CONNECTNEXT® INFOTAINMENT SYSTEM USER'S MANUAL

Dear Customer,

Welcome to the CONNECTNEXT® Infotainment System User's Manual. The infotainment system in your vehicle provides you with state of the art in-car entertainment to enhance your driving experience.

Before using the infotainment system for the first time, please ensure that all users read this manual carefully. The manual will familiarize you with the infotainment system of your car and its functionalities. It also contains instructions on how to use the infotainment system in a safe and effective manner.

We insist that all service and maintenance of the infotainment system of your car must be done only at authorized TATA service centers. Incorrect installation or servicing can cause permanent damage to the system.If you have any further questions about the infotainment system, please get in touch with the nearest Tata Dealership. We will be happy to answer your queries and value your feedback.

We wish you a safe and connected drive!

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ABOUT THIS MANUAL

This guide introduces you to the CONNECTNEXT® Infotainment system and details its controls, options and operations.

In addition, the guide contains:

- Illustrations to provide orientations or identification of various options like buttons and menus.
- Cautions related to a topic such as Danger alerts, Security alerts, Warning statements, Caution notices and General notes.
- A list of abbreviations used in this guide with their explanation.
- An alphabetical index for quick identification of required topics.

CONVENTIONS

DANGER :

Text that indicates to actions that might cause harm to personnel.

SECURITY ALERT:

Text that indicates to actions which increases the potential for unauthorized access.

WARNING:

Text that indicates to actions that might cause harm to the equipment.

CAUTION:

Text that call for attention.

NOTE:

Text that provides some additional important information, which when ignored can cause inconvenience or tips that will help you in using the equipment.

SAFETY GUIDELINES

DANGER :

The infotainment system must be used in a way that allows you to drive the vehicle safely at all times. Failure to do so may result in an accident involving serious injury or death.

Keep this manual in the vehicle, so it will be handy for you to refer, when needed. If you sell or lend the vehicle, make sure this manual is available in the vehicle along with other standard booklets.

Please read and follow the safety guidelines listed in this section to avoid injury or property damage.

GENERAL SAFETY GUIDELINES

WARNING:

The infotainment system is a sophisticated electronic device. Do not allow improper access of the infotainment system.

DANGER :

Permanent hearing loss may occur if you play your music at loud volumes for prolonged duration. Exercise caution when setting the volume of your infotainment system.

DANGER :

Exposure of the infotainment system to water or excessive moisture can cause electric shocks, fire, or other damages.

Safety guidelines while driving

DANGER :

Glance at the screen of the infotainment system only when necessary and safe to do so. If prolonged viewing of the screen is necessary, park in a safe location and engage the hand brake.

DANGER :

Make certain that the volume level of the infotainment system is set to a level that allows you to hear outside traffic and other warnings.

System care and maintenance

Exert at most care while handling the infotainment system as partial or complete loss of the infotainment system functions due to intentional misuse is not covered under warranty. Some guidance for using or maintaining the system are listed below:

WARNING:

Parking under direct sunlight for prolonged duration can result in high temperatures inside your car, which can damage your infotainment system, if used. So, before using the system let the car interior to cool down.

WARNING:

Do not open the infotainment system as incorrect handling can damage the system. Further, warranty is void, if seal is broken.

WARNING:

Do not replace the vehicle speakers or fit additional speakers with aftermarket speakers. It may lead to the malfunctioning or even damage of the infotainment system.

WARNING:

Do not apply sticky or strong alcohol based spray, lotion or liquid on the infotainment system while cleaning the vehicle dashboard. This may cause permanent damage to the system button functions, knob operations or the display screen. It may also lead to the deterioration of the system paint.

WARNING:

Usage of paint or color on the infotainment system can make the moving parts sticky and stop them from functioning correctly.

WARNING:

Avoid addition of any accessories such as external amplifiers, which will lead to the modification of the standard factory wiring connections. As such unauthorized interconnections, can result in the malfunctioning of the infotainment system. Always contact the Tata dealer for the changes to the vehicle or system.

WARNING:

Ensure that any liquid does not enter the infotainment system, as it will lead to the failure of radio. The warranty of the system will be void, if liquid ingress marks are observed inside the system.

WARNING:

Do not use excessive force while handling the infotainment system, USB slot, AUX-In slot and so on. It might cause damage to the system or component.

WARNING:

Avoid insertion of any other object in the SD Card reader slot. Only SD Cards must be inserted in the slot.

WARNING:

Do not insert wet, moist or worn out SD Cards in the SD Card reader slot.

WARNING:

Do not insert Micro SD Cards into the SD Card reader slot.

WARNING:

Avoid usage of hard or sharp objects like pen, key, USB stick etc. to touch the screen, as it can cause scratches on the screen surface.

WARNING:

Use a soft, clean and dry cleaning cloth to clean the touch screen surface. If required, use a lint-free cloth damped with a cleaning solution such as isopropyl alcohol, or an isopropyl alcohol and water solution ratio of 50:50. Be sure to follow the solvent manufacturer's precautions and directions.

WARNING:

Avoid spraying or spilling of cleaning solutions, perfumes, car fresheners, beverages, caustic chemicals or any liquids on the touch screen surface, as it can damage the screen or the infotainment system.

WARRANTY CLAUSES

The warranty clauses applicable to the infotainment system are listed below:

1. Warranty is applicable in India only.
2. Warranty for the product is against defective materials and manufacturing faults for 36 months / 60,000 km (whichever comes earlier) from the date of the first sale of vehicle.
3. Display and touch panel, if applicable to your system, are covered for 12 months from the date of the first sale of vehicle.
4. Warranty is expressly not applicable under the following conditions:
    1. Where the product has been dismantled, repaired, altered, modified or damaged due to user negligence and misuse
    2. The serial number of the product been removed, defaced or altered.
    3. Warranty void sticker is removed or tampered
    4. Improper usage such as wrong electrical supply / voltage setting causing damage to the equipment
    5. Tampered or serviced or repaired by any agency not authorized by Tata Motors Limited.

INTRODUCTION

The CONNECTNEXT® infotainment system provides you with a bundle of high-end functionalities to:

- Manage in-vehicle entertainment capabilities
- Handle certain vehicle feature controls
- View information about some vehicle features

Key features of the infotainment system include:

- 5" inch WQVGA Touch Screen
- 4 Channel Audio
- AM and FM Tuner Bands with 20 station memories on each band
- Speed Dependent Volume Control
- Display OFF feature for distraction free night drive
- USB, iPod, Aux, SD Card and Bluetooth Audio multimedia support
- Video Playback and Image Viewing support from media sources
- Hands-free/Bluetooth support with advance functions like 'Set contacts as Favorite' and 'Reject with SMS' for incoming calls
- Simultaneous pairing with multiple Phone handsets (up to 10 devices) though Bluetooth for Phone and Music supports like Phone book download & Audio streaming
- Support for navigation using mobile application supported by MapmyIndia maps
- Integrated with vehicle components like Park Assist System and displays related information
- Vehicle feature control support like door locking, approach lights and mood lighting
- Infotainment system control from Steering Wheel and IR Remote Control.

NOTE:

Some of the vehicle features like park assist system, Steering Wheel Controls (SWC), Infra Red (IR) Remote Control, locking, and lighting are not standard in every vehicle variant. Features that are unavailable in the vehicle cannot be controlled using the infotainment system. Please refer to the Owner's Manual of your vehicle or check with your vehicle dealer to confirm the list of features available in your vehicle.

CONTROL ELEMENTS OVERVIEW

The control elements, buttons and knobs, that are available on the infotainment system allows you to control the infotainment system. It provides you with quick and easy access to the commonly used functions and options of the infotainment system.

Figure 1: CONNECTNEXT® Infotainment System Control Elements

Table 1: Infotainment System Control Elements

Sl No	Control Elements	Description
1	DISP OFF button	• **Single Press & Long Press:** ❍ Sets infotainment system display OFF, if display is ON ❍ Sets infotainment system display ON, if display is OFF
2	OPTIONS button	• **Single Press & Long Press:** ❍ Displays the options of the currently played audio source or the currently connected phone. If a phone with navigation applications is connected to the system, displays options of the Navigation feature.
3	SETUP button	• **Single Press & Long Press:** ❍ Displays setup menu.
4	Home button	• **Single Press & Long Press:** ❍ Displays home screen with current media/audio source playing in the background.

Table 1: Infotainment System Control Elements

Sl No	Control Elements	Description
5	Volume Rotary Knob	• **Clock Wise:** ❍ Increases the volume. • **Anti-Clock Wise:** ❍ Decreases the volume. • **Single Press & Long Press:** ❍ System Audio ON/OFF. ❍ ***One Hour Mode System Switched ON Mode:*** Switches OFF the infotainment system.
6	Mute/Unmute button	• **Single Press & Long Press:** ❍ Mute/Un Mute currently played audio/media source.
7	Audio button	• **Single Press & Long Press:** ❍ Displays audio setup options.
8	Fast Rewind button	• **Single Press:** ❍ ***iPod, USB, Bluetooth Audio & SD:*** Plays the previous track. ❍ ***Radio:*** Enables auto seek down. • **Long Press:** ❍ ***iPod, USB, Bluetooth Audio & SD:*** Fast rewinds the current track.

Table 1: Infotainment System Control Elements

Sl No	Control Elements	Description
9	Fast Forward button	• **Single Press:** ❍ ***iPod, USB, Bluetooth Audio & SD:*** Plays the next track. ❍ ***Radio:*** Enables auto seek up. • **Long Press:** ❍ ***iPod, USB, Bluetooth Audio & SD:*** Fast forwards the current track.
10	Menu Rotary Knob	• **Clock Wise:** ❍ ***iPod, USB,SD and Bluetooth Audio:*** Previews next track. On knob press, plays the track. ❍ ***Radio:*** Enables manual tune up of FM/AM stations. ❍ ***Setup, Incoming and Active Phone Calls:*** Scrolls up through a menu/list like call logs, contacts, setup options, media list or radio presets. • **Anti-Clock Wise:** ❍ ***iPod, USB, SD and Bluetooth Audio:*** Previews previous track. On knob press, plays the track. ❍ ***Setup, Incoming and Active Phone Calls:*** Scrolls down through a menu/list like call logs, contacts, setup options, media list or radio presets. • **Single Press & Long Press:** ❍ Selects the selection i.e. a track, a menu, an option, or a FM/AM station/preset. ❍ ***Incoming Phone Calls:*** Receives the incoming phone call. ❍ ***Outgoing Phone Call:*** Ends the outgoing phone call.

Table 1: Infotainment System Control Elements

Sl No	Control Elements	Description
11	Back button	• **Single Press & Long Press:** ❍ Back to the previous menu, if applicable.
12	PHONE button	• **Single Press & Long Press:** ❍ Displays the Phone menu. If not further action is taken, returns to the mode from which the Phone button was pressed. ❍ ***Incoming Phone Call:*** Accepts (Connects) the Phone call. ❍ ***Active Phone Call:*** Displays the Phone Menu with Call Log, Contacts, Favorites and Key-pad options.
13	RADIO button	• **Single Press & Long Press:** ❍ Plays Radio in the last tuner band (FM/AM station). ❍ ***Radio:*** Displays the various tuner bands, FM and AM. When the Radio button is pressed again, the infotainment system displays the stored FM/AM stations.
14	MEDIA button	• **Single Press & Long Press:** ❍ Plays last active media source. ❍ ***Radio:*** Plays previous valid media source/default media source. ❍ ***Media Types:*** Plays the next active media source.

OTHER MODES OF CONTROL

In addition to the control elements on the infotainment system, the system can also be controlled from the:

- Steering Wheel controls
- Infra-Red (IR) Remote controls
- Mobile using Remote Control Application

Steering wheel control elements provide you the flexibility of controlling your infotainment system even while you are driving without distracting your attention.

Using the IR Remote control elements, people in the back seat can also control the infotainment system without asking the people in the front seat.

NOTE:

IR Remote Control is optional. Check with your Vehicle dealer to confirm the list of features available in your vehicle.

NOTE:

The battery inside the IR remote control is not covered under warranty.

Steering Wheel Control Elements

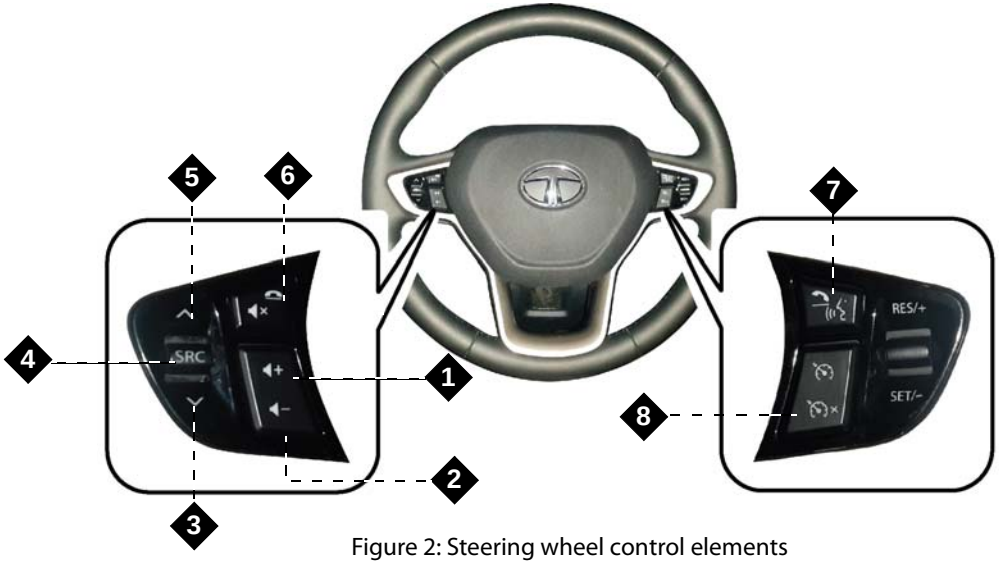

Figure 2: Steering wheel control elements

Table 2: Steering Wheel Control Elements

Sl No	Control Element	Description
1	- Increase Volume	• **Single Press:** ❍ Increases volume/ring tone volume by 1 unit. • **Long Press:** ❍ Increases volume or ring tone volume as long as the maximum volume is reached.
2	- Decrease Volume	• **Single Press:** ❍ Decreases volume/ring tone volume by 1 unit. • **Long Press:** ❍ Decreases volume/ring tone volume as long as volume value reaches 0.

Table 2: Steering Wheel Control Elements

Sl No	Control Element	Description
1	 -Scroll Down - Audio Source Change - Scroll Up	• **Scroll Down SP:** ❍ ***Media Types (except AUX-IN):*** Opens the previous track. ❍ ***Radio:*** Plays Previous Radio Preset. • **Scroll Down LP:** ❍ ***Media Types (except AUX-IN):*** Opens the previous folder. ❍ ***Radio:*** Initiates Auto Seek by decreasing radio frequency until the button is pressed. • **SP/LP:** ❍ Plays the media in the following sequence Previous FM station-> Previous AM station->USB/iPod->SD Card->Bluetooth audio streaming->AUX in. • **Scroll Up SP:** ❍ ***Media Types (except AUX-IN):*** Opens the next track. ❍ ***Radio:*** Plays Next Preset. • **Scroll Up LP:** ❍ ***Media Types (except AUX-IN):*** Opens the next folder. ❍ ***Radio:*** Initiates Auto Seek by increasing radio frequency until the button is pressed.

Table 2: Steering Wheel Control Elements

Sl No	Control Element	Description
6a And 6b	- Mute / Reject Phone Call	• **Single Press & Long Press:** ❍ Mutes/Unmutes the audio track. ❍ ***Incoming Phone Call:*** Reject call. ❍ ***Outgoing Phone Call:*** Cancel call. ❍ ***Active Phone Call:*** End call.
7a And 7b	- Accept Phone Call / Press To Talk (if available)	• **Single Press:** ❍ Displays Phone screen. • ***Incoming Phone Call:*** Accept call.**Long Press:** ❍ Activates voice control system or cancels voice control, if active.

Table 2: Steering Wheel Control Elements

Sl No	Control Element	Description
8	Cruise Control (if available)	• **Allows you to program your car to maintain a constant speed without resting your foot on the accelerator pedal.** **NOTE:** Use the Cruise Control function only when travelling on open highways in good weather. Do not use the function on busy, winding and slippery roads, while going up or down a hill and in heavy rain or bad weather. **DANGER :** If the Cruise Control function is not used properly, it can be dangerous and may cause an accident.

IR Remote Control Elements

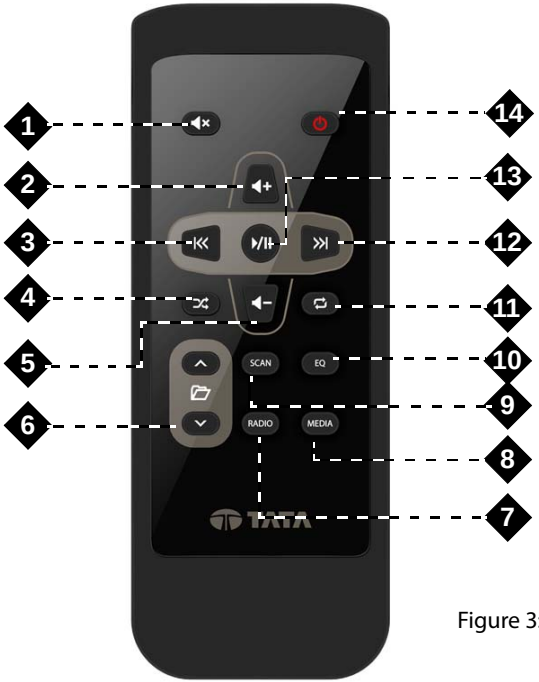

Figure 3: IR Remote Control Elements

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
1	- Mute	• **Single Press & Long Press:** ❍ Mutes/Unmutes the audio track.
2	- Increase Volume	• **Single Press:** ❍ Increases volume by 1 unit. • **Long Press:** ❍ Increases volume as long as the maximum volume is not reached.

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
3	-Seek Previous	• **Single Press:** ❍ Plays previous audio track. ❍ ***Radio:*** Initiates Auto Seek by decreasing frequency value. • **Long Press:** ❍ Fast rewinds the audio tracks.
4	- Random Track/Folder On/Off	• **Single Press & Long Press:** ❍ ***iPod:*** Sets Shuffle On i.e. random playing of songs. When pressed again, Sets Shuffle Off. The infotainment system repeats this cycle when the button is repeatedly pressed. ❍ ***USB and SD Card:*** Randomly plays tracks in the current folder. When pressed again, randomly plays all tracks in the media source. If pressed again, random playing of tracks is switched off and the tracks are played in sequence. The infotainment system repeats this cycle when the button is repeatedly pressed.

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
5	- Decrease Volume	• **Single Press:** ❍ Decreases volume by 1 unit. • **Long Press:** ❍ Decreases volume as long as volume value reaches 0.
6a	- Seek Next Folder	• **Single Press:** ❍ ***Media Types (except AUX-IN):*** Opens the next track. ❍ ***Radio:*** Initiates Manual Seek by increasing frequency by 1 unit (FM -0.1 MHz and AM -9 kHz). • **Long Press:** ❍ ***Media Types (except AUX-IN):*** Opens the next folder. ❍ ***Radio:*** Initiates Manual Seek until the button is pressed.

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
6b	- Seek Previous Folder	• **Single Press:** ❍ ***Media Types (except AUX-IN):*** Opens the previous track. ❍ ***Radio:*** Initiates Manual Seek by decreasing frequency by 1 unit (FM -0.1 MHz and AM -9 kHz). • **Long Press:** ❍ ***Media Types (except AUX-IN):*** Opens the previous folder. ❍ ***Radio:*** Initiates Manual Seek until the button is pressed.
7	- Play Radio	• **Single Press & Long Press:** ❍ Plays previous tuner mode. ❍ ***Radio:*** Displays the available radio bands. Refer to Radio chapter.
8	- Play Media	• **Single Press & Long Press:** ❍ Plays previous active media source or plays the next media source.

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
9	- Scan Audio Source	• **Single Press & Long Press:** ❍ ***Media Types (Except AUX-In and BTSA playback) and Radio:*** Scans tracks/stations in sequence and plays each of them for 10 seconds.
10	- Play Preset	• **Single Press & Long Press:** ❍ ***Media Types and Radio:*** Goes to next preset.

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
11	- Repeat Track/ Folder	• **Single Press & Long Press:** ❍ ***iPod:*** Repeats track. When pressed again, repetition of the track is switched off. The infotainment system repeats this cycle when the button is repeatedly pressed. ❍ ***USB and SD Card:*** Repeats song. When pressed again, repeatedly plays all tracks in the current folder. If pressed again, repetition of tracks is switched off and the tracks are played in sequence. The infotainment system repeats this cycle when the button is repeatedly pressed.
12	- Seek Next	• **Single Press:** ❍ Plays next audio track. ❍ ***Radio:*** Initiates Auto Seek by increasing frequency value. • **Long Press:** ❍ Fast forwards the audio tracks.
13	- Play/Pause	• **Single Press & Long Press:** ❍ Pauses/plays the audio track.

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
14	- System On/ Off	• **Single Press & Long Press:** ❍ The system will change to media switched ON/OFF mode.

SYSTEM USAGE

The menus and submenus in the CONNECTNEXT® infotainment system helps you to easily browse and access the various features and functions of the system.

CONNECTNEXT® MENU STRUCTURE

Access to any function/feature begins from the Main Menu. The main menu of the CONNECTNEXT® infotainment system is displayed after the Welcome Screens. It has 8 blank editable menu options and 1 non-editable Navigation menu option.

Figure 4: Welcome Screen 1

Figure 5: Welcome Screen 2

Figure 6: Home Screen with Configured Media Menu

- Blank editable menu option, which can be configured as a shortcut

The default colors with which the shortcuts of each functionality can be recognized are listed in the below table.

NOTE:

Shortcuts that are un-selected will be slightly greyed out. The shortcut that is currently selected will be in focus and brighter.

Table 4: Default Colors of Functionality Shortcuts

Functionality	Shortcut Color
Media	Orange
Radio	Green
Phone	Blue
Navigation	Light Green
Voice Commands	Purple
Setup	Dark Red

The general sequence of the shortcuts in the system will be:

Blank editable menu -> **Blank editable menu** ->**Voice Command** -> **USB** -> **Navigation** -> **Contacts** -> **HDC** -> **Blank editable menu** -> **Blank editable menu**

NOTE:

The sequence of the shortcuts can change depending on the configuration of our vehicle.

Depending on the functionality, the infotainment system provides multiple levels of submenus.

Creating shortcuts (Main Menu Options)

You can create shortcuts for frequently used features or submenu option by assigning them to the 8 blank editable menu options that are available in the Main menu.

NOTE:

You will not be able to assign a feature or submenu option to the non-editable Navigation menu option.

To create a shortcut:

1. In the Main menu, navigate to the blank editable menu option and do a Single Press. The system displays the Add Shortcuts screen.

   NOTE:

   You can also do a Long Press, display Manage Shortcuts screen and select the **Add shortcuts** option to view the Add Shortcuts screen.
2. In the Add Shortcuts screen, navigate to and select the required main menu option (**Media**/**Phone**/**Radio**/**Setup**) for whose submenu option you want to create the shortcut. The system displays the submenu options of the selected menu.
3. Navigate to and select the required submenu option for which you want to create the shortcut. The system assigns the access to the submenu option to the blank editable menu and also displays the name and icon of the submenu option on the Main menu option. You can now select the Main menu option to access the submenu.

Deleting a shortcut

To delete a shortcut:

1. Long Press on the required shortcut (Main menu option). The system displays the Manage Shortcuts screen.

   NOTE:

   Only shortcuts that have been assigned to a feature or submenu option can be deleted. Blank shortcuts (Main menu options) cannot be deleted.
2. In the Manage Shortcuts screen, navigate to and select the **Remove Shortcut** option. The system deletes the shortcut and displays it as a blank editable Main menu option.

The system only deletes the shortcut. The feature or submenu option that was previously assigned to the Main menu option will be still available in the system. You will be able to access the feature or submenu option using an alternate way. Refer to the section of the feature or submenu to identify the alternate way of access.

Accessing the Main Menu

You can view the Main Menu and its options by pressing the button from any screen of the infotainment system.

NAVIGATING BETWEEN ON-SCREEN OBJECTS

The on-screen objects of the infotainment system like, menus, buttons and so on can be accessed using the knob and the Touch Screen.

Selecting an On-Screen Object

You can select an on-screen object to:

- display the corresponding submenu of the selected menu.
- display a popup with information/message.
- activate the function corresponding to the selected button.
- select or deselect a check box or a option button.

Using Touch Screen:

Figure 7: Tapping on an On-Screen Object

Tap on the on-screen object.

WARNING:

Avoid usage of hard or sharp objects like pen, key, USB stick etc. to touch the screen, as it can cause scratches on the screen surface.

Using Menu/Volume Rotary Knob:

Figure 8: Rotating/Pressing

1. Rotate the knob clock-wise or anti-clock-wise to navigate to the required on-screen object like menu option or button.

   The system highlights the object that is currently in focus.

   NOTE:

   When the Volume Rotary Knob is rotated, the volume is increased or decreased.

2. Press the knob to select the required on-screen object.

   NOTE:

   When the knob is pressed, the system is set to Media Off/On mode. If the system is in **One Hour System Switched ON Mode**, pressing the knob will Switch Off the system. Refer to **"System ON/ OFF"**, section, for more information.

Scrolling Through a Menu List

When there are many menu options, the system:

- displays a scroll bar beside the options.
- displays arrows on the left & right/top & bottom of the options.

Using Touch Screen:

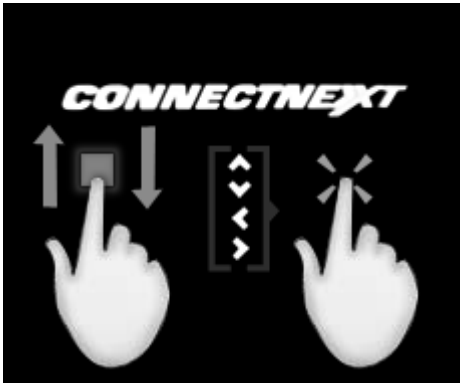

Figure 9: Moving Slider/Tapping Arrows

- Move the slider of the scroll bar up & down or left & right with your finger.

or

- Tap on the , , or arrows on the display screen.

Using Menu Rotary Knob:

1. Rotate the knob clock-wise or anti-clock-wise to scroll through the menu list.

Modifying the Value in a Range

Using Touch Screen:

Figure 10: Increasing/Decreasing Values

1. Tap on the + screen icon to increase the value or - screen icon to decrease the value.
2. After selecting the required value in the range, press the HK to set the value.

NOTE:

You can select a value from a range using the touch screen only. The knob cannot be used.

Going to the Parent Menu from a Submenu

1. Press the button on the infotainment system to display the parent menu of the currently active submenu.

Identifying the Currently Active Menu from the Display Screen

The display screen of the infotainment system has 3 information areas.

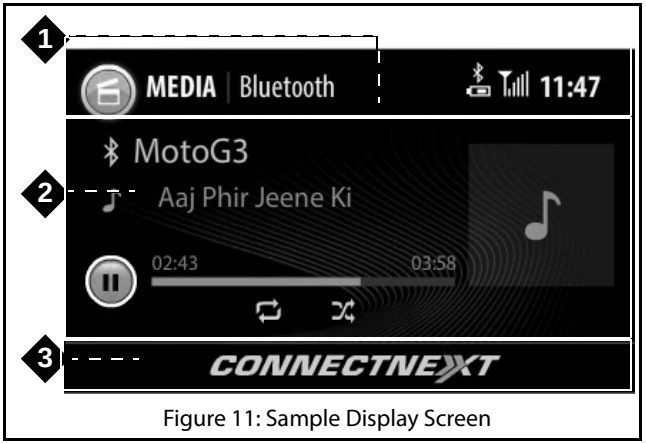

Figure 11: Sample Display Screen

1. **Header Area:** Displays feature icon and name, submenu option name, bluetooth status (only if bluetooth device connected to the infotainment system), battery power, connectivity and signal strength and time.
2. **Active Area:** Displays submenu options, information or progress of the currently selected menu function/ feature.
3. **Footer Area:** Displays CONNECTNEXT®.

Handling Popups

The infotainment system displays popups to:

- indicate progress of an activity - will disappear once the activity in progress ends.
- display important messages regarding system or the currently active feature - will disappear automatically after 5 seconds.
- prompt you to confirm an action before performing it -
  - will not disappear until an action is taken.
  - will automatically disappear, if no action is taken within a predefined time period.

GETTING STARTED

To use the CONNECTNEXT® infotainment system, you must first switch it ON.

When the vehicle ignition is switched ON and the infotainment system is switched ON, the system will be in the **System Switched ON (Active) Mode**.

SYSTEM ON/OFF

1. To switch the infotainment system ON/OFF, press the knob.

NOTE:

When the vehicle ignition is ON and if you press the knob to switch OFF the system, media source or radio that is currently played will be stopped and the system displays the system clock.

When the vehicle ignition is switched ON, the system is automatically switched ON and the audio source that was active before system switch OFF is reactivated. Even if the system was switched OFF using the knob, the system will be automatically switched ON, after vehicle ignition switch ON.

If the vehicle ignition is switched OFF and the key is removed, the system is switched OFF. The system will now be in the **System Switched OFF Mode** and no functions will be available.

When the vehicle ignition and the infotainment system is switched ON and you press the knob, the system will be in the **Media Switched OFF Mode**.

All entertainment functions (Media/ Radio) will be unavailable in this mode. Only Phone and display functions like Setup and so on will be active. By default, the system will display the time and date on the screen.

When the vehicle ignition is switched OFF, you can switch ON the infotainment system by pressing the knob and the system will be available for the next one hour. This is called the **One Hour System Switched ON Mode**.

After an hour, the system will be automatically switched OFF. Only Phone and entertainment functions (Media/Radio) will be available in this mode.If an active phone call is in progress, the system will not be switched OFF after an hour. The system will be switched OFF, after the active call ends.

MANAGE GENERAL SETTINGS

To handle the general CONNECTNEXT® infotainment system settings like, date and time:

1. Press the SETUP button. The system displays the Setup menu options.
2. Navigate to and select the **General** option. The system displays the various options for setting the basic system parameters.

NOTE:

The language used in the infotainment system is English. Other languages are not supported.

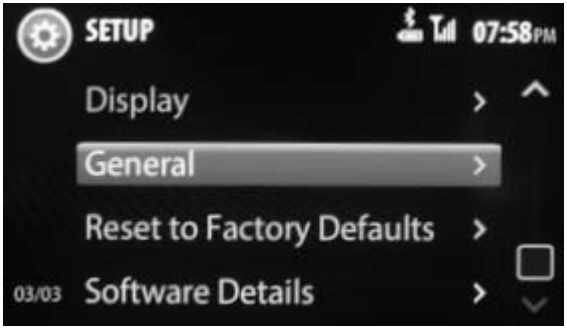

Figure 12: Setup Screen

SETTING DATE

To set the system date:

1. In the **General**, navigate to and select the **Set Date** option. The system displays the Set Date screen.
2. In the Set Date screen, highlight the day (**DD**) field and select the required day value.
3. Highlight the month (**MM**) field and select the required month value.

4. Highlight the year (**YY**) field and select the required year value.
5. When the required date is selected, select the **SET** button. The selected date is set as the system date.

Figure 13: Set Day Screen

Setting Time

To set the system time:

1. In the **General** options, navigate to and select the **Set Time** option. The system displays the Set Time screen.
2. In the Set Time screen, highlight the hour field and select the required hour value.
3. Highlight the minutes field and select the required minute value.
4. Highlight the time period (AM/PM) field, select the required time period value.

NOTE:

The Time Period option will be available only if the 'Use 24 Hour Format' option is not set.

5. When the required time is selected, select the **SET** button. The selected time is set as the system time.

Changing the Time Format

By default, the infotainment system clock displays time in 12 Hour format. To change it to the 24 Hour format:

1. In the **General** options, navigate to and select the **Use 24 Hour Format** option. The check box beside the option is selected and the system clock displays time in the 24 hour format.

NOTE:

To change back to the 12 Hour format, clear the 'Use 24 Hour Format' check box.

Clearing Personal Data

The system allows you to clear your following personal data that are stored in the system:

- Paired and connected devices.
- Favorites contacts.

To clear the personal data stored in the system:

1. In the **General** options, navigate to and select the **Clear Personal Data** option. The system displays a message popup indicating that all personal data stored on the system will be cleared.
2. In the message popup, select **Yes** to initiate the clearing action. The system clears all your personal data stored in its memory

Figure 14: Clear Personal Data Message Popup

CHANGE AUDIO SETTINGS

To change the audio settings:

1. Press the SETUP button. The system displays the Setup menu options.
2. Scroll to and select the **Audio** option. The system displays the various options for setting the audio parameters.

NOTE:

The audio settings are common to all media sources.

NOTE:

You can also view the **Audio** options by pressing the button.

SETTING BASS, MIDDLE AND TREBLE VALUES

Bass: Increase or decrease the gain of low frequencies of the audio sources.

Middle: Increase or decrease the mid frequency of the audio sources.

Treble: Increase or decrease the high frequencies of the audio sources.

To set the bass, middle and/or treble values:

1. In the **Audio** options, navigate to and select the Bass, Mid & Treble option. The system displays the Bass/ Mid/Treble screen.
2. In the Bass, Mid & Treble screen, modify the settings of the required fields, by setting them to new values in the range of -10 to +10.

NOTE:

The default values of Bass, Mid and Treble fields are 0.

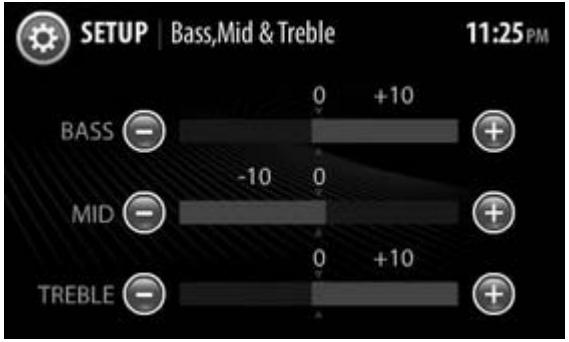

Figure 15: Bass, Mid & Treble Screen

Setting Balance and Fader

Balance: Change this value to set the volume distribution between the left and right speakers of the vehicle.

Fader: Change this value to set the volume distribution between the front and rear speakers of the vehicle.

To set the balance and/or fader values:

1. In the **Audio** options, navigate to and select the Balance & Fader option The system displays the corresponding screen.
2. In the Balance & Fader screen, modify the settings of the required fields, by setting them to new values in the range of -5 to +5.

NOTE:

The position of the symbol indicates the current volume distribution between the different speakers of the vehicle.

NOTE:

The default values of Balance and Fader fields are 0.

Figure 16: Balance & Fader Screen

Distributing Volume Only to Front Speakers

1. In the Balance & Fader screen, select the **Driver** button. The system distributes volume only to the front speakers.

Distributing Volume Only to Rear Speakers

1. In the Balance & Fader screen, select the **Rear** button. The system distributes volume only to the rear speakers.

Resetting Fader Settings

1. In the Balance & Fader screen, select the **Reset** button. The system resets the current fader value to equally distribute volume to both front and rear speakers.

Selecting an Audio Preset/Equalizer

The infotainment system enables you to automatically change the audio settings depending on your favorite type of music. The preset options that are available to you are:

- Classic
- Pop
- Jazz
- Rock
- Flat
- Speech
- User

To change the audio settings to match your favorite type of music:

1. In the **Audio** options, navigate to and select the Audio Preset option. The system displays the available audio preset options.

2. Scroll to and select your favorite option. The system automatically changes the audio settings depending on your selection.

NOTE:

The system displays the selected audio preset name beside the Audio Preset/ Equalizer menu option and in the Bass, Mid & Treble screen.

CHANGE VOLUME SETTINGS

To handle the volume settings of the vehicle and the various features of the infotainment system:

1. Press the SETUP button. The system displays the Setup menu options.
2. Navigate to and select the **Volume** option. The system displays the Volume Setup screen with various options for setting the volume of the vehicle or other system features.

SETTING SPEED DEPENDENT VOLUME

DEFINITION:

When the vehicle speed increases, the engine noise and surrounding noise like wind sound increases. The Speed Dependent Volume feature adjusts the audio volume of your system with the speed of the vehicle. This allows you to feel that the music is played at the same volume.

To set the speed dependent volume:

1. In the Volume screen, highlight the **Speed Dependent Volume** field, modify the settings of the field, by setting it to a new value in the range of 0 to 5.

NOTE:

The default value of Speed Dependent Volume is, '1' and when set to '0' it corresponds to switching OFF the volume.

Figure 17: Volume Setup Screen

Setting Phone Audio Volume

This option sets the in-call volume of the connected phone.

To set the phone audio volume:

1. In the Volume screen, highlight the **Phone Audio Volume** field, modify the settings of the field, by setting it to a new value in the range of 0 to 30.

NOTE:

The default value of Phone Audio Volume is, '10'.

Setting Startup Volume

DEFINITION:

Startup volume is the audio volume at which your music will be played, when the system is switched ON with the vehicle ignition switch ON. At system startup, the lower of the system volume or startup volume will be used as the system audio volume.

To set the startup volume of the system:

1. In the Volume screen, highlight the **Startup Volume** field, modify the settings of the field, by setting it to a new value in the range of 5 to 20.

NOTE:

At system startup, if the system volume is higher than the startup volume, the lower of them will be set as the volume.

NOTE:

The default value of Startup Volume is, '10'.

Setting SMS Read Out Volume

This option sets the volume in which your SMS will be read out to you.

1. In the Volume screen, highlight the **SMS Read Out Volume** field, modify the settings of the field, by setting it to a new value in the range of 0 to 30.

NOTE:

The default value of Startup Volume is, '10'.

Setting Voice Command Volume

This option sets the volume that will be applicable to the voice recognition feature.

1. In the Volume screen, highlight the **Voice Command Volume** field, modify the settings of the field, by setting it to a new value in the range of 0 to 10.

Setting the Aux-In Gain

The infotainment system acts as the amplifier for the audio output from the Auxiliary devices. You can set the audio output amplification level to Low, Mid (medium) or High.

To set the audio amplification level:

1. In the Volume screen, highlight the **Aux-In Gain** option. The system displays the available amplification level options.
2. Navigate to and select the required amplification level.

RESET TO FACTORY DEFAULT

You can reset the infotainment system to the factory settings i.e default settings. This option is mainly useful when you are giving your vehicle to someone for temporary usage or when you are selling your vehicle.

When you reset the system to factory settings, the following changes will be made:

- All Setup settings like volume, audio and so on, which were changed by the user will be restored to default.
- All Bluetooth devices will be disconnected and paired devices will be deleted
- System Bluetooth name will be reset to Connectne><t.
- All media source details stored in the system will be cleared.
- All the Radio presets will be cleared and the default frequencies will be set i.e. FM -87.5 MHz and AM -531 kHz.

NOTE:

If Radio was the last played source or when you play Radio again, the default frequency will be played.

To reset the system to factory default settings:

1. Press the SETUP button. The system displays the Setup menu options.
2. Navigate to and select the **Restore Factory Settings** option. The system initiates the restoring to factory default settings action. The media source/radio that is currently played will be stopped. Phone will be disconnected.

   Once the reset is completed, the system prompts the user to switch OFF ignition and remove the key. The reset action is completed, when you insert the key again (after 10 seconds at least) and switch ON ignition.

NOTE:

You will not be able to initiate reset to factory default when the vehicle is in the One Hour System Switched ON Mode. However, if you switch OFF ignition while the reset is in progress, the system completes the reset operations in the One Hour System Switched ON Mode.

Figure 18: Reset to Factory Defaults Message Popup

RADIO

The CONNECTNEXT® infotainment system supports FM and AM radio bands.

AM/FM Reception Limitations

Some AM/FM signal reception limitations of the system are listed below:

1. The AM/FM signal reception of the system does not cover long ranges. If your vehicle leaves the transmitter range, the sound quantity will become poor and there may be noise interferences.
2. The AM/FM signal cannot pass through hills and tall buildings. If vehicles enter such areas, the reception will be poor or there might be no reception at all.
3. The AM/FM signal reception quality might deteriorate with multi path effect, which results due to signal reflections from hills and tall buildings.

OVERVIEW

To view the radio screen, press the RADIO button.

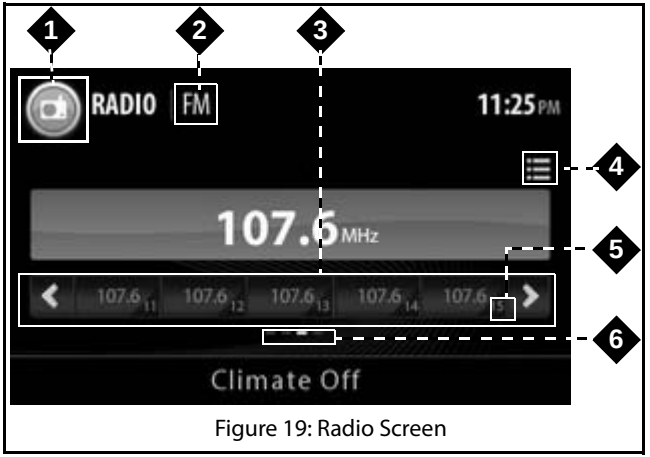

Figure 19: Radio Screen

Table 5: Radio Screen

1.	Radio Feature Icon
2.	Currently active radio band (FM/AM)

Table 5: Radio Screen

3.	List of preset buttons with their corresponding radio station frequencies
4.	Preset browse button
5.	Preset number (1to 20)
6.	Page indicator to navigate between different sets of preset buttons.

RADIO OPERATIONS

The system allows you to perform the following radio operations:

- Changing the radio band
- Tuning radio stations
- Handling presets
- AutoStore
- Scan

CHANGING THE RADIO BAND

To change the radio band:

1. In the Radio Screen, press the Radio feature icon. The system displays the radio bands in a popup menu.

Figure 20: Radio Bands Popup Menu

2. Select the required radio band. The system displays the details of the selected radio band.

NOTE:

When in the Radio Screen, you can also press the RADIO HK to toggle between the various radio bands (FM/AM).

Increasing/Decreasing Radio Volume

Rotate the knob clockwise/anti-clockwise to increase or decrease volume.

TUNING RADIO STATIONS

The infotainment system supports Manual tuning as well as Auto tuning radio stations.

Manually Tuning a Radio Station

To manually tune radio stations:

1. In the Radio screen, rotate the knob to tune to the next radio station by increasing or decreasing the frequency.

Auto Tuning a Radio Station

To auto tune radio stations:

1. In the Radio screen, press the button or the button. The system will automatically tune to the next available radio station by increasing or decreasing the frequency.

Stopping Auto Tuning

The system automatically stops the Auto Tuning action, when it reaches the next/previous receivable frequency or when the search is unsuccessful.

To stop the auto tuning action manually:

1. Press any button or touch anywhere on the screen.

Scanning Radio Stations

DEFINITION:

You can scan through the available radio stations, when you are not sure of the station you want to hear. While scanning, the system plays each receivable station for 10 seconds. You must stop the scanning to continue hearing to a station.

To scan through the radio stations.

1. In the Radio screen, press the OPTIONS button. The system displays the radio options.
2. From the radio options, navigate to and select **Scan**. The system tunes to the next receivable station and plays it for 10 seconds. The scanning will be continued until stopped/cancelled.

NOTE:

To stop the scanning action manually, press any button or touch anywhere on the screen.

NOTE:

To cancel the scanning action, press the knob.

NOTE:

You can store the currently played station in any preset (1 to 20) by touching the required preset number button from the list of preset button displayed at the bottom of the screen. Refer to the **Handling Presets** section for information on presets.

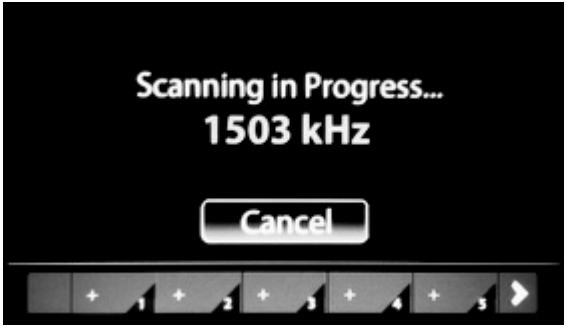

Figure 21: Radio Stations Auto Scanning

HANDLING PRESETS

DEFINITION:

You can store a radio station in the system memory as a Preset, which will help in quick access of the station.

The infotainment system supports 20 presets per radio band.

Storing Presets

To store a tuned frequency (radio station) in a preset:

1. In the Radio screen, long press the required preset number (1 to 20) on the screen.

Auto Storing Presets

DEFINITION:

The infotainment system allows you to automatically search and store available radio stations as presets. When initiated, the Auto Store feature priorities and stores the available stations, in the ascending order of their frequency, in the presets.

To enable auto search and storing of presets:

1. In the Radio screen, press the OPTIONS button. The system displays the radio options.
2. From the radio options, navigate to and select **Autostore**. The system search for the available radio stations and when found stores the stations as the presets for the current radio band (AM/FM). When radio stations have been stored in all presets or if there are no more available stations, the system stops the automatic storing of presets action.

Playing a Preset

To play a radio station that was stored as a preset:

1. Press the RADIO button. the system displays the Radio screen.
2. Change to the required radio band, if not already displayed.
3. Navigate to and select the corresponding preset button.

NOTE:

You can also play a preset by browsing through the available presets using the and the Steering Wheel control elements or IR Remote control elements and pressing the knob to play it.

Browsing Through the Presets

To browse through the preset list:

1. In the Radio screen, select the preset browse button. The system displays the Preset screen with the list of presets. You can view the different presets by navigating through the sets of presets either using the knob or the scroll bar beside the list.

NOTE:

You can also browse through the presets by using the and the Steering Wheel control elements or IR Remote control elements.

MEDIA

The CONNECTNEXT® infotainment system supports the following media sources from which you can play music, videos and view pictures:

1. USB source
2. Bluetooth Audio source
3. iPod
4. Audio AUX-In source
5. SD Card source

The audio formats that are supported by the system are: .aac, .mp3, and .wma.

The supported video formats are .mp4, .avi and .divx.

NOTE:

Video playbacks and viewing of pictures are supported from USB source and SD card only.

OVERVIEW

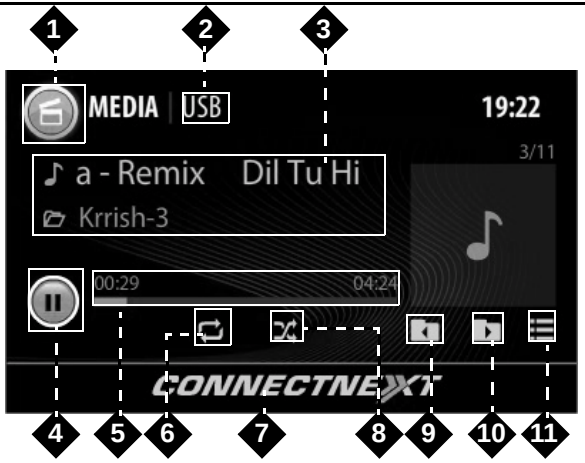

Figure 22: Sample Media Screen - USB Source

Table 6: Media Screen

1.	Feature Icon
2.	Active Media Source Type
3.	Current Active Track Information
4.	Play/Pause Touch Icon
5.	Progress Bar
6.	Switch On/Off Repeat Icon
7.	Footer Area
8.	Switch On/Off Shuffle
9.	Folder Next Icon
10.	Folder Previous Icon
11.	Browse Icon

NOTE:

The Folder Next and Previous icons are available only for the USB and SD Card media sources, which have media content stored in folders. The icons will not be visible for iPod, Bluetooth and AUX-In media sources.

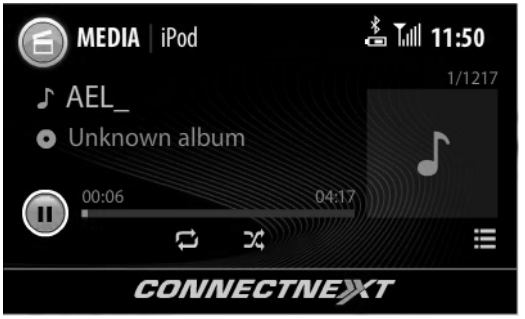

Figure 23: Sample Media Screen - iPod Source

NOTE:

For Bluetooth media source devices, the Media screen options will vary depending on the AVRCP version of the device. For devices with AVRCP 1.4, all screen options listed in the table, except the folder options (9 and 10) will be available in the Media screen. For devices with AVRCP 1.3 and above, the system displays the device name, the current active track name, a default track image and the play/pause icon. For devices with AVRCP below 1.3, the system only displays the device name and the play/pause icon. Please note that behavior on Bluetooth profiles can vary from device to device. Please check your phone user manual for more details.

PLAYING A MEDIA SOURCE

The infotainment system allows you to play a media source type by using anyone of the following ways:

- By inserting/connecting a media source device to the vehicle
- By selecting a media source type from the Media Sources menu options
- By a shortcut configured for the media type
- By using the Voice Command

NOTE:

Depending on the content and device type, some media source devices might take more time to start.

Connecting to a Media Source

The USB or Auxiliary media devices must be physically connected to the vehicle for the system to recognize and access them. Refer to your vehicle Owner's Manual for information on where and how to connect the USB and Auxiliary devices to your vehicle.

NOTE:

USB devices with up to 32 GB of memory are supported by the system.

Bluetooth devices do not require any physical connection to the vehicle or system. Once you enable the Bluetooth feature in the media device and the system, both the devices can be connected and paired with each other.

NOTE:

While playing music tracks from Bluetooth devices, the volume must be set to maximum in the device.

SD Cards can be connected to the system by inserting them into the SD Card reader slot.

NOTE:

SD Cards with up to 16 GB of memory are supported by the system.

To insert a SD Card in the reader slot:

1. Open the cover of the reader slot by pulling the flap down.The card slot will be visible.

Figure 24: Opening SD Card reader slot

2. In the card slot, insert your SD Card with the SD sticker on the top.

Figure 25: Inserting SD Card

Playing Media Source Automatically

If a media source is inserted when the system is ON, the system immediately recognizes the source and starts reading the source. Once the reading is complete, the system automatically plays the music stored in the source.

Figure 26: Message Popup Indicating iPod Source Insertion

If the system is switched OFF, the system stops playing the source. When the system is switched ON again and if the source is still connected, the system starts playing music from where the source was stopped.

NOTE:

For good audio quality, music tracks recorded at 192 kbps or above are recommended for playing in the system. If tracks recorded at lower rates are played like around 128 kbps, there will be noticeable difference while listening.

Selecting a Media Source

When multiple media sources are connected to the infotainment system or to play a particular media source that was stopped earlier, you can select the required source from the list of available Media Sources.

To select the required media source:

1. Press the MEDIA button. The system displays the Media screen and plays the track that was played last, if the source is still connected.
2. In the Media screen, touch the Feature icon on the screen. The system displays the media sources submenu options popup.
3. In the media source options popup, select the required media source option. The system starts playing music track from the selected source.

Only sources that are currently connected to the infotainment system can be played when selected. The sources that are highlighted in the media options popup are currently available for playing. I

Figure 27: Media Sources Options Popup

Playing Media Source Using a Shortcut

If you have configured a shortcut in the Home scree for one or more media sources, you can play the required media source by navigating and selecting the required media option from the Main Menu. Refer to the **Creating Shortcuts** section, for the steps involved in creating shortcuts for the various media sources and the **System Navigations** section to understand how to select a Main Menu Option.

Playing Media Source Using a Voice Command

You can also access a media source type and play it using the Voice Recognition Command feature. Refer to the Voice Recognition Command section for more information.

MUSIC RELATED FUNCTIONS

The infotainment system allows you to perform the following music related operations

- Play/pause music
- Increase/decrease/mute volume
- Repeat music track/folder
- Randomly play music tracks in a folder/media source
- View next/previous music track names
- Play next/previous music tracks
- Perform Fast Forward/Fast Rewind
- Play next/previous folder
- View information of a music track
- Browse through the music content
- Scan through the music content

Pausing/Playing Music

Using the system, you can playback a maximum of 15000 music files.

To pause playing of music:

1. In the Media screen, touch the Pause icon on the screen. The system pauses playing the music and the button changes to a Play icon.

   Repeat the step to restart playing the music.

NOTE:

You can also use the on the IR Remote Control to pause/play music.

NOTE:

If the system comes across a corrupt music track in your media source, the system tries to play the track and after 2 seconds automatically moves to the next music track in the media source.

Handling Music Volume

The infotainment system allows you to:

- Increase/decrease the volume of the music
- Mute/Un-mute the volume

Increasing/decreasing volume

To increase /decrease the volume of the music:

1. Rotate the knob clockwise/anti-clockwise to increase or decrease volume.

NOTE:

You can also use the and the control elements on the Steering Wheel or the IR Remote Control to increase/ decrease the volume.

Muting/un-muting volume

To mute/un-mute volume:

1. Press the button. The system mutes the volume. When you press the button again, the system will un-mute the volume.

NOTE:

You can also process the control element on the Steering Wheel or the IR Remote Control to mute the volume.

REPEATING TRACK/FOLDER

You can either repeat a track or repeat music tracks in a folder.

To repeat a track or tracks in a folder:

1. In the Media screen, press the Switch On/Off Repeat Icon.The system repeats the current track and displays a ‘T’ above the Repeat icon to indicate the action. When you press the icon again, the system repeats the tracks in the current folder and displays a ‘F’ above the Repeat icon. If you press the icon for the third time, the repeat action is stopped.

NOTE:

You can also press the control element on the IR Remote Control to repeat track/folder.

NOTE:

For some Bluetooth audio devices, all repeat functions may not work. The availability of the functions is dependant on the Audio/Video Remote Control Profile (AVRCP) version of your device.

NOTE:

For iPod devices, you can repeat only the tracks in the device.

NOTE:

The repeat functionalities are not supported for the AUX-In music sources.

Playing Tracks Randomly

You can enable the system to randomly select and play music tracks available in a folder or all music tracks in the media source, instead of playing them in the sequence they are stored.

To randomly play music tracks:

1. In the Media screen, press the Switch On/Off Shuffle Icon.The system randomly plays all tracks in the current folder or all music tracks in the media source. If you press the icon again, the shuffle action is stopped.

NOTE:

You can also press the control element on the IR Remote Control to randomly play all tracks in a folder.

NOTE:

For iPod devices (Apple devices), you can randomly play all tracks only in the music source device.

NOTE:

For some Bluetooth audio devices, all random functions may not work. The availability of the functions is dependant on the Audio/Video Remote Control Profile (AVRCP) version of your device.

NOTE:

The shuffle functionalities are not supported for the AUX-In music sources.

Viewing Next/Previous Music Track Names

When in a music track, the system allows you to view the next/previous music track names. This functionality is supported only for USB, SD Card and iPod devices.

To view the next/previous music track names:

1. From within the Media screen, rotate the knob clock-wise or anti-clock-wise to view the next/previous music track.

   The system displays the next/previous music track name in the Next Song Preview area.

2. Press the knob to select the required music track.

Figure 28: Media Screen with Previous Music Track Name

Playing Next/Previous Music Tracks

When in a music track, the system allows you to play the next/previous music tracks.

To play the next/previous music tracks:

1.From within the Media screen, Single Press the or the button to play the next or previous track respectively. The system plays the next/previous track.

NOTE:

You can also do a Single Press of the or the IR Remote control elements or press the and the Steering Wheel control elements to play the previous or next music track respectively.

NOTE:

The next/previous music track functionalities are not supported for the AUX-In music sources.

NOTE:

For some Bluetooth audio devices, the playing next/previous music tracks functions may not work. The availability of the function is dependant on the Audio/Video Remote Control Profile (AVRCP) version of your device.

Perform Fast Forward/Fast Rewind

You can fast forward or fast rewind the music tracks to quickly complete playing them and move ahead or backward in the folder.

To fast forward or fast rewind:

1.From within the Media screen, Long Press the or the button. The system fast forwards or fast rewinds the music tracks until the button is released and the action is stopped. The system plays the music track that is in focus when the action is stopped.

NOTE:

You can also do a Long Press of the or the IR Remote control elements to fast rewind or fast forward music tracks respectively.

NOTE:

The fast forward/ fast rewind of music tracks functionalities are not supported for the AUX-In music sources.

NOTE:

The fast forward/fast rewind operation response depends on the Bluetooth Device response.

Playing Next/Previous Folder

When in a music track, the system allows you to shift to the next/previous folder and play the music tracks in them.

To shift to the next/previous folder:

1. When in the Media screen, press the Folder Up or the Folder Down icon to shift to the next or previous folder respectively. The system plays the first music track in the selected folder.

NOTE:

You can also long press the and the Steering Wheel control elements or IR Remote control elements to play the previous or next folder respectively.

NOTE:

The next/previous folder functionalities are not supported for the iPod (Apple devices) devices, Bluetooth devices and AUX-In music sources.

Viewing Music Track Information

To view the details of a music track:

1. When the music track is played, press the **Media Feature** icon. The system displays the Media submenu options in a popup.

2. Touch the Info icon

. The system displays the Song Info screen with details of the track, which contains details like, Song name, Artist, Album, Genre, Year, Album number, Track number and so on.

NOTE:

You can also display the Song Info screen by touching the album art (picture displayed beside the music track name) of the track. If there is no specific album art for the music track, the system displays a default picture. You can touch the default picture to view the details of the track.

NOTE:

The view music track information functionality is not support for the AUX-In music sources.

NOTE:

The information displayed by the functionality is dependent on the information stored in the music track and supported by the media source device. For example, album art information is not supported for Bluetooth devices.

.

Figure 29: Music Track Information Screen

Browsing Through the Media Content

You can perform a category based browsing of media content stored in a media device.

NOTE:

The types of categories supported will depend on the Media source/device.

NOTE:

The system supports limited browsing of Bluetooth media source devices with AVRCP 1.4. Devices with lower AVRCP versions cannot be browsed.

To browse through the media content:

1. In the Media screen, touch the Browse ( )icon. The system displays the Browse screen with applicable categories list.

NOTE:

You can also view the Browse screen, by pressing the OPTIONS button or the knob from within the Media screen and selecting the Browse menu option.

2. Select the required category from the list. The system displays the music tracks grouped under the selection.
3. From the available music tracks, chose from the required music track. The system plays the selected music track.

NOTE:

To play or browse through all music tracks within a category, you can touch the Browse icon or Play icon displayed beside the applicable category names.

Scanning Through the Media Device

DEFINITION:

When you are unsure of the music track you want to hear, you can scan through the tracks on your media source. While scanning, the system plays each track for 10 seconds. You must stop the scanning to continue hearing to a track.

NOTE:

You can scan through a USB/SD Card/iPod media device for the required music track.

To scan through a media device:

1. When in the Media screen, press the OPTIONS button. The system displays the Options screen.

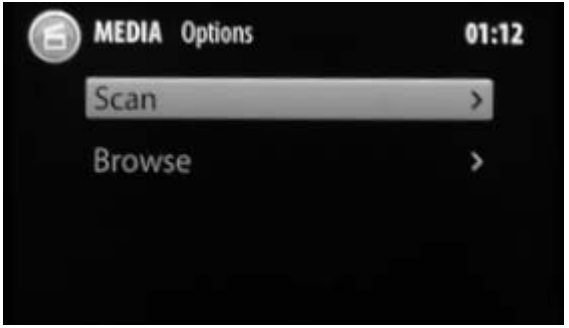

Figure 30: Media Options Screen

2. Navigate to and select the **Scan** option. The system displays the Scanning in progress screen and plays each track until the scanning is stopped for 10 seconds. the name of the currently played track is also displayed in the screen.

Figure 31: Media Source Scanning in Progress

NOTE:

You can also initiate scanning of the Media device by pressing the SCAN IR Remote control element.

NOTE:

If you browse to a category and then initiate the scan, only the tracks in the selected category will be scanned.

NOTE:

You can cancel the scanning process to play a track completely.

Stopping Media Device Scanning

To stop scanning of the media device:

1. In the scan screen, select **Cancel**, using the knob. The system stops scanning the media device and starts playing music from the current music track.

PICTURE VIEWER

If your USB/SD Card media device have picture files, you can view them in the infotainment system. The system supports viewing of JPEG (.jpg), BMP, GIF and PNG picture file formats.

DANGER :

Viewing of pictures while driving can be a distraction and may lead to accidents. So, avoid accessing pictures while driving.

Accessing the Picture Files

You can view pictures files by using the picture viewer feature of the infotainment system. The feature is unavailable when the vehicle is in motion. While driving, if you select a picture file, the system displays a warning message informing you not to open picture files while driving.

While viewing picture files, if you start and drive your vehicle and the vehicle reaches a speed of 5 km/h or more, the system displays a warning message to indicate that the picture will be closed and closes the picture viewer after 10 seconds, if no action is taken.

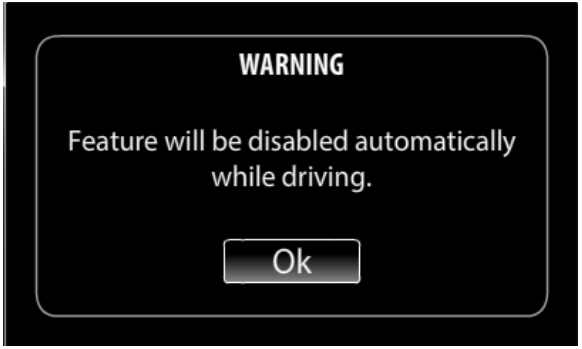

Figure 32: Closing Picture Viewer Warning Message

You can access the picture files by selecting anyone of the following options:

1. **When there are no audio files and only picture files exist in the media device:**
   1. When you insert the media source, the system displays a popup message informing you that there

are no audio files and prompting you to confirm whether you want to view the pictures.

Figure 33: Popup Message When only Picture Files Exist

2. Select **Yes**. The system displays the Media->Browse screen with Pictures option.
3. Navigate to and select **Pictures**. The system displays the Picture screen with the list of all images in the media source.

2. When there are audio files and picture files in the media device:

1. In the Media screen, touch the **Browse** icon. The system displays the Browse screen with applicable categories list.

NOTE:

You can also view the Browse screen, by pressing the OPTIONS button or the knob from within the Media screen and selecting the Browse menu option in the Media Options Screen.

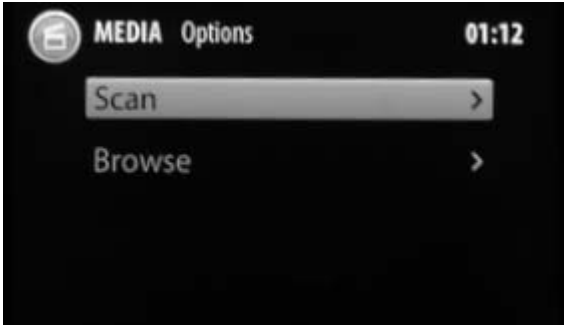

Figure 34: Media Options Screen

2. In the Browse screen, navigate and select the **Pictures** option. The system displays the Pictures screen.
3. In the Pictures screen, navigate and select the required picture for viewing.

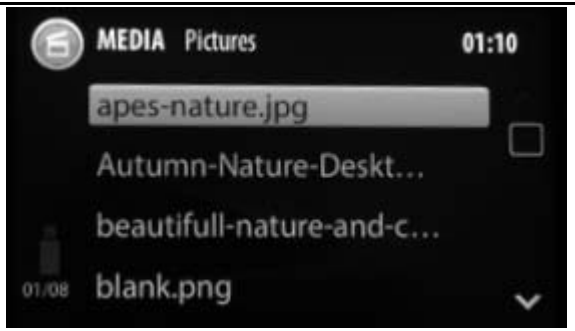

Figure 35: Media Pictures Screen

Navigating Between Pictures

The system facilitates viewing of the pictures files in a sequence, one after the other.

To view pictures in a sequence:

1. Select a picture file from the Picture screen. The system displays the picture in full screen.

   NOTE:

   Refer to the **Accessing the Picture Files** section for steps on displaying the Picture screen.

2. Touch the picture. The system displays the and arrows on the left and right corners.

Figure 36: Pictures Display Screen with Options

3. Tap the arrows to go to the previous or next image/ picture in the media source.

NOTE:

Large images can take sometime to display.

Closing a Picture

To close display of a picture:

1. Touch the picture. The system displays the icon at the right corner of the screen along with navigation arrows.
2. Tap the icon to close the picture. The system displays the Picture screen.

Shifting to Video Playback

If the media source contains video files also, you can view the video files using the Video Playback feature.

To shift to the video playback feature from within the Picture Viewer feature:

1. Press the OPTIONS button from within the Picture screen or the picture file display screen. The system displays a media browse screen.
2. In the media browse screen, select **Videos**. The system displays the Videos screen with the list of video files in the media device.

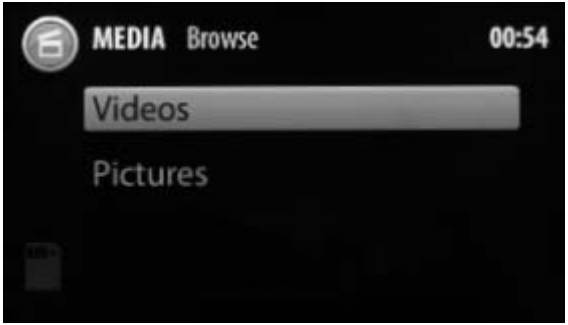

Figure 37: Media Browse Screen with Videos & Pictures Options

VIDEO PLAYBACK

If your USB/SD Card media device have video files, you can play them in the infotainment system. The system supports playback of .mp4, .avi and .divx video file formats.

DANGER :

Viewing of videos while driving can be a distraction and may lead to accidents. So, avoid accessing video files while driving.

Accessing the Video Files

You can view videos by using the video playback feature of the infotainment system. The feature is unavailable when the vehicle is in motion. While driving, if you select a video file, the system displays a warning message informing you not to open video files while driving.

While playing video files, if you start and drive your vehicle and the vehicle reaches a speed of 5 km/h or more, the system displays a warning message to indicate that the video will be closed and closes the video playback after 10 seconds, if no action is taken.

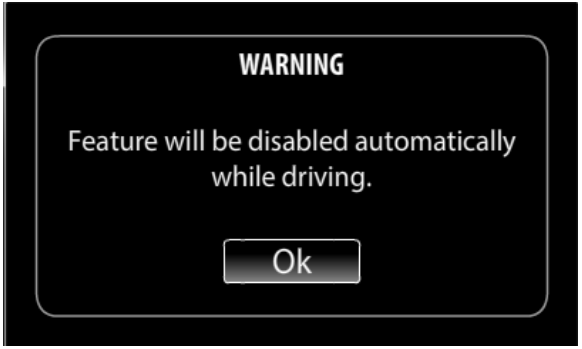

Figure 38: Closing Video Playback Warning Message

You can access the videos by selecting anyone of the following options:

1. **When there are no audio files and only video files exist in the media device:**
   1. When you insert the media source, the system displays a popup message informing you that there

are no audio files and prompting you to confirm whether you want to view the videos.

Figure 39: Popup Message When Only Video Files Exist

2. Select **Yes**. The system displays the Media->Browse screen with Videos and Pictures option.
3. Navigate to and select **Videos**. The system displays the Videos screen with the list of all videos in the media source.

2. When there are audio files and video files in the media device:

1. When you insert the media source, the system automatically starts playing the audio tracks in the device. To view videos, from within the Media Screen, by displaying the Browse screen and selecting **Videos** option. Refer to the **Browsing Through the Media Content** section for the steps to display the Browse screen.

NOTE:

You can also browse videos by pressing the OPTIONS button while playing audio files from a USB source/SD card.

Figure 40: Media Videos Screen

VIDEO RELATED OPERATIONS

The system allow you to perform the following operations on the video files:

- Play/pause video

  The steps for playing or pausing videos is similar to playing or pausing of music files. Refer to the **Pausing/Playing Music** section for the steps to pause or play a video.

- Handle video volume

  The steps for handling the volume of your video is similar to handling the volume of your audio. Refer to the **Handling Music Volume** section for the steps to handle the volume of your video.

- Repeat a video

  The steps for repeating a video is similar to repeating a music track. Refer to the **Repeating Track/Folder** section for the steps to repeat a video.

- Randomly play videos

  The steps for randomly playing videos is similar to randomly playing music tracks in a media source.

  Refer to the **Playing Tracks Randomly** section for the steps to randomly play videos in a media source.

- Play next/previous video

  The steps for playing the next or previous video is similar to playing the next or previous music file. Refer to the **Playing Next/Previous Music Tracks** section for the steps to play next or previous video.

- Perform Fast Forward/Fast Rewind of videos

  The steps for performing fast forward or fast rewind of a video is similar to performing fast forward or fast rewind of music tracks. Refer to the **Perform Fast Forward/Fast Rewind** section for the steps to fast forward or fast rewind a video.

  NOTE:

  The fast forward/ fast rewind is supported up to 4x speed only.

- Browse through videos

  The steps for browsing through the video files in a media source is similar to browsing through other media content. Refer to the **Browsing Through the Media Content** section for the steps to browse through video files.

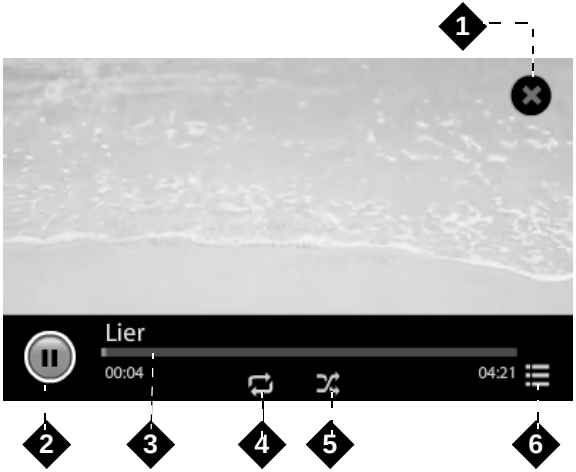

Figure 41: Video Playback Screen with Options

Table 7: Video Playback Screen Options

1.	Close Icon
2.	Play/Pause Touch Icon

Table 7: Video Playback Screen Options

3.	Progress Bar
4.	Repeat On/Off Icon
5.	Shuffle On/Off
6.	Browse Icon

Going to the Home Screen

To open the Home Screen from within a video playback:

1. In the Video Playback screen, press the button. The system pauses the video and displays the Home Screen.

NOTE:

To return back to the Video Playback screen, click the Media menu option or the paused video file name below it.

Figure 42: Home Screen with Paused Video

Closing a Video

To stop and close a video:

1. Touch the video. The system displays the icon at the right corner of the screen.
2. Tap the icon to close the video. The system closes the video playback screen and displays the Radio screen. The last played FM station is played.

Shifting to Picture Viewer

If the media source contains picture files also, you can view the picture files using the Picture Viewer feature.

To shift to the picture viewer from within the Video Playback feature:

1. Press the OPTIONS button from within the Videos screen or the video display screen. The system displays a media browse screen.
2. In the media browse screen, select **Pictures**. The system displays the Pictures screen with the list of picture files in the media device.

PHONE

Using the Bluetooth capability, you can pair and connect your phone to the CONNECTNEXT® infotainment system. Once both the devices are connected you can:

- Access the phone contents like phone book contacts, call logs, music and so on through the system.
- Make or attend phone calls even while driving through the infotainment system hands-free capability.

NOTE:

Few mobile phones may not support all the phone related features of the Infotainment system. It is recommended that you refer to the user manual of your mobile phone to understand its bluetooth and other capabilities.

ENABLE BLUETOOTH

To connect your cell phone to the infotainment system:

1. Turn ON the bluetooth capability and device visibility in your phone.
2. Activate the bluetooth capability of the infotainment system by:
   1. Press the SETUP button. The system displays the Setup menu options.
   2. Navigate to and select the Bluetooth option. The system lists various options to handle the bluetooth capabilities of the infotainment system.
   3. Navigate to and select the **Enable Bluetooth** check box. The infotainment system will now be able to recognize the bluetooth enabled devices around it.

NOTE:

If the visibility of the infotainment system is enabled, even the other devices with bluetooth capabilities can now search and view the infotainment system. For information on the steps to enable the system bluetooth visibility, refer to the **Enabling/Disabling System Bluetooth Visibility** section.

Figure 43: Bluetooth Screen

PAIR DEVICES

Connecting your phone with the infotainment system is called as pairing. The CONNECTNEXT® infotainment system supports a maximum of 10 paired devices. A device once paired need not be paired again unless the pairing is deleted. A phone with an existing pairing with the infotainment system will be automatically connected when bluetooth is enabled in both the devices and the phone is within the range of the system.

To connect your bluetooth enabled phone with the infotainment system:

1. In the Bluetooth options, navigate to and select Pair Device. The system searches for bluetooth enabled devices within its range.

   NOTE:

   When the search for bluetooth devices is initiated, the currently connected device must be temporarily disconnected. The system will prompt you with a confirmation message for disconnecting the connected paired devices.

Figure 44: Bluetooth Devices Search Message Popup

NOTE:

If you press the button when the bluetooth device search is in progress, the system stops the search and displays the Bluetooth options.

2. Navigate to and select the required phone from the list of currently available bluetooth enabled devices.

NOTE:

If there are already 10 devices paired to the system, a message will be displayed asking you to delete an existing pairing to enable a new pairing.

3. The system prompts you to confirm the bluetooth pin of the phone. Select **Yes**. The system initiates the pairing of the infotainment system and the selected phone. If the pairing is successful, the system displays the phone in the Paired Devices screen. A copy of your phone data like phone book (phone numbers and other contact details) is also created in the system.

NOTE:

If the pairing is initiated from the phone, the system displays a message to accept or reject the pairing request along with a bluetooth pin confirmation message. However, for initiating pairing from the phone, the 'Device Visibility' of the system my be enabled.

Guidelines for Pairing Devices

Some of the guidelines for successfully pairing and connecting your phone with the infotainment system are:

- Ensure that Bluetooth feature is switched ON in your phone for successful pairing or auto-connection with your infotainment system.
- Ensure that the phone and the infotainment system are set to be visible to one another (refer to the Bluetooth setup settings of your phone and infotainment system).
- Ensure that your phone is not in Battery Saver or Airplane mode.
- Ensure that the phone and infotainment system are close to each other (in range) and there are no obstructions blocking the phone and the infotainment system connectivity.
- Ensure that your phone book contacts do not have special characters or blanks before their name. If there are such contacts, please rename them.

Troubleshooting Steps for Pairing Devices

If you are unable to pair your phone with the infotainment system even after following the guidelines, try the following troubleshooting steps:

1. Refer to the user manual of your phone to verify whether all instructions for reset, connection and pairing have been followed.
2. Re-initiate Bluetooth pairing search or connection request either from the phone or the infotainment system. Pairing search enables faster pairing or connection between the devices.
3. If the above steps do not help, start the pairing process from the beginning.
4. If the pairing is still unsuccessful, try clearing the paired devices list from the Bluetooth settings of your phone and reset your phone, if required. Do the same on the infotainment system, if necessary.

If even after following the troubleshooting steps you are unable to pair the devices, any one of the following conditions might be true for your phone:

- Compatibility with 3rd party phones depends on the Bluetooth standards, Bluetooth versions, OS version and application software deployed on the phone by its manufacturer. So, the Bluetooth functions on your phone may not support pairing of devices or is not compatible with the infotainment system due to the differences in Bluetooth software versions.
- It is recommended that you update the firmware of your phone when you receive a message from the phone manufacturer prompting you to upgrade, as these upgrades are meant to provide the latest and more defect free software to you.
- Generally Bluetooth SIG certified phones are known to work reliably with the infotainment system. Please check if your phone complies with the Bluetooth standards.

MANAGE PAIRED DEVICES

The infotainment system allows you to:

- View the list of devices paired to it
- Connect to a paired device
- Disconnect a paired device
- Delete paired devices

VIEW PAIRED DEVICES

To view the list of devices paired with the infotainment system:

1. In the Bluetooth options, navigate to and select Paired **Device List**. The system displays the list of devices that are paired with the system.

NOTE:

You can also display the paired devices, by pressing the PHONE HK from within the Contacts or Call Log screens and selecting the **BTSetup** (BT Setup) button from the displayed phone submenu options popup.

Figure 45: Paired Devices Screen

CONNECT/DISCONNECT A PAIRED DEVICE

You can connect to a paired device to access the media related data like music and/or phone related data like contacts and call log stored in the device. Each device paired with the system are by default connected for both media and phone.

To connect or disconnect a paired device:

1. In the Paired Device screen, select the required device. The system displays the connection/disconnection options for the device.
2. You can select to connect/disconnect the device for:
   - Music only ( )
   - Phone only ( )
   - Both Music and Phone. (see Figure 45)

   Select the required option. The system connects/ disconnects the device as per the selected option.

NOTE:

You can also select/un select the Music () and/or Phone () icons beside the device in the Paired Device screen to connect/ disconnect the device as required.

DELETE PAIRED DEVICES

You can either delete a paired device or all devices that are currently paired with the infotainment system.

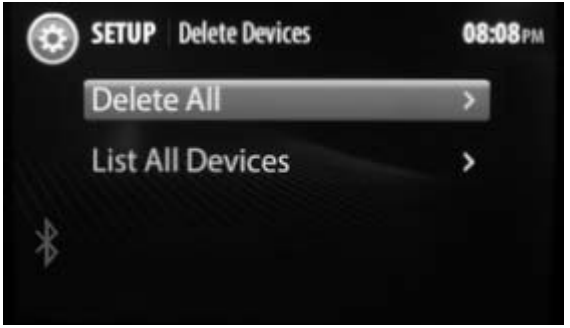

Figure 46: Delete Devices Screen

Deleting All Paired Devices

To delete all paired device:

1. In the Bluetooth options, navigate to and select **Delete Devices**. The system displays the delete options for the paired devices.
2. Select **Delete All** option. The system prompts you to confirm the deletion of all paired devices.
3. Select **Yes**. The system deletes all devices paired with the infotainment system.

Deleting a Paired Device

To delete a paired device:

1. In the Bluetooth options, navigate to and select **Delete Devices**. The system displays the delete options for the paired devices.
2. Select **List All Devices** option. The system displays the Paired Devices screen with the list of devices currently paired with the system.
3. Navigate to and select the required device for deletion. The system prompts you to confirm the deletion of the paired devices.
4. Select **Yes**. The system deletes the selected device that was paired with the infotainment system.

NOTE:

If the selected paired device is currently connected, the device will be disconnected before the device name is deleted from the pairing devices list.

MANAGE BLUETOOTH SETTINGS

In addition to pairing devices and managing the paired devices, the infotainment system allows you to:

- enable/disable the visibility of your system as a Bluetooth device.
- change the Bluetooth display name of your system.
- set the Bluetooth pin code of your system.

ENABLING/DISABLING SYSTEM BLUETOOTH VISIBILITY

To enable/disable the visibility of the system when other devices initiate a bluetooth devices search:

1. In the Bluetooth options, navigate to and select **Device Visibility**.When set, the system will be visible to other devices when they initiate a bluetooth devices search. If the visibility is not enabled, the system will not be listed when other devices search for Bluetooth devices around them.

NOTE:

When the visibility setting is changed, the bluetooth pairing with other devices, if any active, will be disconnected

CHANGING SYSTEM BLUETOOTH DISPLAY NAME

By default, the name that is used to recognize your infotainment system in other Bluetooth enabled devices is CONNECTNE><T.

To change the Bluetooth display name of your infotainment system:

1. In the Bluetooth options, navigate to and select **Device Name(<current device name>)**. The system displays the keypad with the current device name.
2. Type the required device name and select **Enter**. The system sets the new name as the Bluetooth display name of the system, which will be displayed when other devices initiate a bluetooth devices search. The system also displays the new name beside the Device Name option.

NOTE:

The device name must be less than or equal to 20 characters.

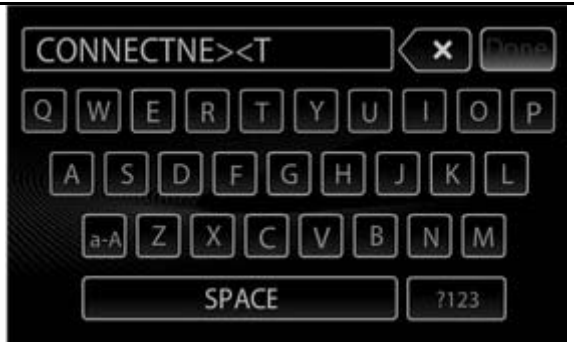

Figure 47: Keypad to Enter New Bluetooth Device Name

SETTING SYSTEM BLUETOOTH PIN CODE

To change the Bluetooth pin code of your infotainment system:

1. In the Bluetooth options, navigate to and select **Change PIN(<current pin code>)**.The system displays the keypad.
2. Type the required pin code and select **Enter**. The system sets the new pin as the Bluetooth pin code of the system, which can be used to connect to other devices, when they initiate pairing. The system also displays the new pin code beside the Change PIN option.

CHANGE PHONE SETTINGS

The infotainment system provide you with some advance phone functionalities like:

- Synchronizing the mobile phone and system phone book
- Setting notifications for new SMS
- Configuring automatic SMS for rejected calls

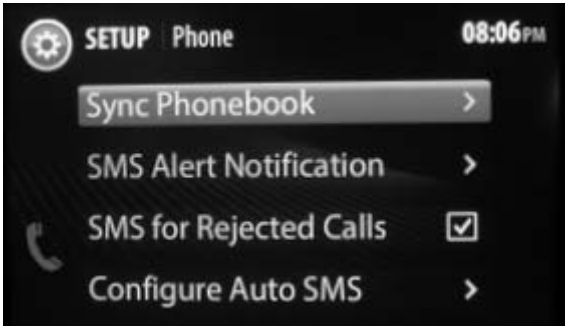

Figure 48: Phone Setup Screen

SYNCHRONIZING PHONE BOOK

On pairing a phone with your infotainment system, a copy of the phone book with the phone numbers and other contact details is created in the system. If you make any changes to the phone book, you can copy these changes in the system by synchronize phone book in both the devices.

To synchronize the phone books of the mobile phone and system:

1. Press the SETUP HK. The system displays the Setup menu options.
2. Navigate to and select the **Phone** option. The system lists various options to handle the phone related advance features of the infotainment system.

In the Phone options, navigate to and select **Sync Phone book**. The system initiates the phone book synchronization process and also displays a message for 10 seconds. Once the synchronization is completed, the system displays a message confirming the completion of refresh.

Figure 49: Message Popup for Phone Book Synchronization

Setting Notifications for New SMS

When you receive a new SMS on your mobile phone, the system can notify you of the SMS. The notification can be a beep and popup or only a beep.

To enable the SMS notification:

1. In the Phone options, navigate to and select **SMS Alert Notification**. The system displays the various SMS notification options.
2. Scroll to and select the required notification. The system sets the selected option for SMS notification and when you next receive a new SMS, you will be notified by the system accordingly.

NOTE:

If you select the Notify with Popup option, the system can also readout the new SMS to you. Refer to **Enable SMS Readout** section.

NOTE:

Support for this functionality is dependent on the capabilities supported by your phone. If your phone does not support notifications, this functionality may not work even after enabling.

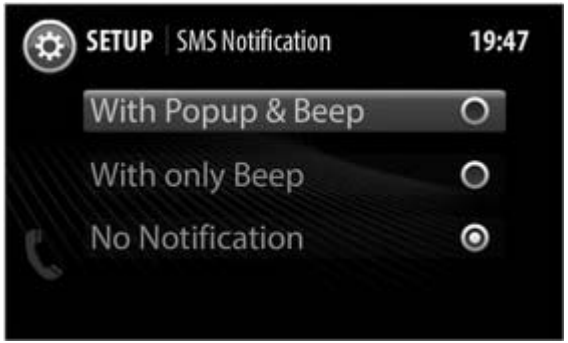

Figure 50: SMS Notifications Options

Configuring Automatic SMS for Rejected Calls

When you receive an incoming phone call, you can either accept or reject it. If you reject a call, you can configure the system to send an automatic SMS to the caller. You can also configure the text of the SMS, which will be sent.

To configure sending of automatic SMS for rejected calls:

1. In the Phone options, navigate to and select the **SMS for Rejected Calls** check box. The system will send an automatic SMS to the caller when you reject an incoming call next time.

To configure the automatic SMS text:

1. In the Phone options, navigate to and select **Configure Auto SMS**. The system displays the various SMS text options.
2. Navigate to and select the required SMS text from the options. The system selects the options button of the selected SMS text and also sends the text as SMS when you reject an incoming call next time.

NOTE:

The first 3 SMS text messages in the list cannot be changed. However, you can configure the remaining text messages as per your requirement.

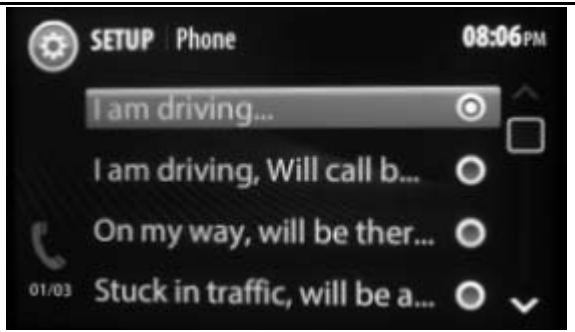

Figure 51: Auto SMS Options

PHONE FUNCTIONS

When a mobile phone is paired and connected to the infotainment system, you can handle the following phone operations through the hands-free capability of the system:

- Automatically connect to the mobile phone
- View phone details
- View call list (call log) and phone book (contacts)
- Make an outgoing call
- Accept/reject an incoming call
- Put a call on hold
- Handle two calls at a time
- Conduct a conference call
- Toggle between the Phone handset and the hands-free capability
- Hear to new SMS read out by the system

VIEWING PHONE DETAILS

From the infotainment system display screen, you can get details of your mobile phone like, battery strength, network strength and so on.

VIEWING CALL LOGS

You can view all calls, received or dialled from the infotainment system or missed when connected to the system, in the call list (call log). The system displays up to 10 past calls that were dialled or received using it.

To view the call list:

1. Press the PHONE button. The system displays the Call Log screen. The system can display details of up to 60 past calls in the Call Log screen.

   NOTE:

   If no mobile phone is paired/connected to the system, a popup message indicating the unavailability of a currently connected device is displayed. You are also prompted to pair a new device (mobile phone) in the message.

   NOTE:

   The system can take some time to display the list of calls and will display a message while it retrieves the call list.

VIEWING PHONE BOOK

The infotainment system allows you to view up to 1500 contacts stored in your phone book.

To view the contacts:

1. Press the PHONE button. The system displays the Call Log screen.
2. In the Call Log screen, press the PHONE HK again. The system displays the Phone submenu options in a popup.

NOTE:

In the Call Log screen, you can also select the Phone feature icon to display the phone submenu options popup.

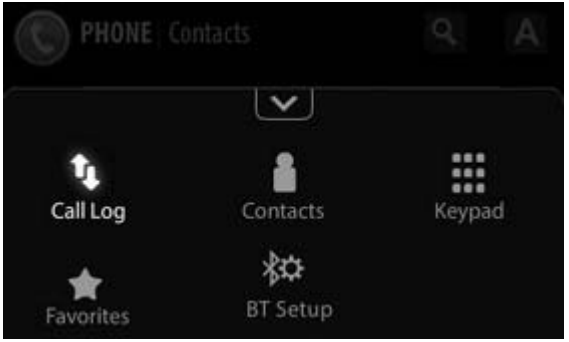

Figure 52: Phone Submenu Options

3. In the phone submenu options, navigate to and select the **Contacts** option. The system displays the Contacts screen with the list of contacts stored in your phone book.

NOTE:

The system can take some time to display the list of phone book contacts and will display a message while it retrieves the contact list.

NOTE:

Your phone must support PBAP (Phone Book Access Profile) to enable download and viewing of phone book contacts from the system.

MAKING AN OUTGOING CALL

The infotainment system supports four different ways of making a phone call. They are:

- Dialling by selecting the phone number from the call list
- Dialling by selecting the phone number from the phone book
- Dialling the phone number manually
- Dialling by selecting the phone number from the Favorites list
- Dialling using voice command.

NOTE:

Refer to the **Voice Recognition Commands** section to make a call using voice command.

Figure 53: Outgoing Call Screen

Manually Dialling a Phone Number

To make a call by manually dialling a phone number:

1. In the Phone submenu options, select the Keypad option. The system displays the Keypad to enter the phone number.

NOTE:

Refer to the **Viewing Call List** section for information on displaying the phone submenu options.

2. Enter the digits of the phone number in the keypad.
3. After entering the phone number, navigate to and select the Call button. The system initiates the outgoing call.

NOTE:

To delete an incorrect entry, use the button in the keypad to delete the entire number or digits in the number. On pressing the clear button, the system deletes one digit at a time starting with the last digit in the number.

NOTE:

The system retains the phone number that was last dialled in the Keypad. So, if you want to redial the phone number, you can just open the Keypad and select the Call button.

Dialling Using the Phone Book

To make a call by dialling a number in the phone book:

1. Open the Contacts screen. Refer to the **Viewing Phone Book** section for the steps to open the Contacts screen.
2. Navigate to through the contacts in the contact list and select the required number. The system dials the selected number and initiates the outgoing call.

NOTE:

To quickly select the required number, you can use any one of the following contact search steps:

- **Using the search option**
- **Using the filtering option**

Using the Search Option

One of the quick way of selecting the required number from the phone book is by searching for the number using the contact name.

To search for the number:

1. In the Contacts screen, start browsing through the contact list. The system enables the search and filtering icons.
2. Select the search icon. The system displays an alphabetic keypad with the Search button greyed out.
3. Enter the complete/part of the contact name and select **Search**. The system searches the phone book and lists the contacts that match the entered name.
4. Select the number or browse through the matching entries and select the required number. The system dials the selected number and initiates the outgoing call.

Using the Filtering Option

The filtering option allows you to quickly search the phone book and select the requirement number, even if you are unaware of the complete/part of the contact name and just remember the starting alphabet of the name.

To search for the number:

1. Start browsing through the contact list. The system enables the search and filtering icons.
2. Select the filtering icon. The system displays an alphabetic keypad.
3. Select the starting alphabet of the contact name. The system displays all the contacts in the phone book whose names start with the selected alphabet.

Figure 54: Alphabetic Keypad Screen

4. Select the number or browse through the matching entries and select the required number. The system dials the selected number and initiates the outgoing call.

Dialling Using the Call Log

To dial a number from the list of previous calls (call log):

1. Display the call list. Refer to the **Viewing Call List** section for information on displaying the call list.
2. Select the required number from the list. The system dials the selected number and initiates the outgoing call

Dialling Using the Favorites List

The infotainment system supports marking some contacts as favorites. The system also allows you to view and access these favorite contacts separately from the Favorites screen, in addition to the Contacts screen.

Marking a Contact as Favorite

To mark a contact as favorite:

1. In the Contacts screen, press the grey star ( ) displayed beside the required contact. The system highlights the star and the contact is marked as favorite.

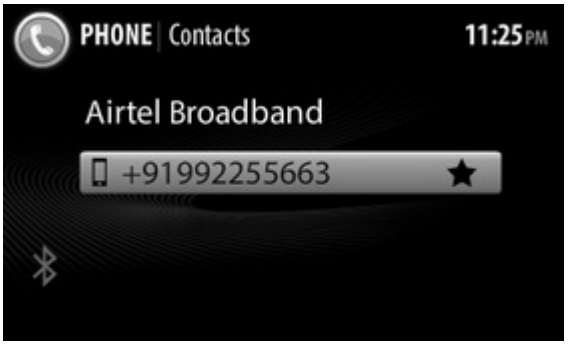

Figure 55: Contacts Screen with Favorites Star

NOTE:

If a contact has more than one number, the system displays an arrow beside the contact name/number instead of a star. You can view all the numbers of the contact by selecting the arrow and then pressing the star beside each number to add them to the Favorites list.

Viewing the Favorites List

You can identify the contacts marked as favorite with the highlighted star in the Contacts screen. All favorite contacts can also be separately viewed in the Favorites screen.

To display the Favorites screen:

1. Open the Call Log screen. Refer to the **Viewing Call List** section for the steps to open the Call Log screen.
2. Press the PHONE HK. The system displays the phone submenu options popup.
3. In the phone submenu options popup, select the Favorites option. The system displays the Favorites screen with the list of favorite contacts.

Dialling a Favorite Number

To dial a favorite contact:

1. Open the Favorites screen. The system lists all contacts marked as favorite.
2. Navigate to and select the required favorite contact. The system dials the number of the selected favorite contact and initiates the outgoing call.

ACCEPTING/REJECTING AN INCOMING PHONE CALL

When you receive a phone call, you can either accept or reject the call using the infotainment system.

If your mobile phone is paired and currently connected to the system, the system notifies you with a popup message when you receive a phone call. The system allows you to Accept or Reject or Reject with Message the incoming call.

In the Reject with Message option, the system rejects the call and also sends a SMS to the caller with the configured text. Refer to **Configuring Automatic SMS for Rejected Calls** section for the steps to configure automatic SMS.

To accept the incoming call:

1. Select the **Accept** button in the popup message. The system connects the call to enable you to talk to the caller.

NOTE:

You can also accept the call using the Steering Wheel control.

To reject the incoming call:

Figure 56: Incoming Call Screen

1. Select the **Reject** button in the popup message. The system disconnects the call.

NOTE:

You can also reject the call using the Steering Wheel control.

To reject the incoming call and send a SMS to the caller:

2. Select the **Reject with Message** button in the popup message. The system rejects the call and sends an SMS to the caller.

Handling In-Call Functions

When you are in a call (outgoing or incoming), the system supports you to perform any of the following functions:

- Respond to the Interactive Voice Response (IVR) with the required details
- Put the call on hold
- Switch between phone (handset) and system (hands-free) capability
- Accept another incoming call
- Switch between calls
- Conduct a conference call by adding another number or by merging two existing calls
- Mute the microphone
- End the call

Responding to the IVR

When you have called a contact with Interactive Voice Response (IVR) like customer care number of bank and so on, you will have to enter some details through the phone. For

example, you might have to enter your bank account number, when prompted by the IVR. You can use the Keypad in-call option to enter such details through the infotainment system.

To display the Keypad and to respond to the IVR with details:

1. In the active call screen, press the **Keypad** button using the touch screen. The system displays a keypad for you to enter the details as prompted by the IVR.

Putting a Call on Hold

To put a call on hold:

1. In the active call screen, press the **Hold** button using the touch screen. The system puts the currently active call on hold.

Switching Between Handset and Hands-Free

When in an active call, the system allows you to switch between the phone handset and its hands-free capability and also vise versa.

To toggle between phone and system:

1. In the active call screen, press the **Handset** button using the touch screen to switch the call from system to phone or the **Handsfree** button to switch from phone to system.

Accepting Another Incoming Call

When you are in an active call and receive another incoming call, you can put the active call on hold and accept the new call. The system allows you to have a maximum of 2 calls at any given time, one on hold and the other active.

To accept another incoming call:

1. In the active call screen, the system displays a new call popup message with Accept, Reject and Reject with Message buttons, when you receive a new incoming call. Select the **Accept** button in the new call popup message. The system puts the first call on hold and activates the new call.

Switching Between Calls

When you have 2 calls happening simultaneously (one on hold and other active), the system allows you to switch between the calls without ending any of them.

To switch between calls:

1. In the active call screen, select the **Swap** button. The system puts the active call on hold and activates the second call, which was on hold till then. To activate the previous call, follow the same step.

Conducting a Conference Call

When in an active call, you can connect an additional phone number to create a conference call between the contacts. You can create a conference call by either dialling to an additional number or by accepting a new incoming call.

To create a conference call by dialling additional number:

1. In the active call screen, press the **Add Call** button. The system puts the active call on hold and displays the Contacts screen. You can dial the additional number from the contacts list or from the call log, the favorites list or keypad.
2. Follow the steps listed in the **Making an Outgoing Call** section for dialling a number using the various options. The system initiates an outgoing call for the selected number.
3. In the new call screen, press the **Merge** button using the touch screen. The system merges the 2 calls (one on hold and one new call) to create a conference call. The first call is activated before merger.

Figure 57: Phone In-Call Options

To create a conference call by accepting a new incoming call:

Figure 58: Conference Call Created

1. Accept a new incoming call as detailed in the **Accepting Another Incoming Call** section.
2. In the new call screen, press the **Merge** button using the touch screen. The system merges the 2 calls (one on hold and one new call) to create a conference call. The first call is activated before merger.

Muting the Microphone

When in a call (both individual call and conference call), you can mute the microphone to disable the other participant(s) in the call from hearing you.

To mute the microphone,

1. In the active call screen, select the mute microphone icon.

NOTE:

To un-mute the microphone, repeat the above step again.

Ending a Call

To end an active call:

1. In the active call screen, select the **End** button. The system disconnects the call.

NOTE:

You can also end the active call using the Steering Wheel control.

Enable SMS Readout

While driving the vehicle, you will be unable to read a new SMS that you receive. The infotainment system can solve this problem by reading out the SMS for you.

To enable the system to readout a new SMS:

1. Ensure that you have selected **Notify with Popup** option for **SMS Alert Notification**. Refer to **Setting notifications for new SMS** section. When you receive a new SMS, the system will display a popup message.
2. Select **Read Out** in the Popup message. The system reads out the new SMS for you.

CONNECTNEXT® APPS

GENERAL INFORMATION

CONNECTNEXT® app will give information about the compatible apps that works with the infotainment system. It is mandatory to install this app in the smartphone for other compatible apps to function properly.

NOTE:

The apps compatibility will depend on the vehicle variant.

KEY FEATURES

The key features of the CONNECTNEXT® app are as given below:

- This app will display all compatible apps once mobile is connected with vehicle infotainment system.
- CONNECTNEXT® App displays all apps developed for working with infotainment system along with compatible apps.

NOTE:

CONNECTNEXT® app and apps working with CONNECTNEXT® app are compatible to mobile with Android operating system only.

NOTE:

Installation of CONNECTNEXT® app in the smartphone is mandatory for the functioning of the compatible apps with your vehicle.

NOTE:

Smartphone shall be connected to infotainment system and internet connectivity should be enabled in order to configure the CONNECTNEXT® app for the first time in the vehicle.

NOTE:

Not all mobiles with different operating system versions supports app functionality reliably. There are mobiles in which app crashes/closes intermittently due to device specific implementations.

INSTALLING CONNECTNEXT® APP

To install the CONNECTNEXT® app:

1. Open Google Playstore on your android based smartphone.
2. Search for the CONNECTNEXT app.
3. Download and install CONNECTNEXT app on your smart phone.The CONNECTNEXT app Icon is displayed on your smartphone.

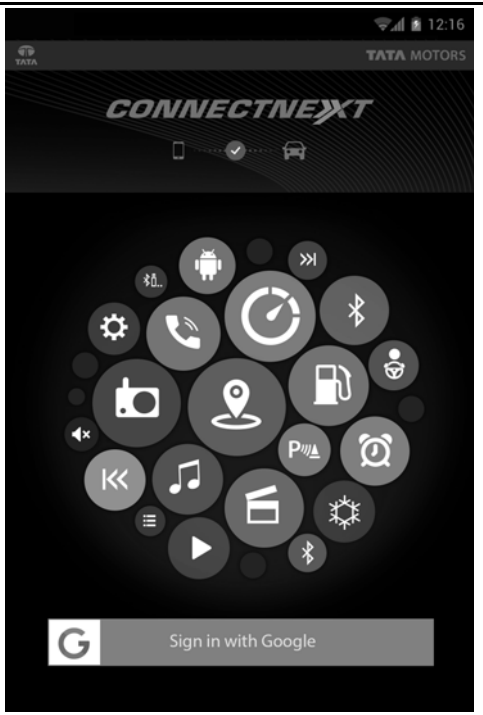

Figure 59: CONNECTNEXT® App Home Screen

CONFIGURING CONNECTNEXT® APP

To configure the CONNECTNEXT® app:

1. Ensure that you have at least one Google account configured in the smartphone.
2. Click the CONNECTNEXT® app icon in your smartphone home screen. The app is opened.
3. Connect smartphone with the vehicle infotainment system via Bluetooth or USB. The connection status symbol will turn as green after successful connection.

   NOTE:

   At the time of configuration of the CONNECTNEXT app, Internet connectivity must be available.
4. Click on the button with the Google icon.
5. If you are signing in to the CONNECTNEXT® app for the first time, you will be prompted to enter your name. The CONNECTNEXT® app Home screen will be displayed after successful sign in and configuration.

CONNECTNEXT® APP HOME SCREEN

There are three tabs displayed in the CONNECTNEXT® app Home Screen, **All**, **Compatible** and **Installed**.

- The **All** tab consists of the list of apps that work with the CONNECTNEXT® app.
- The **Compatible** tab consists of the list of apps that are compatible with the currently connected vehicle, after configuration.
- The **Installed** tab consists of the list of apps that are currently installed in the smartphone and compatible with the CONNECTNEXT® app.

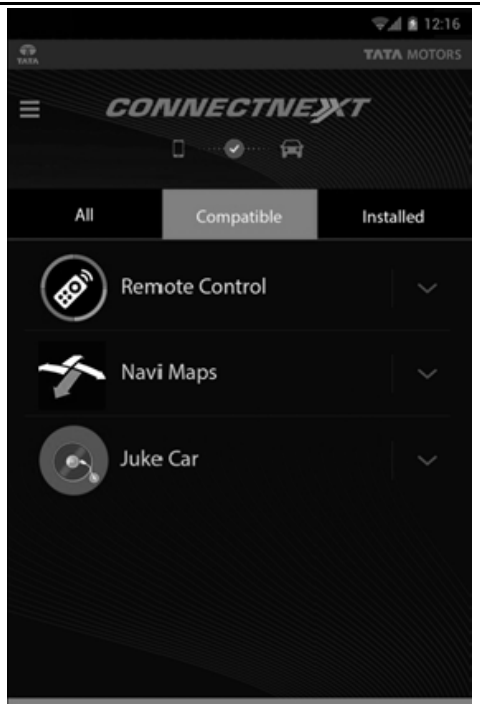

Figure 60: CONNECTNEXT® App Compatible Tab

NOTE:

If an app is compatible with the CONNECTNEXT® app and is currently not installed in your smartphone, you can install the app by just clicking on the app icon.

NOTE:

If an app is compatible with the CONNECTNEXT® app and is currently installed in your smartphone, you can launch the by clicking on the app icon from any of the tabs.

NOTE:

You can read short description of the app by clicking on the drop down icon provided along with app. You can also view the installation status and compatibility status of the app.

NOTE:

Actual screen of the app may slightly differ from the images shown.

CONNECTNEXT® App User Profile Information

You can view the following information related to your profile in the CONNECTNEXT® app:

- User Profile
  - Name
  - Email Id
- Last Connected vehicle
  - Vehicle Identification Number (may depend on your vehicle variant)
  - Vehicle Name

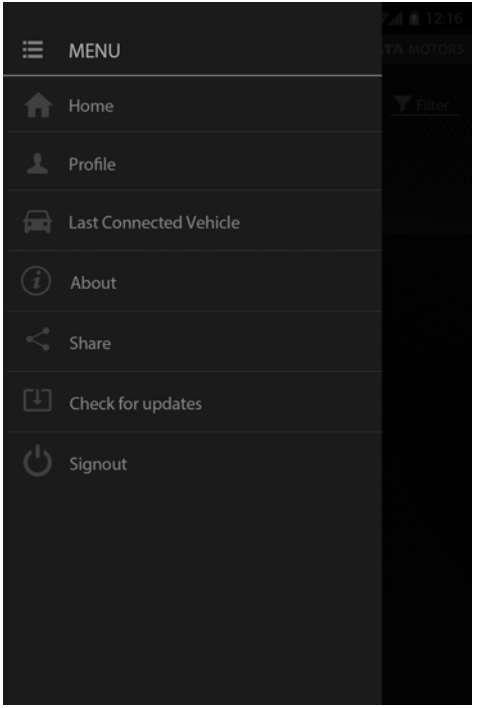

Figure 61: CONNECTNEXT® App Menu

CONNECTNEXT® APPS

The following apps, which work with the CONNECTNEXT® app, can be used in the TATA Hexa vehicle, by connecting your smartphone to the Infotainment system.

- NaviMaps App
- Remote Control Application
- Juke-Car App

NAVIGATION FEATURE

General Information

Navigation in general refers to the process of identifying our current position and accordingly planning and following a specific route to reach our required destination. A Navigation application helps us to do this even when we have limited or no information about our current location and its surroundings.

Mobile Navigation App Vs Embedded Navigation Systems

Commonly, automobiles with navigation facility come with embedded navigation systems. However, these systems have the following drawbacks:

1. They are generally high priced
2. They come with a fixed set of map(s), which can be upgraded with the help of the dealer or vendor, if required and if available.

The latest Mobile based Navigation Apps eradicate these drawbacks. They are comparatively cheaper and as they are Internet based, they can be upgraded with new or latest maps when ever required.

The path breaking Navigation feature of the CONNECTNEXT® Infotainment System allows you to take complete advantage of these benefits of a Mobile based Navigation app.

Using the Navigation feature, you can integrate your vehicle infotainment system with the NaviMaps Mobile Navigation App. For the integration, you just need to download and install the NaviMaps App and the ConnectNext Apps on your smartphone and connect your smartphone to the infotainment system through USB.

NOTE:

All navigation functions of NaviMaps App that are available through your smartphone device may not be available through the infotainment system. Refer to the **CONNECTNEXT® Nav. Limitations** section for more information on the limitations.

Traffic Rules and Road Safety

A navigation system/application can only guide with the best possible route to reach your destination after considering the current traffic situations. It is your responsibility to follow the traffic rules and road safety rules while driving.

Safety Tips

You must be vigilant about the hazards or problems in the road and also about any other traffic regulation that are recently introduced like conversion of a road to one-way. If a navigation instruction provided by the app contradicts a traffic regulation, please follow only the traffic regulation.

INSTALLING APPS FOR NAVIGATION

The CONNECTNEXT® Navigation feature requires the installation of the following 2 Mobile Apps that can be downloaded from your smartphone Google Android Play Store:

- ***NaviMaps App***: This is the navigation application.
- ***ConnectNext App***: This applications is responsible for establishing the connection between your smartphone and your vehicle CONNECTNEXT® infotainment system. For information on installing the ConnectNext App, refer to the **Install ConnectNext Apps** section.

INSTALL NAVIMAPS APP

The ConnectNext app replicate the navigation functionality of the NaviMap App on your vehicle CONNECTNEXT® infotainment system.

To install the NaviMaps App:

1. Open the Play Store on your Android based smartphone.
2. Search and find the NaviMaps App.
3. Tap the NaviMaps App icon. The app page is displayed.
4. Tap the **Get** button. The Install button is displayed.
5. Tap the **Install** button. The app is downloaded and installed on your smartphone.

Installing Navigation Maps

The NaviMaps app supports the following 4 region maps for India:

- East
- South
- North
- Central

You can download the map of your choice from the **NaviMaps** app-> **Manage Maps** menu option. Refer to the **Manage Maps** section for more information on the maps and the steps for installing them.

UNLOCK NAVIMAPS PREMIUM FUNCTIONALITIES

To unlock the NaviMaps app premium functionalities:

1. Connect your smartphone to the infotainment system. For the steps on connecting to the infotainment

system, refer to the **Connect to the Infotainment System** section.

2. Once the connection between your smartphone and the vehicle infotainment system is enabled, the smartphone is authenticated. If authenticity is approved, the premium functionalities of NaviMaps like Pro Guidance, Live Traffic and so on are unlocked.

NOTE:

CONNECTNEXT® app must be installed in your smartphone for using the NaviMaps app for navigation functionalities.

NOTE:

CONNECTNEXT® app in your smartphone must be connected to your vehicle infotainment system to start using the NaviMaps app.

NOTE:

While enabling turn by turn guidance in NaviMaps, your smartphone must be connected to your vehicle infotainment system via USB and internet connection must be enabled for data connectivity.

CONNECTNEXT® NAVIGATION

The CONNECTNEXT® Navigation feature allows you to integrate your vehicle infotainment system with the NaviMaps Mobile app and utilize the navigation features of the app while driving from within the system.

To use the Navigation feature, you must first have installed the ConnectNext apps on your smartphone, in addition to the NaviMaps App. Refer to the **Installing APPs for Navigation** section for the installation steps. Next you will need to connect your smartphone to the infotainment system.

GET STARTED WITH THE NAVIGATION FEATURE

When the connection between the vehicle and the ConnectNext app is enabled, the Navigation menu option in the Home Screen is enabled/highlighted. You can now start using the Navigation feature.

Figure 62: Home Screen with Navigation Menu Option

To start using the Navigation feature:

1. Tap the **Navigation** menu option. The system prompts you to initiate the NaviMaps app and select the required destination in your smartphone.

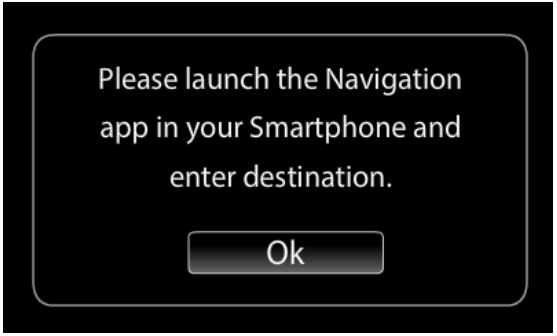

Figure 63: Initiate NaviMaps & Select Destination Prompt

Figure 64: Connect Smartphone & Install NaviMaps Prompt

NOTE:

If the connection between the vehicle and the ConnectNext app is disabled or the NaviMaps app is not installed and you tap the Navigation menu option, the system prompts you with a message.

2. Once you set the destination in your smartphone, the infotainment system displays a disclaimer. The system auto-closes the disclaimer after **5 seconds** and displays the direction to the selected destination in the Navigation screen (Map screen in the smartphone).

   The Navigation Screen contains the following details/ functions:

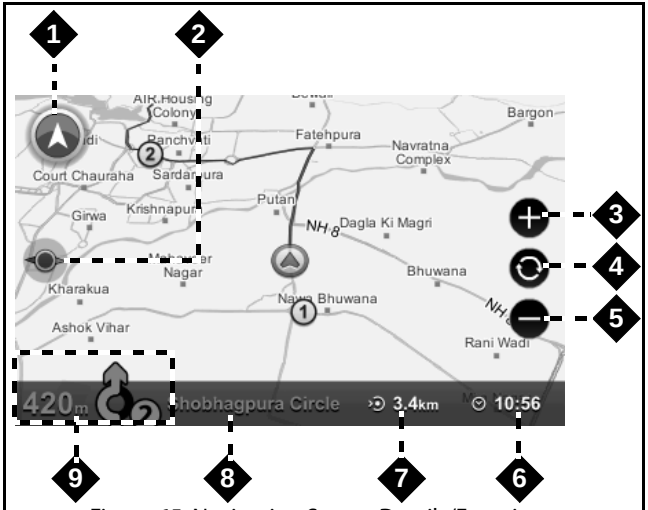

Figure 65: Navigation Screen Details/Functions

Table 9: Navigation Screen Details/Functions

1.	Navigation Feature Icon

Table 9: Navigation Screen Details/Functions

2.	The Show North Icon
3.	Zoom In Icon
4.	Return to Default Zoom Icon
5.	Zoom Out Icon
6.	Tentative Time of Arrival At the Destination **NOTE:** The time of arrival is calculated as per the smartphone clock and not the infotainment system clock.
7.	Total Distance From the Start Point to the Destination
8.	Name of the Current Road/Street
9.	Distance and Direction of the Next Turn

NAVIGATION OPTIONS

The Navigation screen provides you with the following 5 options to handle the navigations:

- Recent
- Favorites
- POI
- Setup
- Route

To select the required option:

1. In the Navigation screen, touch the Feature icon on the screen. The system displays the Navigation submenu options popup.

   NOTE:

   The Navigation submenu options popup will also be displayed, when you press the OPTIONS button from within the Navigation screen.
2. Tap the required option from the popup.

Recent Places

When selected, the Recent option displays the list of recently travelled destinations. From the list of recent destinations, you can select anyone destination as a new destination or as a via point.

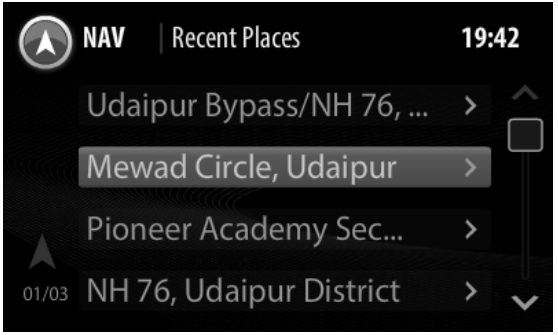

Figure 66: Navigation - Recent Places List

Favorites

When selected, the Favorites option displays the list of destinations that you had saved as your favorite destinations. From the list of favorites destinations, you can select anyone destination as a new destination or as a via point.

NOTE:

The infotainment system only displays the list of favorite destinations. You can set a destination as your favorite only from the smartphone NaviMaps app.

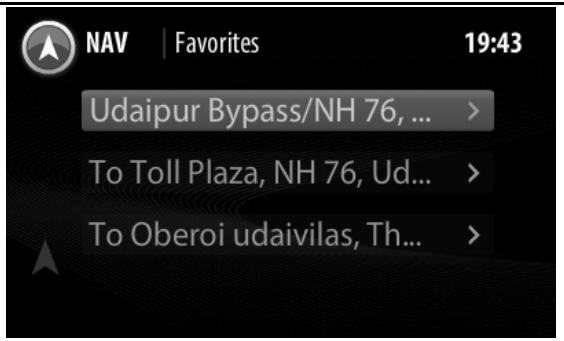

Figure 67: Navigation - Favorites List

POI (Point of Interest)

When selected, the POI option displays the following list of 20 POI categories.

- Restaurants
- Parking places
- Fuel stations
- Vehicle service stations
- Pharmacies

- Clinics
- Hospitals
- Police stations
- ATMs
- Post offices
- Bus stops
- Taxi stands
- Airports
- Train stations
- Shopping malls
- Hotels
- Banks
- Courier services
- Museums
- Educational institutes
- Cafe and Bars
- Cinemas
- TATA Dealership
- Places of worship

You can browse and select the required category to view the related POIs near you. From the list of related POIs, you can select anyone POI as a new destination or as a via point.

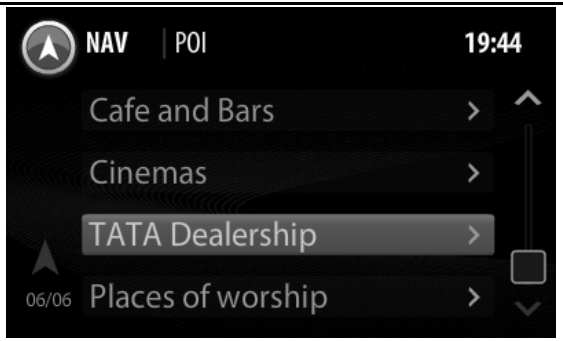

Figure 68: Navigation - POI Category List

Figure 69: Navigation - POI List for Selected Category

Route

When selected, the Route option displays the route directions for a destination as a list of turn-by- turn textual descriptions with corresponding descriptive icons in sequence. You can view the route directions for a currently set destination or a recent destination or a favorite destination or a POI.

Setup

When selected, the Setup option allows you to perform the following actions:

- Enable/disable navigation voice prompts
- Set the navigation voice prompt volume

To enable navigation voice prompts:

1. In the Navigation submenu options, tap the **Setup** icon. The system displays the Nav (Navigation) Setup screen.
2. In the Setup screen, select the **Navigation voice prompts** checkbox. The system enables navigation voice prompts.

NOTE:

To disable navigation voice prompts un select the **Navigation voice prompts** checkbox.

NOTE:

In some smartphones, the navigation voice prompts are not supported through USB. For such smartphones, you can connect the smartphone through Bluetooth audio steaming in addition to connecting through the USB. To listen to the navigation voice prompts, do also ensure that the infotainment system active media source is, Bluetooth audio streaming. The audibility of the navigation voice prompts through the Bluetooth audio streaming is dependent on the smartphone implementation.

NOTE:

If navigation voice prompts are routed through Bluetooth audio streaming, the Navigation Setup options will be non-functional.

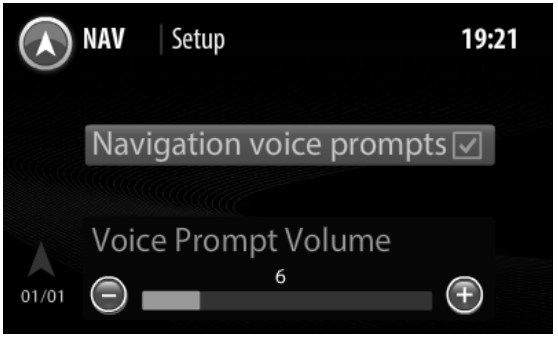

Figure 70: Navigation - Setup Screen

To set the navigation voice prompt volume:

3. In the Navigation submenu options, tap the **Setup** icon. The system displays the Nav (Navigation) Setup screen.
4. In the Setup screen, highlight the **Voice Prompt Volume** field, modify the settings of the field, by setting it to a new value in the range of **0 to 30**.

NOTE:

The system sets the volume of the Navigation voice prompt also as the volume of the Voice Recognition feature.

Navigation Feature Concurrences

In this section we will look at how the Navigation feature functions behaves in collaboration with the other features of the CONNECTNEXT® infotainment system.

When vehicle is switched-off

In a active navigation mode, if you stop your vehicle and remove the key but, do not disconnect your smartphone from the USB port, when you re-start the vehicle, the Navigation Main menu option will be enabled. If NaviMaps app is still running in the connected phone, the system will switch to active navigation mode when you select the Navigation menu option.

When a media source or radio is played

You can initiate the navigation to a destination and then play a media source or radio. The navigation will be continued in the background. When navigation prompts are generated i.e. indicators of turnings and so on, the visual prompts are displayed on top of the Media/Radio screen. The system reduces the volume of the media source/radio station and plays the navigation audio prompts.

NOTE:

When you are in the Navigation screen in active navigation mode, changes to media source/radio like change in media file/radio station played will be displayed by the system on top of the Navigation screen.

Figure 71: Navigation Prompt on top of the Radio Screen

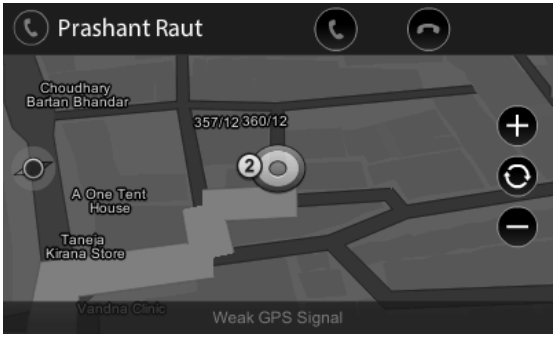

Figure 72: Navigation Screen with Incoming Call Details

When an incoming call is received

During an active navigation mode, if you receive an incoming call, the system displays the call details on top of the Navigation screen. You can either accept or drop the call. If accepted, the navigation audio prompts are muted till the call is completed. Only the navigation visual prompts will be available.

Figure 73: Navigation Screen with Call In progress

When reversing the vehicle

During an active navigation mode, if you engage the Reverse gear, the system displays the Park Assist screen and mutes the visual and audio navigation prompts. Once the Reverse gear is disengaged, the Navigation screen with the direction details of the destination will be shown again, along with the visual and audio prompts.

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For better performance, certain features are optimized at the Infotainment System end and the functionality of Navigation might not be exactly the same as it appears in the smartphone.

e.g. 3D landmark view is not present in the infotainment system and 2D building footprints are displayed as flat polygons.

This is a generic version of the user manual. Some of the features listed here may vary on your device. In case of any query, please contact us:

68 - Okhla Industrial Estate, Phase 3, New Delhi - 110020, Ph: +91-11 4600 9900, +91-9999333223/4

E-mail: support@mapmyindia.com

Web: www.mapmyindia.com

CONNECTNEXT® NAV LIMITS

The following limitations are applicable to the integration or usage of the Mobile based navigation app, NaviMaps, from the CONNECTNEXT® infotainment system:

- Typing of a destination location through the infotainment system is unavailable. You can set a destination location from the infotainment system, by selecting the location from a list of favorite destinations, recent destinations or POIs.
- The 3D elements shown on the phone map will not be shown on the infotainment system screen.
- The touch controls that appear along with the map on the phone screen will not be replicated on the infotainment system screen.
- Destination setting with speech command is not supported.

NOTE:

Though the Navigation feature supports Voice Recognition, in an active navigation mode, when Voice Recognition is activated, the icon is not displayed on the right top corner of the screen to indicate the activation of voice recognition.

- In some smartphones, the navigation voice prompts are not supported through USB. For such smartphones, you can also connect the smartphone through Bluetooth audio steaming. The navigation voice prompts will be heard through the Bluetooth connection.
- The Navigation feature of the infotainment system is supported only on some smartphones i.e. only on smartphones that have Android 4.0 ICS or above.

REMOTE CONTROL APPLICATION

The Remove Control Application can be used to control/access the Media, Radio and Audio Setup options of the infotainment system. The Remote Control Application feature requires the installation of the following 2 Mobile Apps that can be downloaded from your smartphone Google Android Play Store:

- ***ConnectNext App***: This applications is responsible for establishing the connection between your smartphone and your vehicle CONNECTNEXT® infotainment system. For information on installing the ConnectNext App, refer to the **Install ConnectNext Apps** section.
- ***Remote Control Application***: This is the remote control application.

INSTALL REMOTE CONTROL APPLICATION

To install the Remote Control Application:

1. Open the Play Store on your Android based smartphone.
2. Search and find the Remote Control Application.
3. Tap the Remote Control Application icon. The app page is displayed.
4. Tap the **Get** button. The Install button is displayed.
5. Tap the **Install** button. The app is downloaded and installed on your smartphone.

CONNECT REMOTE CONTROL APPLICATION TO THE INFOTAINMENT SYSTEM

To connect to the infotainment system and start the Remote Control Application:

1. Tap the

app icon on your smartphone. The Remote Control Application is launched. Once the connection with the infotainment system is established, the Remote Control Application Home screen is displayed.

NOTE:

If the connection with the infotainment system is lost, the app is disconnected.

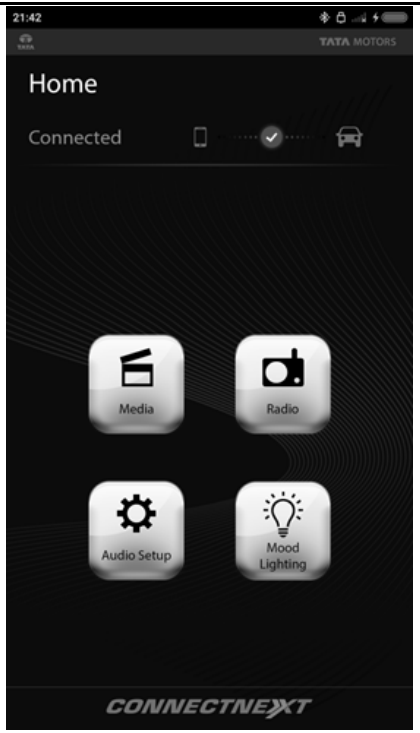

Figure 74: Remote Control Application Home Screen

Using the Remote Control Application, radio, media and audio settings, which are frequently operated in your Infotainment system can be controlled from your smartphone.

NOTE:

CONNECTNEXT® app must be installed in your smartphone for using the Remote Control Application.

NOTE:

CONNECTNEXT® app in the smartphone must be connected to your vehicle infotainment system to start using the Remote Control Application.

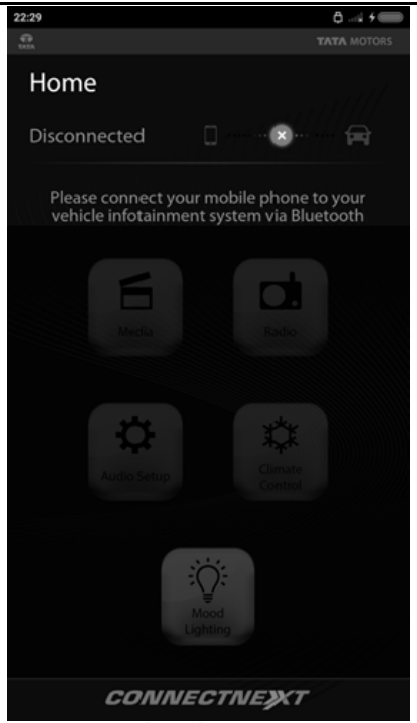

Figure 75: Remote Control Application Home Screen Connection Disconnected

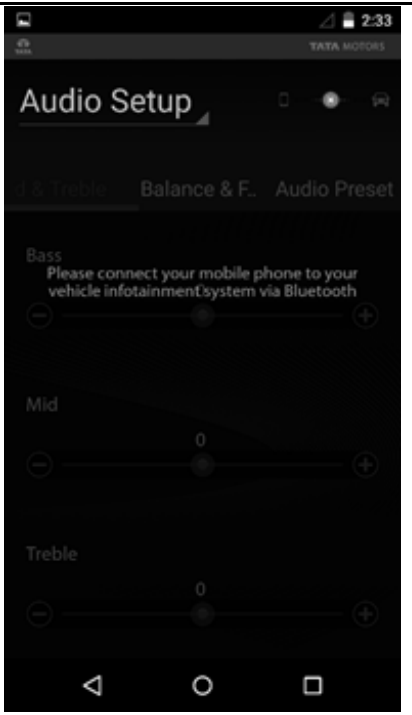

Figure 76: Remote Control Application Audio Setup Screen - Connection Disconnected

HANDLE MEDIA

To access the Media options from the Remote Control Application:

1. Tap the icon on the Remote Control Application Home screen. The Remote Control Application Media screen is displayed. Similar to accessing the Media controls from the infotainment system, you can access the media controls from the Remote Control Application. Refer to the **Media** section for information on the various controls and functionalities that are available for media.

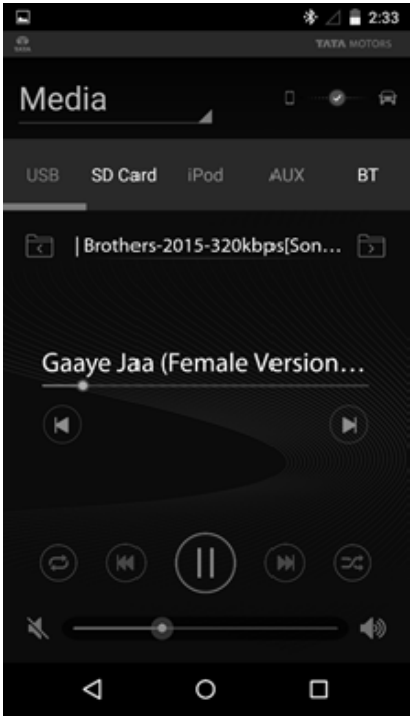

Figure 77: Remote Control Application Media Screen

HANDLE RADIO

To access the Radio options from the Remote Control Application:

1. Tap the

icon on the Remote Control Application Home screen. The Remote Control Application Radio screen is displayed. Similar to accessing the Radio controls from the infotainment system, you can access the radio controls from the Remote Control Application. Refer to the **Radio** section for information on the various controls and functionalities that are available for radio.

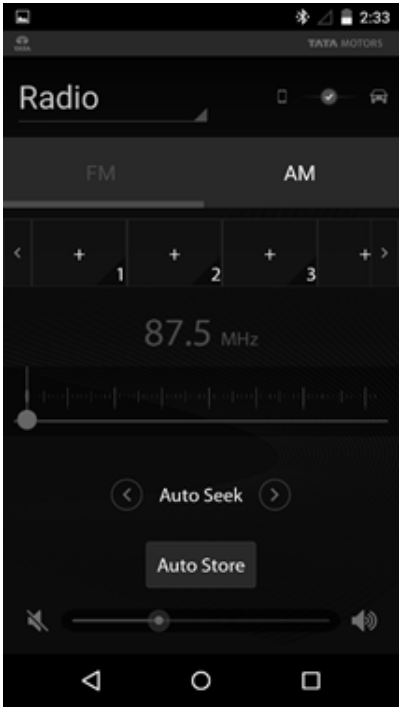

Figure 78: Remote Control Application Radio Screen

HANDLE AUDIO SETUP

To access the audio setup options from the Remote Control Application:

1. Tap the

icon on the Remote Control Application Audio Setup screen. The Remote Control Application Audio Setup screen is displayed. Similar to accessing the Audio Setup controls from the infotainment system, you can access the audio setup controls from the Remote Control Application. Refer to the **Change Audio Setup** section for information on the various controls and functionalities that are available for audio setup.

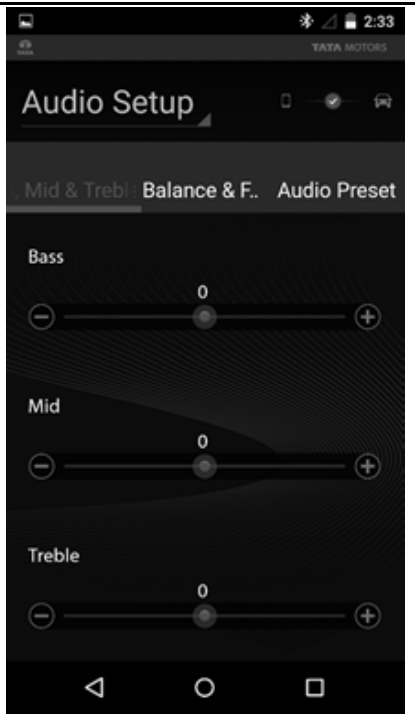

Figure 79: Remote Control Application Audio Setup Screen

JUKE-CAR APPLICATION

The Juke-Car Application is a music player app, which allows you to pool tracks from multiple smartphones when they are connected to your smartphone via WI-FI Hotspot.

When your smartphone is connected to the CONNECTNEXT® infotainment system (through Bluetooth or AUX), you can start hosting a common playlist by using the Juke-Car App. Your friends/other passengers in the vehicle can join you over Wi-Fi Hotspot and start sending their preferred tracks to the common playlist. The infotainment system will play the tracks in the common playlist one after the other.

Install Juke-Car App

To install the Juke-Car App:

1. Open the Play Store on your Android based smartphone.
2. Search and find the Juke-Car App.
3. Tap the Juke-Car App icon . The app page is displayed.
4. Tap the **Get** button. The Install button is displayed.
5. Tap the **Install** button. The app is downloaded and installed on your smartphone.

Connect Juke-Car App To The Infotainment System

To connect to the infotainment system and start playing the common playlist:

1. Tap the **Juke-Car** app icon on your smartphone. The Juke-Car app Home screen is displayed.

Figure 80: Juke-Car App Home Screen

2. Click the **Start Juke-Car** button. The app is launched and you will be able to create your Juke-Car (common playlist). Your friends can connect to your smartphone using Hotspot and play their favorite songs too using your Juke-Car.

Figure 81: Start Juke-Car Screen

3. When prompted to connect to the infotainment system, select either AUX IN or Bluetooth option to connect to the infotainment system. Once the connection with the infotainment system is established, the Juke-Car Started screen is displayed.

NOTE:

If the connection with the infotainment system is lost, the app is disconnected.

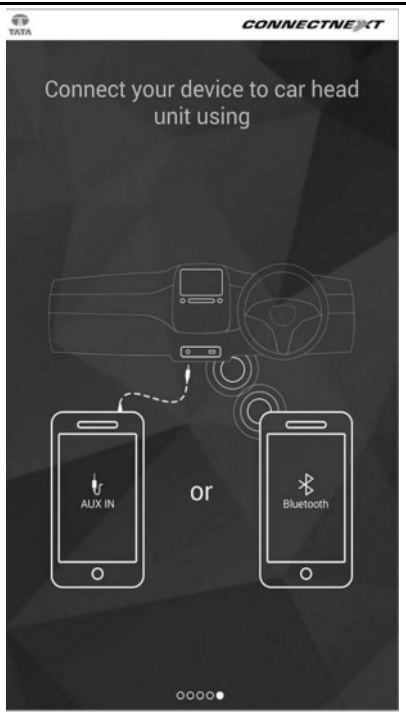

Figure 82: Connect Phone to the Infotainment System Screen

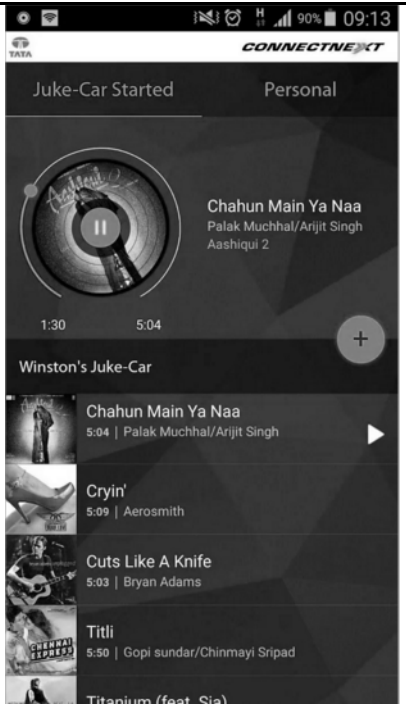

Figure 83: Juke-Car App Started Screen

Join Juke-Car App

If your friends want to join your Juke-Car and start sharing and playing their favorite tracks using the common playlist:

In the Juke-Car app home screen of their smartphones, your friends must click the **Join Juke-Car** button. Your friends will be provided access to your Juke-Car (common playlist) and the Juke-Car Joined screen is displayed. Your friends can now start sending their preferred tracks to the common playlist. The Juke-Car will play the tracks in the common playlist one by one.

NOTE:

To join your Juke-Car and share their tracks, the smartphones of your friends must be connected to your smartphone over Wi-Fi Hotspot.

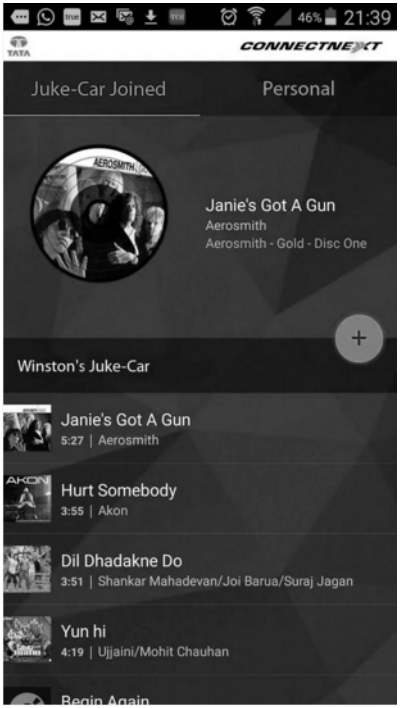

Figure 84: Juke-Car App Joined Screen

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VEHICLE

The CONNECTNEXT® infotainment system supports handling and viewing of some vehicle feature/components controls. It allows you to:

- Set vehicle door locking options
- Manage the Park Assist system settings, if available
- Handle exterior approach lights
- Set Mood Lighting
- View information on the Drive Modes

NOTE:

The above features are not standard in every vehicle variant. Features that are unavailable in the vehicle cannot be controlled using the infotainment system. Please refer to the Owner's Manual of your vehicle or check with your vehicle dealer to confirm the list of features available in your vehicle.

Options to handle all these functions are available in the Vehicle Setup screen of the infotainment system.

DISPLAY VEHICLE SETUP SCREEN

To display the Vehicle Setup screen:

1. Press the SETUP button. The system displays the Setup menu options.
2. Navigate to and select the **Vehicle** option. The system displays the Vehicle screen with various options for handling the vehicle door lock/unlock, park assist, exterior lights, mood lighting, drive modes and so on.

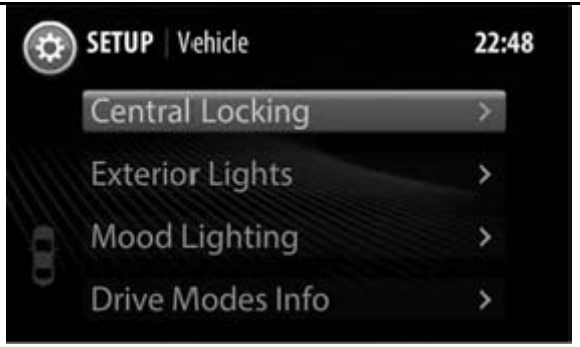

Figure 85: Vehicle Setup Screen

SET LOCK/UNLOCK OPTIONS

In the Vehicle Setup screen, you can set the following options relating to the remote door lock/unlock feature of your vehicle:

- Drive away locking
- Vehicle auto relock

NOTE:

For steps to display the Vehicle Setup screen, refer to the **Display the Vehicle Setup Screen** section.

SETTING DRIVE AWAY LOCKING

DEFINITION:

The Drive Away Locking feature automatically locks all vehicle doors when you start driving the vehicle and reach a specific speed.

To set the Drive Away Locking feature:

1. In the Vehicle Setup screen, navigate to and select the **Central Locking** option. The system displays the Central Locking screen.
2. In the Central Locking screen, navigate to and select the **Drive Away Locking** option. The system selects the check box and enables the feature.

NOTE:

You can select the Drive Away Locking option again to clear the check box and disable the feature.

SETTING VEHICLE AUTO RELOCK

DEFINITION:

With the Vehicle Auto Relock feature, when you unlock the vehicle through the remote key and none of the doors are opened for 60 seconds, the doors will be re-locked automatically, for safety purpose.

To set the Vehicle Auto Relock feature:

1. In the Vehicle Setup screen, navigate to and select the **Central Locking** option. The system displays the Central Locking screen.
2. In the Central Locking screen, navigate to and select the **Vehicle Auto Relock** option. The system selects the check box and enables the feature.

NOTE:

You can select the Vehicle Auto Relock option again to clear the check box and disable the feature.

MANAGE PARK ASSIST (IF APPLICABLE)

The Park Assist feature is vehicle dependant. If you have the park assist system in your vehicle variant, you will be able to manage it using the infotainment system. The system allows you to:

- Activate park assist
- Enable Park Assist Delay Timer
- Set park assist volume

NOTE:

For steps to display the Vehicle Setup screen, refer to the **Display the Vehicle Setup Screen** section.

- Manage park assist display

Activating Park Assist

You can activate or deactivate the Park Assist system of your car with engaging/disengaging the Reverse gear.

To activate the Park Assist system from your infotainment system:

1. In the Vehicle Setup screen, navigate to and select the **Park Assist** option. The system displays the park assist options.
2. In the Park Assist options, scroll to and select the **Activate Park Assist** option. The system displays the Park Assist screen.

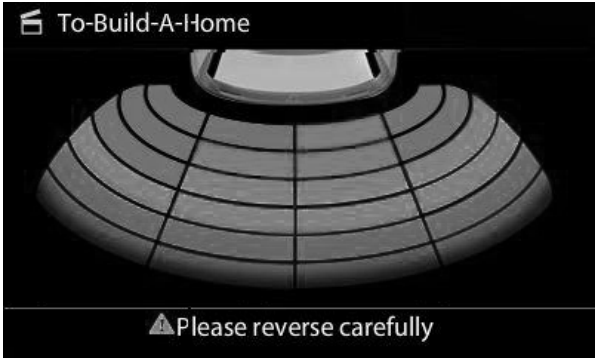

Figure 86: Park Assist Screen

Managing Park Assist Display

The system displays the Park Assist screen when the Reverse gear is engaged. The display is stopped when the Reverse gear is disengaged.

The Park Assist display screen has the following information:

Table 10: Park Assist Screen

1.	Information Header Contains the any one of the following details: • Screen name (Park Assist) and system time • Park Assist component related message, for example, can contain a message to indicate that the Park brake is engaged • Active phone call related information • Radio/Media related information **NOTE:** The Phone call/Radio/Media related information will be displayed only if the **Mix with Audio** option is enabled. Refer to the **Retaining Audio During Park Assist** section for more information.
2.	Park Assist sensor view

Unavailability of Park Assist Display

Sometimes even after activating park assist the component details are not displayed in the system. This will happen in the following situations:

1. A critical error has occurred in the Park Assist component and you need to contact the Tata service center
2. The Park Assist component is temporarily disabled because:
   1. A trailer is connected to your car
   2. The car speed is high

NOTE:

For more information on the Park Assist system refer to your vehicle user manual.

Figure 87: Park Assist Critical Fault Message Popup

Delaying Park Assist Display Stop

The system allows you to retain the Park Assist display screen even after the Reverse gear is disengaged. This feature is called as **Park Assist Delay Timer**.

> 🕮 **DEFINITION:**
>
> When in a closed parking lot, you have to disengage and engage the Reverse gear multiple times for parking your vehicle within the available space. The Park Assist Delay Timer feature, when enabled, will retain the park assist screen for a pre-configured time even when the Reverse gear is disengaged

To enable the Park Assist Delay Timer:

1. In the Vehicle Setup screen, navigate to and select the **Park Assist** option. The system displays the Park Assist screen.
2. In the Park Assist screen, navigate to and select the **Park Assist Delay Timer** option. The system displays the options for the Park Assist delay timer.
3. Select the required timer option from 0 sec/5 sec/10 sec. When the Park Assist component is enabled next, the system retains the Park Assist display screen even after the Reverse gear is disengaged for the selected time period.

Setting Park Assist Volume

This option sets the volume related parameters of the vehicle Park Assist component.

To set the volume value for park assist:

1. In the Vehicle Setup screen, navigate to and select the **Park Assist** option. The system displays the Park Assist screen.
2. In the Park Assist screen, highlight **Park Assist Volume** field and modify the value of the field, by setting it to a new value in the range of 0 to 10.

Retaining Audio During Park Assist

By default, the infotainment system stops the currently active media source, when the park assist feature is used. To retain the media source audio in the background even during park assist:

1. In the Vehicle Setup screen, navigate to and select the **Park Assist** option. The system displays the Park Assist screen.
2. In the Park Assist screen, navigate to and select the **Mix With Audio** option. The check box beside the option is selected.

REAR VIEW CAMERA (IF AVAILABLE)

The Rear View Camera (RVC) feature is vehicle dependant. If you have a rear view camera installed in your vehicle variant, you will be able to manage it using the infotainment system.

DEFINITION:

Rear View Camera (RVC) is located on the rear of the vehicle to aid in backing up and to alleviate the rear blind spot with guided lines.

When you engage the reverse gear, the RVC feature is activated. The RVC feature displays Red, Green, Yellow and Cyan colored lines. These lines indicate the following:

- Cyan lines are reference lines.
- Red, Green and Yellow colored lines are distance lines and indicate the distance of obstacle from your vehicle bumper.

The Rear View Camera and Park Distance Control overlay lines are tuned to the following distances:-

Figure 88: RVC Feature Display

NOTE:

For more details on RVC, please refer to the vehicle owners manual.

MANAGE EXTERIOR LIGHTS

The Manage Exterior Lights feature is vehicle dependant. The infotainment system provides you the flexibility of handling the exterior approach lights of your vehicle:

Managing Approach Lights

DEFINITION:

When you approach your car in the dark, you can switch on the Approach Lights (some exterior and interior lights of the vehicle) to identify your car as well as to find your way safely to it.

NOTE:

Refer to the owner's manual of your vehicle to understand how to switch on the Approach lights.

The system allows you to set the time period for which the Approach lights will be illuminated after you switch them ON.

To set the Approach lights illumination time period:

1. In the Vehicle Setup screen, navigate to and select the **Exterior Lights** option. The system displays the Exterior Lights screen.
2. In the Exterior Lights screen, navigate to and select the **Approach Lamps** option. The system displays the various illumination time period options.
3. Navigate to and select the required illumination time period option from **30 seconds**/**60 seconds**/**90 seconds**.

MOOD LIGHTING

The infotainment system allows you to set/change the interior lighting of your car depending on the liking of the passengers.

DEFINITION:

Using the Mood Lighting feature, you can change the color and intensity of your vehicle interior lighting to create or establish a special light effect. The feature also improves the visibility within the car when in low lights.

Using the infotainment system you can:

- Set a color of light, from the 8 different light colors that are provided, for your vehicle interior lighting.
- Set one single light color for the entire vehicle or have different light colors for the different areas of the vehicle.
- Change the intensity of the light.
- Change the mode of lighting (On/Off or Auto).
- Select all the car interior areas at one go.

NOTE:

The Mood Light settings can be viewed and modified only when the park lamps of the vehicle are switched ON.

To access and set the mood lighting of your vehicle interior:

1. In the Vehicle Setup screen, navigate to and select the **Mood Lighting** option. The system displays the Mood Lighting screen.

NOTE:

You can also access the Mood Lighting screen, by selecting the Moon Lighting icon in the Home screen.

NOTE:

For steps to display the Vehicle Setup screen, refer to the **Display the Vehicle Setup Screen** section.

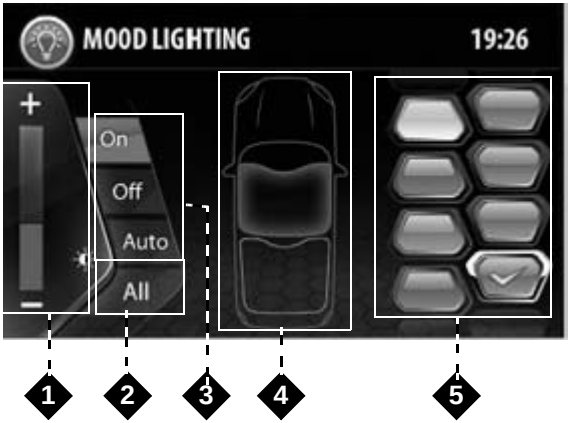

Figure 89: Mood Lighting Screen

Table 11: Mood Lighting Screen Information

1.	Intensity selection bar to increase or decrease the light color.
2.	The 'All' button to select all vehicle interior areas in one go.

Table 11: Mood Lighting Screen Information

3.	Mode selection options such as On/Off/Auto.
4.	Vehicle area selection
5.	Color palette of 8 colors (White, Orange, Red, Purple, Blue, Cyan, Bluish Green and Fluorescent Green), which can be set to the vehicle.

CHANGING THE MOOD LIGHTING

To change the mood lighting settings using the infotainment system:

1. In the Mood Lighting screen, ensure the **On** mode is selected.
2. Click the required color from the color palette.
3. Select/deselect the car area(s) to which the selected color must be set.

   NOTE:

   If the selected color must be set to all areas, click the **All** button.
4. Increase/decrease the intensity, if required.

Switching Off Mood Lighting

To switch off Mood Lighting:

1. In the Mood Lighting screen, select the OFF button (mode). All mood lighting related options in the screen are disabled.

Figure 90: Mood Lighting in Off Mode

DRIVE MODES

The infotainment system displays information regarding the 4 drive modes that are available. To view information regarding a drive mode, highlight the required drive mode.

The 4 drive modes that are available are:

Table 12: Drive Modes

AUTO	The vehicle automatically adopts to the current road condition to optimize performance.
COMFORT	The vehicle focuses on enhancing fuel utilization for power and mileage balance and thereby improving driving performance.
ROUGH ROAD	The vehicle focuses on providing better grip utilization to optimize its performance for driving over rough roads or twist conditions.
DYNAMIC	The vehicle offers a stable drift for a sporty driving experience, without compromising on safety.

Selecting a Drive Mode

To select and set a drive mode:

1. In the Vehicle Setup screen, navigate to and select the **Drive Modes Info** option. The system displays the Drive Modes screen with the list of drive mode icons.

NOTE:

For steps to display the Vehicle Setup screen, refer to the **Display the Vehicle Setup Screen** section.

Figure 91: Drive Modes Screen

Figure 92: AUTO Drive Mode Info Screen

2. In the Drive Models screen, touch \ select the required drive mode icon. The information screen of the selected drive mode is displayed.

HILL DESCENT CONTROL

The infotainment system displays a note describing the use of the Hill Descent Control (HDC) feature.

DEFINITION:

When your vehicle is descending a hill, the HDC feature can assist you by providing active brake intervention.

To display the note on the HDC feature:

1. In the Home screen, click the **HDC** icon. The information regarding the HDC feature is displayed in the HDC screen.

Figure 93: Home Screen HDC Icon

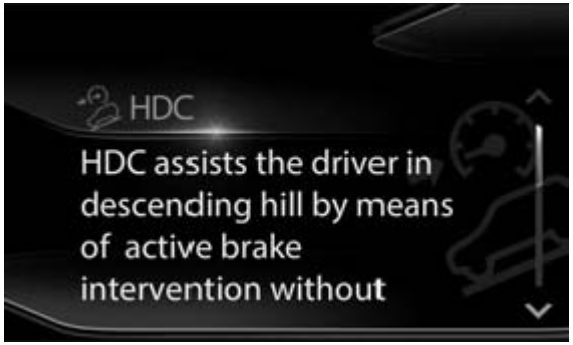

Figure 94: HDC Screen

VOICE RECOGNITION FEATURE

The CONNECTNEXT® infotainment system allows you to control your vehicle Radio, HandsFree Phone and all supported media source devices using voice commands.

To activate the voice recognition feature:

1. Long Press the Voice Activation button on the steering wheel. The system mutes/pauses the currently played audio and you will hear a beep sound to indicate the activation of the voice recognition feature.

   The system also displays the icon on the right top corner of the screen to indicate activation of voice recognition.

   NOTE:

   The system will start recognizing your voice commands only after the beep. So, speak your command only after you hear the voice activation beep. If no command is spoken after the beep, the system will prompt you to say a command.

VOICE RECOGNITION GUIDELINES

For effective voice recognition, follow the below guidelines:

- Do not speak the command when the icon is displayed. The icon indicates that the voice recognition component is prompting (the system is talking) you currently. and will not respond to your commands.
- Do not give long pauses (greater than 1 second) while speaking the words in a command. Speak the words of the command at a constant rate.
- Avoid varying your pitch and volume while speaking the commands. Speak clearly and loudly at a reasonable speed.
- Speak only the commands that are listed in the **Voice Recognition Commands** section.

  NOTE:

  The infotainment system also displays the voice recognition commands. You can select and view the required command details from within the Voice screen.

- Ensure there is no noise disturbance when you speak the commands like, other passengers in the vehicle are talking or there is lot of wind noise. Disturbance from external sound sources may result in poor voice recognition.
- Always face forward while speaking your commands as the voice recognition quality is best in this orientation.
- There will be a temporary disturbance in the voice recognition accuracy, when the user speaking the voice command changes i.e. if you had initiated the voice recognition, and in the middle another user in the vehicle starts speaking out commands. This disturbance will be stopped when the system adopts to the voice of the new user after few voice command trails.
- When similar sounding contact names/song names are spoken, the system will display a list of options matching the spoken name. You can choose the required option from the list by speaking the corresponding line number or touching the required option on the screen.
- Please speak the commands and names in a neutral English accent for best results.

Scenarios for Ignoring Voice Recognition Activation

During the following situations, the system ignores activation of voice recognition even on the Long Press of the Voice Activation button:

- When the reading of a media source device is in progress
- When you get an incoming call
- When you are dialing an outgoing call
- When a video playback is in progress
- When the contacts and call logs in your phone and system are synchronized
- When a phone call is active

Scenarios for Ending A Voice Recognition Session

When voice recognition is active, you can end the session by:

- Doing a Long Press on the Voice Activation button
- Pressing any HK, including the keys on the steering wheel and IR remote control
- Touching the screen to perform an action, except for selecting an option from the list displayed as response to a voice recognition command
- Speaking the “Cancel” voice recognition command during the session.

Scenarios for Auto-Termination of A Voice Recognition Session

When in a voice recognition session, performing the following actions will automatically terminate the session:

- Receiving an incoming call
- Dialling an outgoing call
- Plugging-in a media source device
- Pulling out the media source device, which you are currently handing through the voice recognition feature.

Getting Voice Recognition Command Help

The system provides help to complete a command, when part of the command is recognized. The system plays an audio prompt to help you in completing the command.

The system also lists the different voice recognition commands.

To view the list and details of voice recognition commands:

1. Click the Voice Command icon in the Home screen. The Voice screen is displayed with the categories of voice recognition commands.
2. Select the required category from the list. The voice recognition commands mapped to the selected category are listed.
3. Select the required command from the list. The description and syntax of the selected command are displayed.

Figure 95: Voice Screen with Command Categories

Figure 96: Media Category Voice Recognition Commands

Figure 97: Details of <Source> Voice Recognition Command

VOICE RECOGNITION COMMANDS

Table 13: Voice Recognition Commands

Feature	Command	System Action
General Commands	*Cancel*	Cancels the currently active Voice Recognition session.
	Remove	Removes the digits in the number that was spoken earlier. For example: If a you speak a phone number and wants to delete a digit in it, you can speak the Remove command.
	Correction	Corrects the digits in the number that was spoken earlier. For example, if you speak a phone number and wants to correct a digit in it, you can speak the Correct command.
	Special Characters: *#: Hash / Pound* *Or* *+: Plus* *Or* **:Star* *Or*	Uses the spoken special character as the response. These commands are mainly used while responding to a Interactive Voice Response (IVR).

Table 13: Voice Recognition Commands

Feature	Command	System Action
Phone	*Phone*	Displays the Phone screen.
	Paired Phone	Displays the list of phones paired with the system
	Dial	1. Prompts you to say the number to be dialled. 2. After you say the required number, repeats the number to confirm it. 3. Once you confirm the number by saying Dial again, dials the specified number. **NOTE:** You can delete or correct the digits in the number by saying the commands "*Remove*" or "*Correction*".

Table 13: Voice Recognition Commands

Feature	Command	System Action
Phone	*Dial <number>*	Dials the number specified with the command. **NOTE:** You can say the number by saying each digit separately. For example to dial the number 9876543210, say, **Dial nine eight seven six five four three two one zero** **NOTE:** You can also say the number by saying the digits in groups of two or three. For example, to dial the number 022333267510, say **Dial zero, double two, triple three, twenty six, seventy five, ten**. You can also say special characters if required.
Phone	*Call*	1. Prompts you to say the contact name from the Contact list that must be dialled. 2. After you say the contact name, the system dials the contact.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Phone	*Call <contact name>*	Dials the specified contact name from the Contact list. **NOTE:** You can also say the category of the contact number like Mobile, Home, Work or Other along with the contact name. For example, to dial to the mobile number of the contact Amitabh Sharma, you can say **Call Amitabh Sharma Mobile** or **Call Amitabh Mobile**. **NOTE:** The system may take sometime to fetch the specified contact from the phone book contacts list.
	Redial	Re-dials the last number that was dialled.
Media	*Media*	Displays the Media screen.
	USB Or *Change to USB*	Starts playing music from the USB device from the location where it was last stopped, if connected.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Media	*iPod* Or *Change to iPod*	Starts playing music from the iPod or any apple device from the location where it was last stopped, if connected.
	Bluetooth Or *Change to Bluetooth*	Starts playing music from the Bluetooth media device from the location where it was last stopped, if connected.
	SD Card Or *Change to SD Card*	Starts playing music from the SD Card from the location where it was last stopped, if connected.
	Auxiliary Or *Aux input* Or *Change to Auxiliary* Or *Change to Aux input*	Starts playing music from the Auxiliary device from the location where it was last stopped, if connected.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Common Media Commands (When used, will be applicable for the currently active media source device)	*Show All* **Options:** *Artist* Or *Album* Or *Song* Or *Genre*	1. Prompts you to say the music category, which you want to view. 2. When you say anyone of the categories command (see Options in the Command column), the system lists all sub-categories of the specified category. For example, if you say **Artist** as the category, the system will show all artist types that are available in the Artists category of the media source.
	Show All <music category type>	Lists all sub-categories in the specified music category type. For example: When you say the **Show All Artist** command the system will display all artist types that are available in the Artists category of the media source.
	Browse **Options:** *Artist* Or *Album* Or *Genre*	1. Prompts you to say the music category, which you want to browse. 2. When you say anyone of the categories command (see Options in the Command column), lists all sub-categories of the specified category and allows you to browse through the contents of the categories too.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Common Media Commands (When used, will be applicable for the currently active media source device)	*Browse <music category type> <music sub-category name>*	Allows you to browse through the contents in the music sub-category of the specified music category type. For example: When you say, **Browse Artist Michael Jackson**, the system allows you to browse through the music tracks in the Michael Jackson sub-category of the Artists category.
	Play **Options:** *Artist* Or *Album* Or *Song* Or *Genre*	1. Prompts you to say the music category, which you want to play. 2. When you say anyone of the categories command (see Options in the Command column), plays all music tracks in the specified category. **NOTE:** For all category related voice commands, the system might take sometime to fetch the specified content.
	Play <music category type> <music sub-category name>	Plays all music tracks in the music sub-category of the specified music category type. For example, when you say, **Play Artist Michael Jackson**, the system plays all music tracks in the Michael Jackson sub-category of the Artists category.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Common Media Commands (When used, will be applicable for the currently active media source device)	*Music Folders*	Displays the first level of folders as arranged in your media device. If there are no folders, all music tracks in your media device are listed. **NOTE:** This command is valid for only USB and SD Card media source devices.
	Play My Music	Starts playing all music tracks in the media device from the first.
	Go to Track	1. Prompts you to say the track number. 2. When you say the required track number, starts playing the specified music track.
	Go to Track <track number>	Starts playing the specified music track. For example, to go to track number 143, say **Go to Track One Four Three**.
Radio	*Radio* Or *Tuner*	Displays the Radio screen.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Radio	*AM* Or *AM Radio* Or *Change to AM Radio* Or *Change to AM*	Plays the AM radio frequency that was last played.
	FM Or *FM Radio* Or *Change to FM Radio* Or *Change to FM*	Plays the FM radio frequency that was last played.
	Tune To	1. Prompts you to say the radio frequency. 2. When you say the frequency, tunes to the specified frequency and starts playing it, if available.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Radio	*Tune To <frequency>*	Tunes to the specified radio frequency and starts playing it, if available. For example, to tune to station 94.3 say, **Tune to Ninety Four Point Three**. **NOTE:** The frequency range for FM is 87.5 MHz To 108 MHz, with incremental value as 100 KHz or 0.1 MHz. The frequency range for AM is 531 KHz To 1629 KHz, with incremental value as10 KHz.
	AM Preset	1. Prompts you to say the AM band preset number (1 to 20). 2. When you say the preset number, tunes to the frequency stored in the preset number and starts playing it, if available.
	AM Preset <number>	Tunes to the AM band frequency stored in the preset number and starts playing it, if available. You can say a number in the range of 1 to 20. For example, to play preset 5 say, **AM Preset Five**.
	FM Preset	1. Prompts you to say the FM band preset number (1 to 20). 2. When you say the preset number, tunes to the frequency stored in the preset number and starts playing it, if available.

Table 13: Voice Recognition Commands

Feature	Command	System Action
Radio	*FM Preset <number>*	Tunes to the FM band frequency stored in the preset number and starts playing it, if available. You can say a number in the range of 1 to 20. For example, to play preset 5 say, **FM Preset Five**.
	Store to Preset	1. Prompts you to say the preset number (1to 20) to which the currently played radio frequency must be stored. 2. When you say the preset number, stores the frequency in the specified preset number.
	Store to Preset <number>	Stores the currently played radio frequency in the specified preset number. You can say a number in the range of 1 to 20. For example, to store to preset 20 say, **Store to Preset Twenty**.
	Auto Store **Options:** *AM* Or *FM*	1. Prompts you to say the radio band (FM/AM). 2. When you say the radio band, the system searches for the available radio stations and when found stores the frequencies as the presets for the specified radio band.

FREQUENTLY ASKED QUESTIONS

Some frequently asked questions related to the features and functions of the CONNECTNEXT® infotainment system are listed below along with their answers.

1. ***I installed NaviMaps App in my smartphone but it doesn't work with my TATA vehicle?***

   Along with NaviMaps App, ConnectNext App shall also to be installed for Navigation feature to work with your TATA car. If ConnectNext App is not installed, Go to the Play Store and install it.

2. I installed ConnectNext App only in my smartphone will the navigation feature work in my TATA vehicle?

   Along with ConnectNext App, NaviMaps shall also be installed for Navigation feature to work with your TATA car. If NaviMaps app is not installed, Go to the Play Store and install it.

3. I am already a using NaviMaps app before I bought my TATA vehicle. Will Navigation feature work in my new TATA vehicle?

   May not be. It depends on the version of the App which you were using. It is preferable to update the app for the Navigation feature to work with your new TATA vehicle.

4. Is internet connection required for using navigation

   Internet connection is required only for downloading of App and Maps. After successful download and installation, you can use Navigation feature without your internet connection as maps are locally available in your smartphone. So, Internet charges might be applicable for download of app & Maps only but not for the usage of the NaviMaps, except while using the Live Traffic updates.

NOTE:

For using the Live Traffic function, you should ensure that the data connection of your smartphone is active.

5. Which Map shall I download? And how much memory is required in my smartphone

   NaviMaps installed in smartphone will prompt for downloading the app. Based on your choice you can download EAST, North, South or Central map of India. This is just to avoid huge data download and memory

consumption in your smartphone. if you download either of the maps, you might need approximately 300MB (250MB for Map and 50MB for NaviMaps App). Total India map might be around 1.3GB. However this also depends on region of the map you have downloaded and version. It is to be noted that memory requirement changes as upgrades.

6. I have connected my phone for handsfree functionality. Will the navigation work?

No. For Navigation feature to work you have to connect your smartphone through USB cable only. This also ensures that your phone battery remain charged via USB when navigation is running on your phone in the car. It is recommended to use the USB cable which you might have got along with your smartphone.

7. I have connected my phone through USB will my phone handsfree work

No. Handsfree Phone and Audio streaming works on Bluetooth connectivity only. Via USB it will not work.

8. Will navigation in my TATA vehicle work with any navigation App?

No. It will work only with NaviMaps App. Please check and install for the latest version available from the Play Store on your Android based smartphone.

9. Just like Maps can I see video from phone in infotainment display?

Video Playback from your smartphone is not mirrored in to infotainment system of your TATA vehicle. However to play video from your smartphone, when you connect your mobile over USB, Please ensure to select MSC mode on your device (Mass Storage Class mode, if it is supported by your smartphone). Then you should be able to browse and play compatible videos through infotainment system. Please note that behavior might vary from Phone to Phone based on phone specific implementation.

10. Do I have to pay for App and Map database upgrades?

At first time when NaviMaps app is installed, please Connect your smartphone with your TATA vehicle. After this you can install latest versions of the map for free. You are entitled for a maximum of 4 free upgrades in a span of 4 years from the date of purchase of your vehicle.

11. How frequently Map upgrades are released? And How it is informed to me?

After you connect your smartphone to your TATA vehicle for Navigation function, you are entitled for a maximum of 4 upgrades in a span of 4 years from the date of purchase of your vehicle. The frequency of Map upgrade releases is every 6 months and these upgrades will be notified on the NaviMaps mobile app.

12. Can my family members also can use this Navigation feature by downloading the same NaviMaps App? Do they have to pay?

Yes. However every other user shall also download and install the apps. Maximum of 4 distinct users per TATA vehicle are allowed. These 4 distinct users need not pay additionally. If users are more than 4 then user shall purchase pro-guidance version (in app purchase)

13. Should I enable GPS always in my smartphone?

Need not be. But you should enable GPS in your smartphone when it is connected for Navigation function with your infotainment system.

14. What should I do if GPS signal is not available?

This Navigation feature uses GPS from your smartphone. So your smartphone GPS reception is very important for reliable functionality of this feature. If you are getting weak or no GPS signal, ensure that you place your phone in a location of vehicle where it is safe and visible to sky and check for the better GPS reception availability.

15. Which USB cable should I use to connect my smartphone for Navigation?

It is always recommended to use the cable which you might have received from your smartphone manufacturer.

16. Navigation audio prompts are not audible enough. What should I do to increase the volume level?

First try to increase the volume level from your smartphone. if it is still not sufficient then, when Navigation function is working, Press the OPTIONS button and select “Settings” to see Voice Prompt volume. You can adjust the setting accordingly.

17. How to Play video in the infotainment system

Video Playback is available in “Browse” option of Media screen and select “Video” option. Through this

you can browse through the Video files available in the current media source only (either USB or SD).

18. What all the video formats does it support?

.a vi, .mp4, and .divx as container formats will be supported. H264 (BP and MP up to AVC Level 3.1), MPEG4 (SP, ASP) up to D1 Resolution (specifically 720 x 480 resolution only) (std NTSC/PAL) will be supported.

19. Can I play HD videos in the infotainment system?

No. Videos only till 720 x 480 resolution (Std NTSC / PAL) will be supported

20. How can I play video files from my phone?

Connect your phone via USB port. Just after connection put your phone in USB Mass Storage Class mode. After that you should be able to browse through the contents of Phone via Infotainment system and will be able to play compatible video files. It is to be note that this behavior might vary from phone to phone based your phone specific implementation.

21. From what all the Media sources I can play video?

You can play Video from USB and SD card. However you can see the contents of either USB only or SD card at a time only. To switch the source from USB to SD or vice versa, you have to change the current media source and browse for required video file accordingly.

22. Can I See / Play audio / Video / pictures from my smartphone when connected through USB port?

Yes. However you have to enable your phone in Mass Storage Class mode just after connection to Car USB port. This behavior might vary based on smartphone which you are using.

23. What are the supported video and audio codecs?

The supported video and audio codecs are as follows:

- **Video Codecs:** H264 (Base and Main Profile till L 3.1), MPEG4 (Simple and Advanced Simple Profile - All Levels)
- **Audio Codecs - Profile Supported:** MP3 Or MPEG-2 Audio Layer III, AAC (AAC-LC And HE-AAC), WMA, WAV
- **Container File:** AVI, MP4, DIVX

ABBREVIATIONS

The abbreviation used in the guide are listed in the below table.

Table 14: Abbreviations

ABS	Anti-lock Braking System
AM	Amplitude Modulation
APPS	Applications
AUX	Auxiliary
AVRCP	Audio/Video Remote Control Profile
BMP	Bitmap Image File
BTSA	Bluetooth Streaming Audio
FM	Frequency Modulation
HDC	Hill Descent Control
IR	Infra-Red
JPEG	Joint Photographic Experts Group

Table 14: Abbreviations

PBAP	Phone Book Access Profile
PDC	Park Distance Control
PNG	Portable Network Graphics
POI	Point of Interest
RDS	Radio Data System
RVC	Rear View Camera
SD Card	Secure Digital Card
USB	Universal Serial Bus

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