



CONNECTNEXT

Infotainment

USER'S MANUAL

TATA MOTORS

Passenger Vehicle Business Unit (PVBU)

• Mumbai • Pune •

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 MOTORS** 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 authorized **TATA MOTORS** service outlets. 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:**

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:**

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

 **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.

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 / 36,000 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 / 36,000km (whichever comes earlier) from the date of the first sale of vehicle.
4. Warranty is expressly not applicable under the following conditions:
 - a. Where the product has been dismantled, repaired, altered, modified or damaged due to user negligence and misuse
 - b. The serial number of the product been removed, defaced or altered.
 - c. Warranty void sticker is removed or tampered
 - d. Improper usage such as wrong electrical supply / voltage setting causing damage to the equipment.
 - e. 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:
- 90mX40mm DSTN Dot Matrix Screen
- 4 Speaker Audio
- AM and FM Tuner Bands with 6 station memories on each band
- Speed Dependent Volume Control
- Display OFF feature for distraction free night drive
- USB, iPod, Aux and Bluetooth Audio media support
- Simultaneous pairing of multiple Phone handsets (up to 10 devices) though Bluetooth for Phone and Music supports like Phone book download & Audio streaming??Integrated with vehicle components like FATC and Park Assist System and displays related information

- Vehicle feature control support like handling vehicle door locking and Approach lights
- Infotainment system control from Steering Wheel and IR Remote Control.



NOTE : Some of the vehicle features like park assist system, FATC, 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.

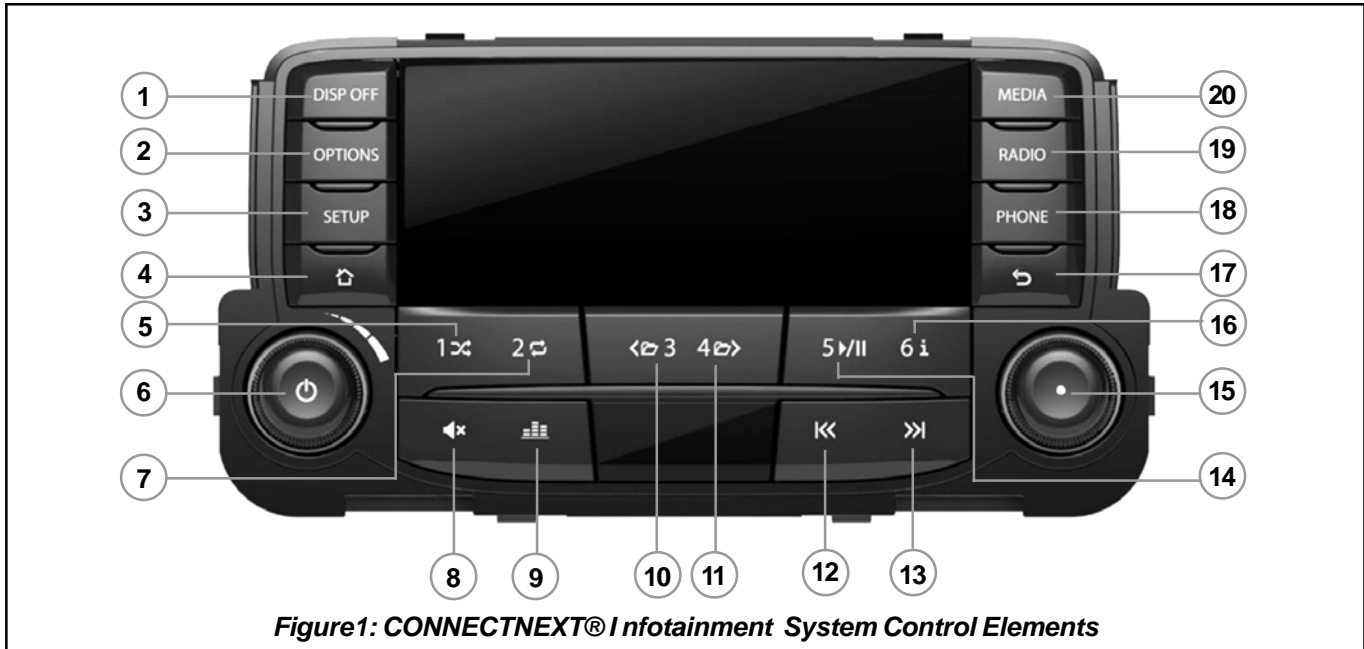










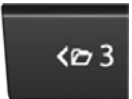
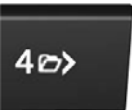






Figure 1: CONNECTNEXT® Infotainment System Control Elements




Table 1: Infotainment System Control Elements



S.No	Control Elements	Description
1		<ul style="list-style-type: none"> • Single Press (SP) & Long Press (LP): • Sets infotainment system display OFF, if display is ON • Sets infotainment system display ON, if display is OFF <p> NOTE : In the rest of the manual, Single Press and Long Press will be only referred as SP and LP respectively</p>
2		<ul style="list-style-type: none"> • SP & LP: • Displays the options of the currently played audio source or the currently connected phone as per the selection.
3		<ul style="list-style-type: none"> • SP & LP: • Displays setup menu.
4		<ul style="list-style-type: none"> • SP & LP: • Displays home screen with current media/audio source playing in the background.
5	 Preset 1 and Random button	<ul style="list-style-type: none"> • SP: • 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, Bluetooth Audio: 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. • Radio: Plays tuner band stored as Preset 1. • LP: • Radio: Stores current tuner band as Preset 1

S.No	Control Elements	Description
6	 <p>Volume Rotary Knob</p>	<ul style="list-style-type: none"> • Clock Wise: <ul style="list-style-type: none"> • Increases the volume. • Anti-Clock Wise: <ul style="list-style-type: none"> • Decreases the volume. • SP & LP: <ul style="list-style-type: none"> • System Audio ON/OFF. • One Hour Mode System Switched ON Mode: Switches OFF the infotainment system.
7	 <p>Press 2 and Repeat Button</p>	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • iPod: Repeats track. When pressed again, repetition of the track is switched off. The info-tainment system repeats this cycle when the button is repeatedly pressed. • USB, Bluetooth Audio: 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. • Radio: Plays tuner band stored as Preset 2. • LP: <ul style="list-style-type: none"> • Radio: Stores current tuner band as Preset 2
8	 <p>Mute/Unmute Button</p>	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Mute/Un Mute currently played audio/media source.

S.No	Control Elements	Description
9	 <p>Audio Button</p>	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Displays audio setup options.
10	 <p>Preset 3 and Previous Folder button</p>	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • USB and Bluetooth Audio: Goes to the previous folder and starts playing tracks. • Radio: Plays tuner band stored as Preset 3. • LP: <ul style="list-style-type: none"> • Radio: Stores current tuner band as Preset 3.
11	 <p>Press 4 and Next Folder button</p>	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • USB and Bluetooth Audio: Goes to the next folder and starts playing tracks. • Radio: Plays tuner band stored as Preset 4. • LP: <ul style="list-style-type: none"> • Radio: Stores current tuner band as Preset 4.
12	 <p>Fast Forward button</p>	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • iPod, USB, and Bluetooth Audio: Plays the next track. • Radio: Enables auto seek up. • LP: <ul style="list-style-type: none"> • iPod, USB, and Bluetooth Audio: Fast forwards the current track.

S.No	Control Elements	Description
13	 <p>Fast Rewind button</p>	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • iPod, USB, and Bluetooth Audio: Plays the previous track. • Radio: Enables auto seek down. • LP: <ul style="list-style-type: none"> • iPod, USB, and Bluetooth Audio: Fast rewinds the current track.
14	 <p>Press 5 and Play/Pause Button</p>	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • iPod, USB, Bluetooth Audio: Pauses the currently played track. When pressed again, starts playing the track. The infotainment system repeats this cycle when the button is repeat-edly pressed. • Radio: Plays tuner band stored as Preset 5. • LP: <ul style="list-style-type: none"> • Radio: Stores current tuner band as Preset 5.
15	 <p>Menu Rotary button</p>	<ul style="list-style-type: none"> • Clock Wise: <ul style="list-style-type: none"> • iPod, USB, 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: <ul style="list-style-type: none"> • iPod, USB, 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.

S.No	Control Elements	Description
15	Menu Rotary Button (Cond...)	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • 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.
16	 Press 6 and Infotainment Button	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • iPod, USB, Bluetooth Audio: Displays information regarding the current track like Track title name, Track artist name, Album name for the track, Genre of the track, Year, album/folder number and so on. • Radio: Plays tuner band stored as Preset 6. • LP: <ul style="list-style-type: none"> • Radio: Stores current tuner band as Preset 6.
17	 Back Button	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Back to the previous menu, if applicable.
18	 Phone Button	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • 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, and Keypad options.

S.No	Control Elements	Description
19	 Radio Button	<ul style="list-style-type: none">• SP & LP:<ul style="list-style-type: none">• Plays Radio in the last tuner band (FM/AM station).• Radio: Displays the various tuner bands, FM1, FM2, FM3, AM1 and AM2. When the Radio button is pressed again, the infotainment system displays the stored FM/AM stations.
20	 Media Button	<ul style="list-style-type: none">• SP & LP:<ul style="list-style-type: none">• Plays last active media source.• Radio: Plays previous valid media source/default media source.• Media Types: Displays the different types of media source i.e. USB, iPod and AUX.

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

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 backseat can also control the infotainment system without asking the people in the front seat.



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



NOTE: Voice recognition feature is unavailable for this variant of the vehicle.

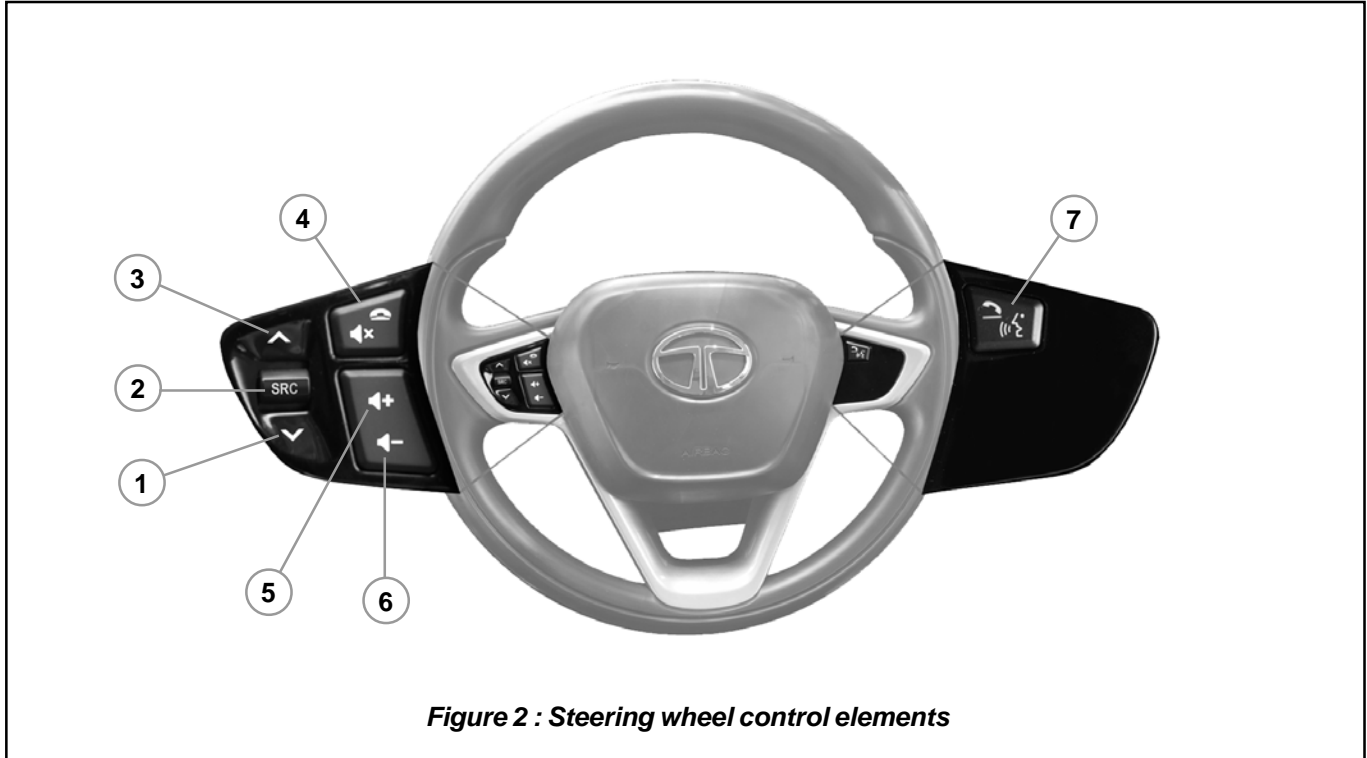







Steering Wheel Control Elements :

Figure 2 : Steering wheel control elements

Table 2: Steering Wheel Control Elements

S.No	Control Elements	Description
1	 Seek Down	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Plays Radio in the last tuner band (FM/AM station). • Radio: Displays the various tuner bands, FM1, FM2, FM3, AM1 and AM2. When the Radio button is pressed again, the infotainment system displays the stored FM/AM stations.
2	 Audio Source Change	<ul style="list-style-type: none"> • Down / UP Scroll: <ul style="list-style-type: none"> • Plays the media in the following sequence Previous FM station-> Previous AM station->USB/iPod->Bluetooth audio streaming->AUX in.
3	 Seek Up	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Media Types (except AUX-IN): Opens the next track. • Radio: Plays Next Preset. • LP: <ul style="list-style-type: none"> • Media Types (except AUX-IN & Bluetooth Devices): Opens the next folder. • Radio: Initiates Auto Seek by increasing radio frequency until the button is pressed.
4	 Mute / Reject Phone Calls	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Mutes/Unmutes the audio. • Incoming Phone Call: Reject call. • Outgoing Phone Call: Cancel call. • Active Phone Call: End call.

S.No	Control Elements	Description
5	 Increase Volume	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Increases volume/ring tone volume by 1 unit. • LP: <ul style="list-style-type: none"> • Increases volume or ring tone volume as long as the maximum volume is reached.
6	 Decrease Volume	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Decreases volume/ring tone volume by 1 unit. • LP: <ul style="list-style-type: none"> • Decreases volume or ring tone volume as long as volume reaches 0.
7	 Accept Phone Calls / Phone Screen	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Displays Phone screen. • Incoming Phone Call: Accept call.

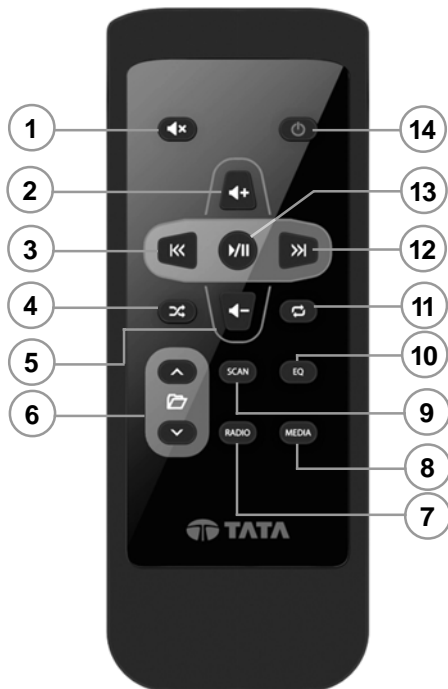













IR Remote Control Elements :



Figure3: IR Remote Control Elements

Table 3: IR Remote Control Elements

S.No	Control Elements	Description
1	 Mute	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Mutes/Unmutes the audio.
2	 Increase Volume	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Increases volume by 1 unit. • LP: <ul style="list-style-type: none"> • Increases volume as long as the maximum volume is not reached.
3	 Decrease Volume	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Plays previous audio. • Radio: Initiates Auto Seek by decreasing frequency value. • LP: <ul style="list-style-type: none"> • Fast rewinds the audio.
4	 Random Track/ Folder On/Off	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • 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: 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.

S.No	Control Elements	Description
5	 Decrease Volume	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Decreases volume by 1 unit. • LP: <ul style="list-style-type: none"> • Decreases volume as long as volume value reaches 0.
6a	 Seek Next Folder	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Media Types (except AUX-IN): Opens the next track. • Radio: Initiates Manual Seek by increasing frequency. The seek action will be performed until the next receivable frequency is reached. • LP: <ul style="list-style-type: none"> • Media Types (except AUX-IN): Opens the next folder. • Radio: Initiates Manual Seek until the button is pressed.
6b	 Seek Previous Folder	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Media Types (except AUX-IN): Opens the previous track. • Radio: Initiates Manual Seek by decreasing frequency. The seek action will be performed until the next receivable frequency is reached. • LP: <ul style="list-style-type: none"> • Media Types (except AUX-IN): Opens the previous folder. • Radio: Initiates Manual Seek until the button is pressed.
7	 Play Radio	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Plays previous tuner mode. • Radio: Displays the available radio bands. Refer to Radio chapter.

S.No	Control Elements	Description
8	 Play Media	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Plays previous active media source or plays the next media source.
9	 Scan Audio Source	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Media Types (Except AUX-In) and Radio: Scans tracks/stations in sequence and plays each of them for 10 seconds.
10	 Play Preset	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • Media Types and Radio: Goes to next preset.
11	 Repeat Track/ Folder	<ul style="list-style-type: none"> • SP & LP: <ul style="list-style-type: none"> • iPod: Repeats track. When pressed again, repetition of the track is switched off. The info-tainment system repeats this cycle when the button is repeatedly pressed. • USB and: 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	<ul style="list-style-type: none"> • SP: <ul style="list-style-type: none"> • Plays next audio. • Radio: Initiates Auto Seek by increasing frequency value. • LP: <ul style="list-style-type: none"> • Fast forwards the audio.

S.No	Control Elements	Description
13	 Play / Pause	<ul style="list-style-type: none">• SP & LP:<ul style="list-style-type: none">• Pauses/plays the audio.
14	 System On/Off	<ul style="list-style-type: none">• SP & LP:<ul style="list-style-type: none">• 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 has 9 menu options:




Figure 4 : Radio Home Screen


-  Radio
-  Media
-  Phone
-  Setup

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

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.

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 Menu/Volume Rotary Knob:

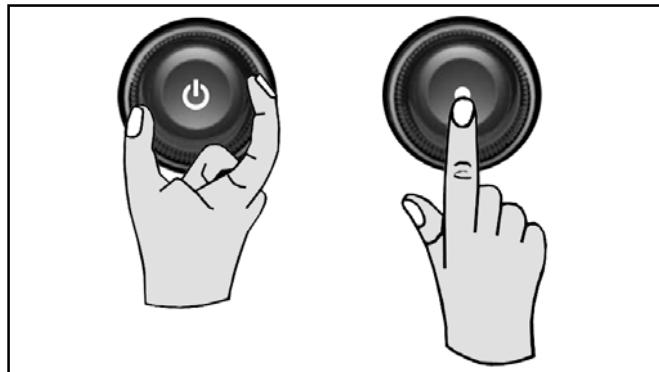






Figure 5 : Rotating / Pressing

1. Rotate the  knob clock-wise or anti-clockwise to navigate to the required on-screen object like menu option or button.
The system highlights the object that is currently in focus.
2. Press the  knob to select the required onscreen object.

 **NOTE :** The same functionalities are applicable for using the  Knob.

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 and right / top and bottom of the options.

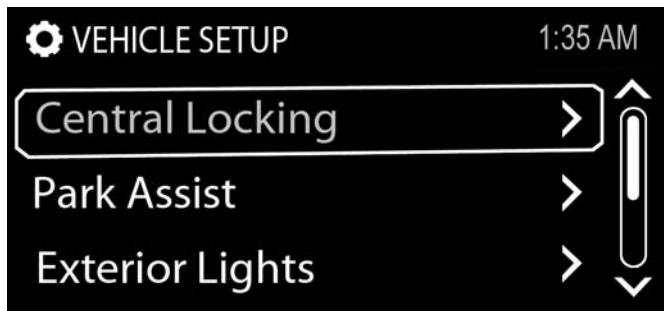




Figure 6 : Menu List with Scroll Bar


Using Menu Rotary Knob:

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


Modifying the Value in a Range

Using Menu Rotary Knob:

1. Use the  knob to highlight the required onscreen object, if multiple on-screen objects are available.

2. Rotate the  knob clock-wise or anti-clockwise to increase or decrease the value.

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.

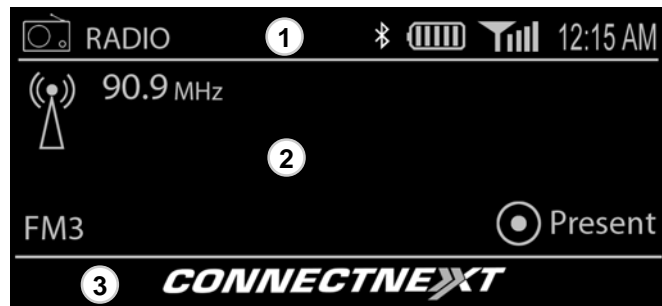


Figure 7 : Sample Display Screen

1. **Header Area:** Displays menu/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 the current settings of the fully automatic temperature control system (only if available in the vehicle), else 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 be automatically closed and previous screen will be displayed, if no action is taken with 1 seconds.



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, HVAC 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 Setup** 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.

SETTING DATE

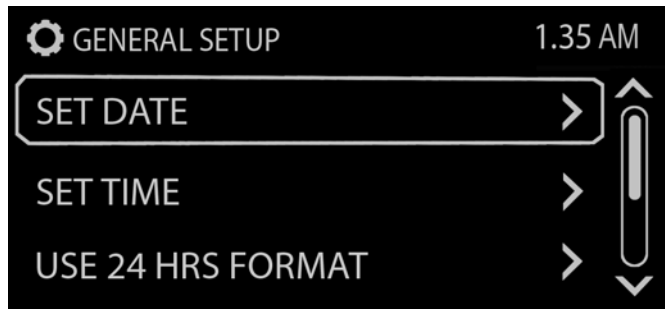


Figure 8 : General Setup Screen

To set the system date:

1. In the **General Setup options**, navigate to and select the **Set Date** option. The system displays the 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.

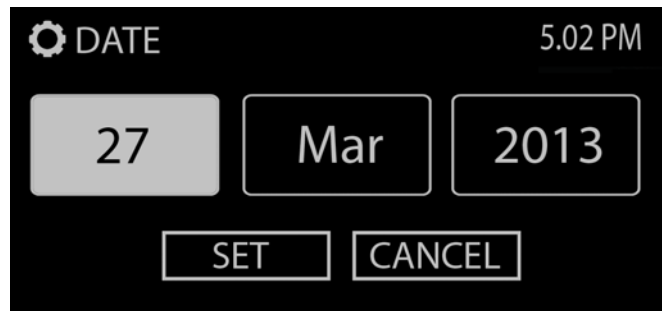



Figure 9 : Date Screen

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

SETTING TIME

To set the system time:

1. In the **General Setup** 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 Setup** 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 Setup** 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

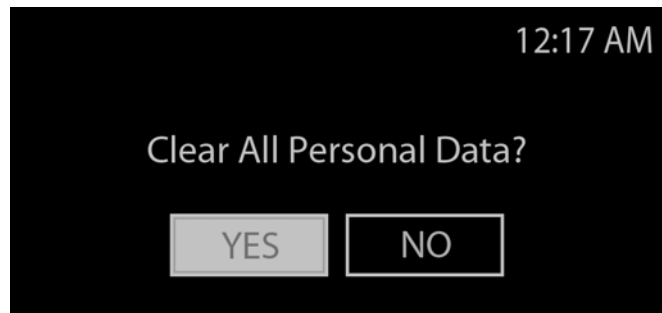




Figure 10 : Clear Personal Data Message Popup

CHANGE AUDIO SETTINGS

1. Press the button. The system displays the Setup menu options.
2. Scroll to and select the **Audio Setup** 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 Setup** 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 Setup** options, navigate to and select either Bass/Mid/Treble option. The system displays the Bass/Mid/Treble screen.

2. In the Bass/Mid/Treble screen, modify the field value by setting it to a new value in the range of -10 to+10.

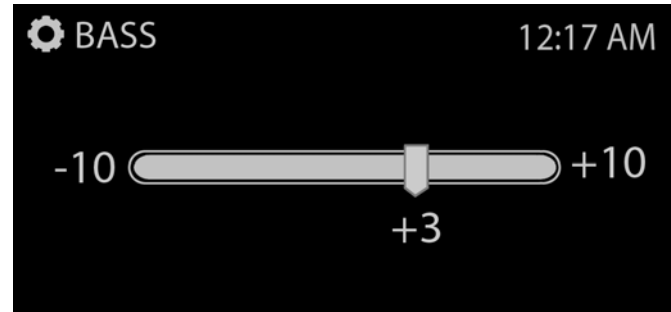



Figure 11 : Bass Screen

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

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 Setup** options, navigate to and select the Balance /Fader option.
2. In the Balance/Fader screen, modify the field value by setting it to a new value in the range of -5 to +5.

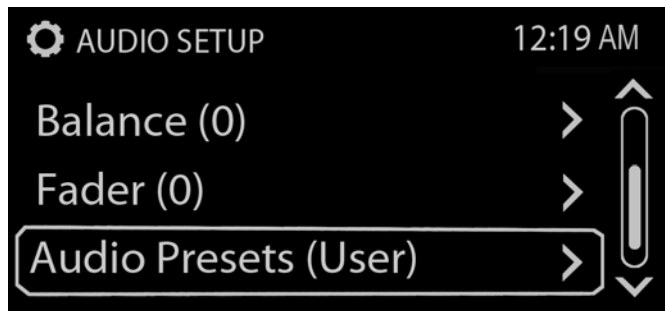


Fig 12 : Audio Setup Screen :Balance, Fader options

NOTE : The default values of Balance and Fader fields are 0.

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 Setup** 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.

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 Setup 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, navigate to and select the Speed Dependent Volume option. The system displays the **Speed Dependent Volume** screen.

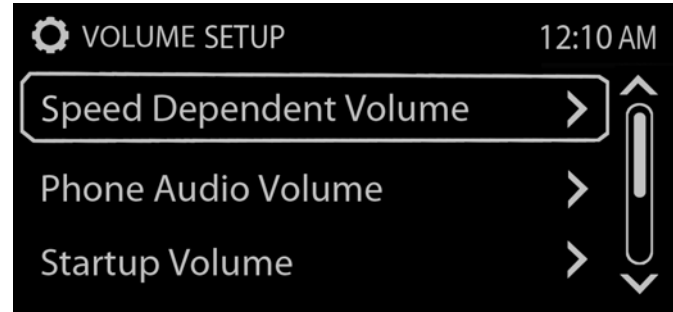


Fig 13 : Volume Setup Screen

2. Modify the value of the option 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.


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, navigate to and select the Phone Audio Volume option. The system displays the Phone Audio Volume screen.

2. Modify the value of the option by setting it to a new value in the range of 0 to 30.

 **NOTE:**The default value of Phone Audio Volume is '10'.


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.

SETTING STARTUP VOLUME

To set the startup volume of the system:

1. In the Volume screen, navigate to and select the Statup Volume option. The system displays the Startup volume screen.
2. Modify the value of the option 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 THE AUX-IN GAIN

The infotainment system acts as the amplifier for the audiooutput from the Auxiliary devices. You can set the audiooutput 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 **Connectnext**.
- All media source details stored in the system will be cleared. 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.

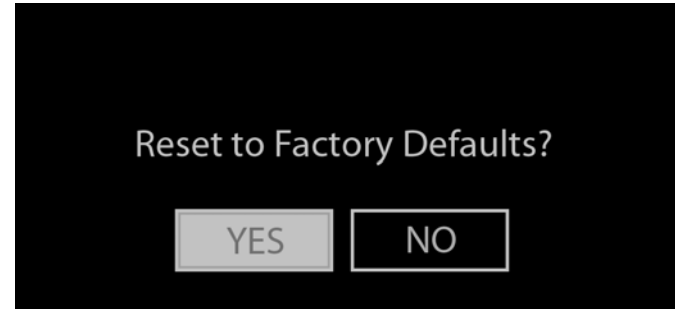


Fig 14 : Reset to Factory Defaults Message Popup

RADIO

The **CONNECTNEXT**® infotainment system supports 3 FM radio bands (FM1, FM2 and FM3) and 2 AM radio bands (AM1 and AM2).

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 or select the Radio option from the Home screen.

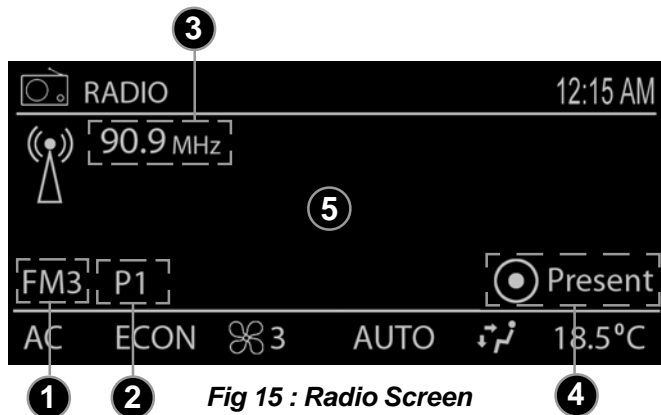


Fig 15 : Radio Screen

Table 4: Radio Screen

1.	Currently active radio band (FM1/FM2/FM3/AM1/AM2)
2.	Current preset number.
3.	Current Station Frequency
4.	Preset browse button
5.	Area where additional information like RDS information, action currently in progress and so on.

RADIO OPERATIONS

The system allows you to perform the following radiooperations:

- 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** button. The system displays the various radio bands as menu options.
2. Select the required radio band. The system displays the details of the selected radio band.

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.

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.

NOTE : To cancel the scanning action, press the **●** knob.

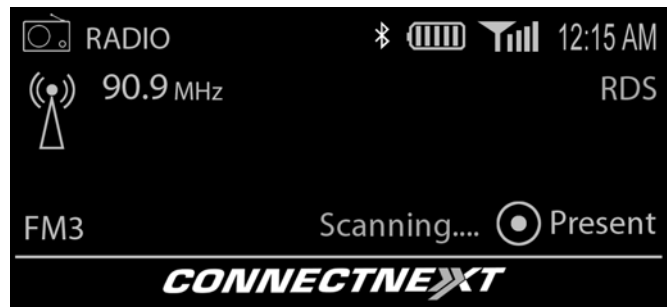


Fig 16 : Radio Station Auto Scanning

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 6 presets per radio band.

Storing Presets

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

1. In the Radio screen, long press one of the corresponding preset (1 to 6) button.

AUTO STORING

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 presets depending on the strength of their signal i.e. the station with the highest signal strength will be stored in Preset 1.

To enable auto search and storing of presets:

1. In the Radio screen, press the **OPTIONS** button. The system displays the radio options.

- From the radio options, navigate to and select Auto store. 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.



Fig 17 : Presents Auto Store

Playing a Preset

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

- Press the **RADIO** button. the system displays the Radio screen.
- Change to the required radio band, if not already displayed.

- Press (short press) the required preset button (1 to 6).

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:

- In the Radio screen, press the **●** knob. The system displays the Presets screen with the list of presets. You can again use the **●** knob to browse through the preset list and play a preset.

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:

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

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

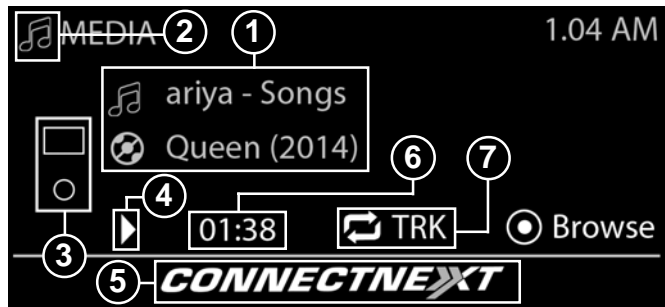
OVERVIEW :

Fig 18 : Sample Media Screen - iPod Source

Table 5: Media Screen

1.	Current Active Track Information
2.	Feature Icon
3.	Active Media Source Type Icon
4.	Play/Pause Icon
5.	Footer Area
6.	Music Track Progress Detail
7.	Repeat/Random state

NOTE : For Bluetooth media source devices, the Media screen options will vary depending on the AVRCP version of the device. For devices with AVRCP 1.3 and above, the system displays the device name, the current active track name, 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 sourcetype 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

CONNECTING TO A MEDIA SOURCE

The USB or Auxiliary media devices must be physicallyconnected to the vehicle for the system to recognize andaccess them. Refer to your vehicle Owner's Manual forinformation on where and how to connect the USB andAuxiliary 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 tothe vehicle or system. Once you enable the Bluetooth featurein the media device and the system, both the devices can beconnected and paired with each other.

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

PLAYING MEDIA SOURCE AUTOMATICALLY

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

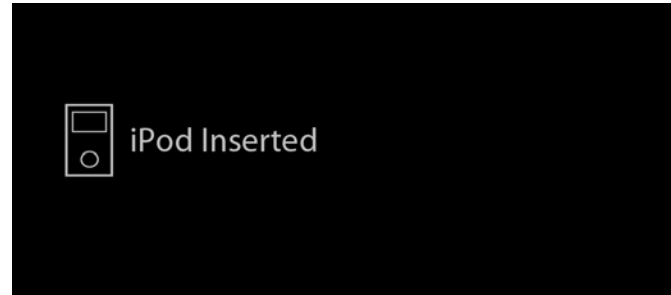



Fig 19 : Message Popup indicating iPod Source Insertion

If the system is switched OFF, the system stops playing thesource. When the system is switched ON again and if thesource is still connected, the system starts playing music fromwhere 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.

NOTE: In the Media screen, press the **MEDIA** button again. The system displays the Media Sources screen with the various media source options. In the Media Sources screen, select the required media source option.

Only sources that are currently connected to the infotainment system can be played when selected. The sources that have the check box beside their name are currently available for playing.

NOTE: If you try to play a source that is not available, the system displays a message indicating the unavailability and prompts you to connect a device of the source first.

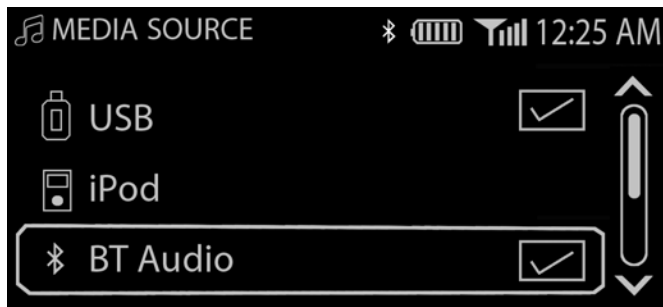


Fig 20 : Media Source Screen

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
- 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



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 when a track is playing, press the  button. 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. When in the Media screen, press the  button. The system repeats the current track. When you press the button again, the system repeats the tracks in the current folder. If you press the button 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 mediasource, instead of playing them in the sequence they are stored. To randomly play music tracks:

1. When in the Media screen, press the  button. The system randomly plays all tracks in the current folder or all music tracks in the media source. If you press the button 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.






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, SP 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 SP 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, LP 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 LP 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 thenext/previous folder and play the music tracks in them.

To shift to the next/previous folder:

1. When in the Media screen, press the **<3** or the **4>** button to shift to the previous or next 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 **6i** button. The system displays the Song Info of the track, which contains details like, Song name, Artist, Album, Genre, Year, Album number, Track number and so on.

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. .

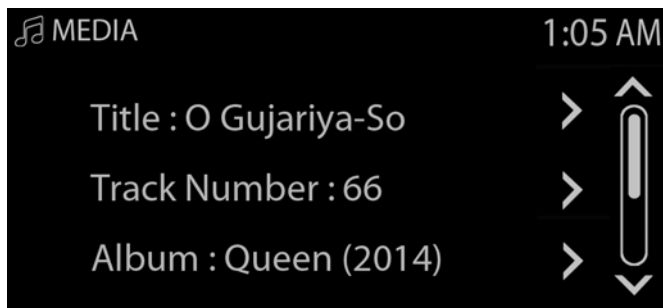



Fig 21 : Music Track Information Screen



BROWSING THROUGH THE MEDIA CONTENT

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

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

To browse through the media content:


1. In the Media screen, select the Browse button. 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.


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/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.
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.

 **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:



Fig 22 : Media Source Scanning in Progress

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.

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:
 - a. Press the **SETUP** button. The system displays the Setup menu options.

- b. Navigate to and select the Bluetooth Setup option. The system lists various options to handle the bluetooth capabilities of the infotainment system.
- c. 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.

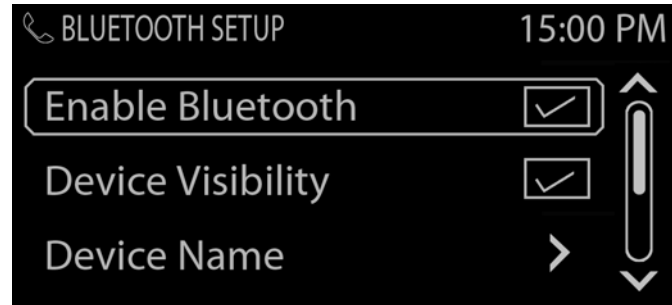


Fig 23 : Bluetooth Setup Screen

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 Setup options, navigate to and select Search Device. The system searches for bluetooth enabled devices within its range.

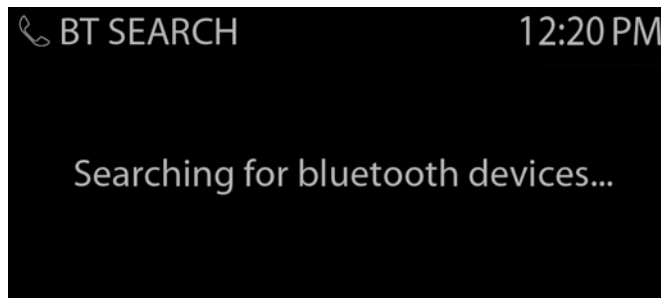



Fig 24 : Bluetooth Devices Search Message Popup

- ▼ **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.
 - ▼ **NOTE:** If you press the  button when the bluetooth device search is in progress, the system stops the search and displays the Bluetooth Setup 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 may 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 Setup options, navigate to and select **Paired Device List**. The system displays the list of devices that are paired with the system.

CONNECT/DISCONNECT A PAIRED DEVICE

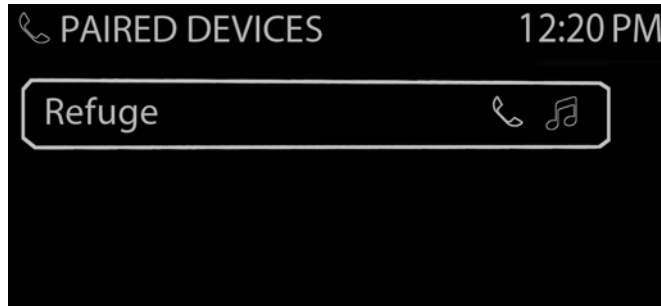




Fig 25 : Device Paired for Both Phone and Music

You can connect to a paired device to access the mediarelated data like music and/or phone related data likecontacts and call log stored in the device. Each device pairedwith the system are by default connected for both media andphone. 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 25)

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

DELETE PAIRED DEVICES

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

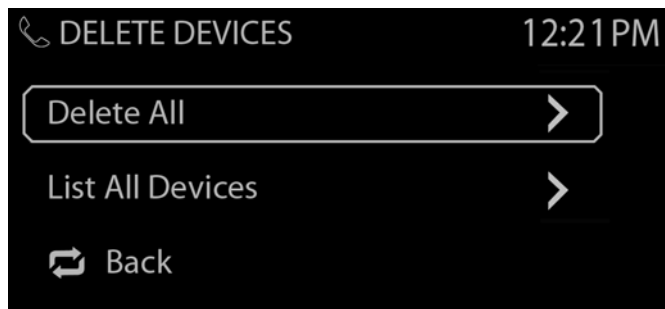


Fig 26 : Delete Devices Screen

Deleting All Paired Devices To delete all paired device:

1. In the Bluetooth Setup 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 Setup 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 Setup options, navigate to and select **Device Visibility**. The check box beside the option is either selected/cleared. 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 **CONNECTNEXT®**.

To change the Bluetooth display name of your infotainment system:

1. In the Bluetooth Setup options, navigate to and select **Device Name (<current device name>)**. The system displays a list of device names that can be set for the infotainment system.
2. Select the required device name from the list. 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.

SETTING SYSTEM BLUETOOTH PIN CODE

To change the Bluetooth pin code of your infotainmentsystem:

1. In the Bluetooth Setup 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.

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

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 Phone submenu options.

 **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 :** You can also select the  phone menu from the Home screen to display the Phone submenu options.

2. In the Phone submenu options, navigate to and select the Call Log option. The system displays the call log submenu options.
3. In the call log submenu options, select the required option from All Calls / Missed Calls / Received Calls / Dialed Calls. The system displays details of up to 10 past calls in the selected call list type.


 **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 Phone submenu options.
2. 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

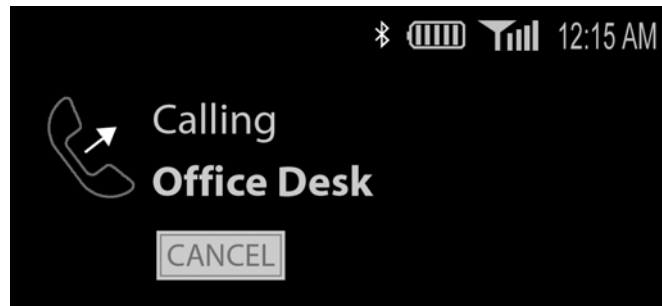



Fig 27 : Outgoing Call Screen



Manually Dialling a Phone Number

To make a call by manually dialling a phone number:

1. In the Phone submenu options, select the Dial 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.

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.

Dialling Using the Call Log

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

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

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:

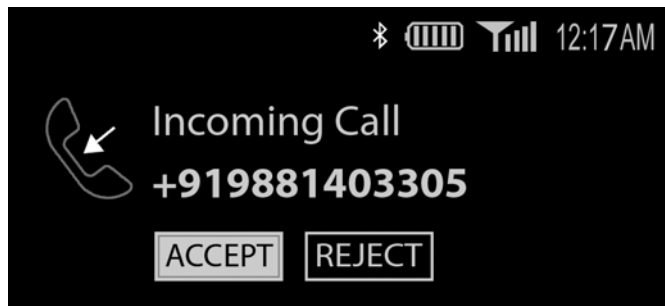


Fig 28 : Incoming Call Screen

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.

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, navigate to and select the **Keypad** button. 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, navigate to and select the **Hold** button. 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 vice versa.

To toggle between phone and system:

1. In the active call screen, navigate to and select the **Handset** button 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 newcall. 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 and Reject 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.

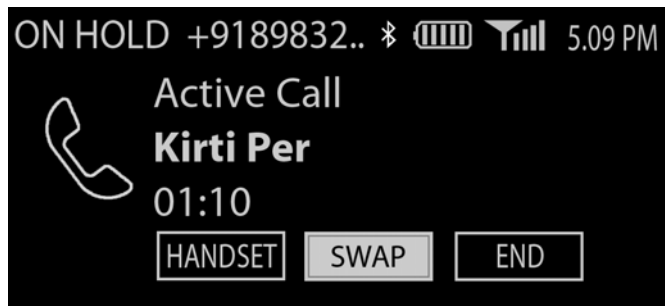


Fig 29 :Switching Between Calls

Conducting a Conference Call

When in an active call, you can connect an additional phonenumber to create a conference call between the contacts.You can create a conference call by either dialling to anadditional 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 **OPTIONS** button. The system puts the active call on hold and displays the in-call Options menu.
2. In the in-call Options menu, navigate to and select the **Add Call** option. The displays the Add Call submenu

with options to dial the additional number from the Contacts, Call Log or Dial (Keypad).

3. 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.
4. In the new call screen, press the **OPTIONS** button. The system displays the Options menu with options to handle the 2 calls (one on hold and one new call).
5. In the Options menu, navigate to and select the **Merge** option. The system merges the 2 calls to create a conference call. The first call is activated before merger.

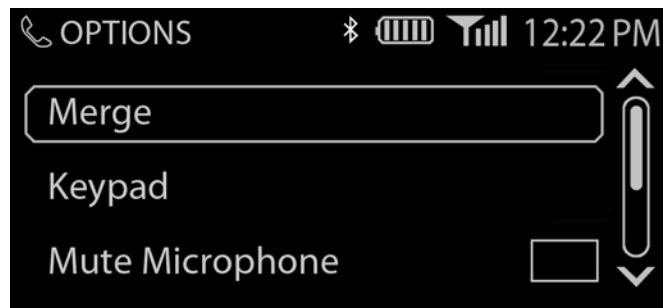


Fig 30 : Phone In-Call Options

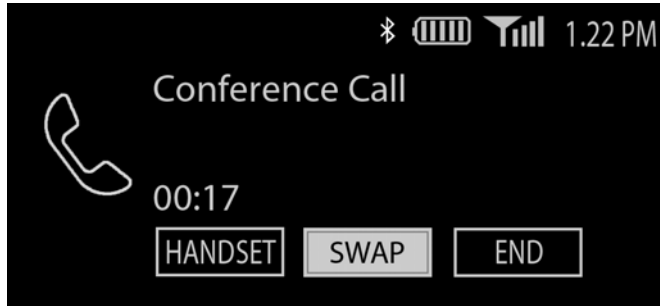


Fig 31 : Conference Call Created

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

1. Accept a new incoming call as detailed in the **Accepting Another Incoming Call** section.
2. In the new call screen, press the **OPTIONS** button. The system displays the Options menu with options to handle the 2 calls (one on hold and one new call).
3. In the Options menu, navigate to and select the **Merge** option. The system merges the 2 calls 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, press the **OPTIONS** button. The system displays the Options menu.
2. In the Options menu, navigate to and select the Mute Microphone option. The system selects the check box beside the option and puts the call on mute.

NOTE: To un-mute the microphone, repeat the above step again. The system clears the Mute Microphone check box.

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.

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
- View vehicle climate control information

 **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 Setup** option. The system displays the Vehicle screen with various options for handling the vehicle door lock/unlock, park assist and exterior lights.

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.

ACTIVATING PARK ASSIST

You can activate or deactivate the Park Assist system of your car without 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.

NOTE : Display of the Park Assist screen is automatically activated when you engage the Reverse gear.

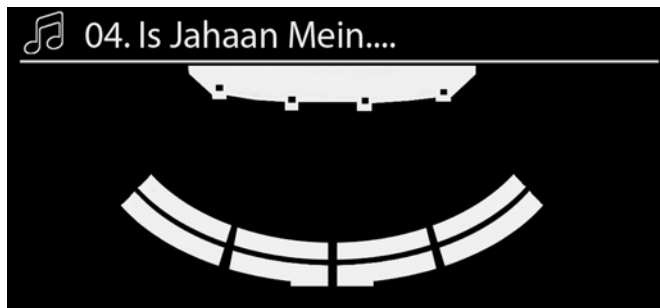
MANAGING PARK ASSIST DISPLAY

Fig 32 : Park Assist Screen

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 6: Park Assist Screen

1.	<p>Information Header Contains the any one of the following details:</p> <ul style="list-style-type: none"> • 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 <p>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.</p>
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 Motors** 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.



Fig 33 : 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, navigate to and select **Park Assist Volume** option. the system displays the Park Assist Volume screen.
3. In the Park Assist Volume screen, select Park Assist Volume field and modify the value of the field, by setting it to a new value in the range of 0 to 15.

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

MANAGE EXTERIOR LIGHTS (IF APPLICABLE)

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.

OVERVIEW OF CLIMATE CONTROL

The infotainment system displays the following climatecontrol related information in its display screen bottom bar.

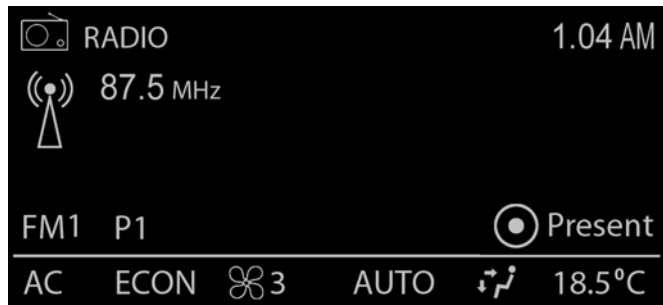


Fig 34 : Display Screen with Climate Control Details in Footer

Table 7: Display Screen Climate Information

01. AC ON/OFF	06. Air distribution mode
02. ECON ON/OFF mode	07. AUTO mode
03. Blower speed	08. Recirculation mode
04. Rear-Defogger ON/OFF	09. Fresh-AIR mode
05. MAX-Defrost mode	10. Temperature selection

CLIMATE SETTINGS CHANGE POPUP

The system displays popup message when you change any of the climate settings like temperature / blower using the FATC controls. The system displays popup message when you :

- Switch ON/OFF the AC

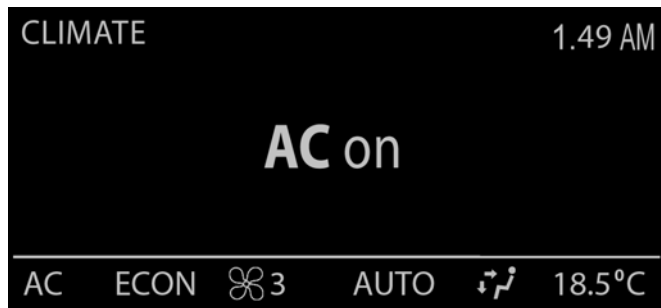


Fig 35 : Message Popup Indicating AC ON

- Increase/decrease the blower speed
- Increase/decrease the temperature
- Set the Low or High mode of temperature setting
- Shift between air re-circulation options (Recirculate or Fresh)

- Change the air distribution mode
- Set Rear Defog ON/OFF
- Set Maximum Frost Defrost
- Set Economy or Automatic mode

ABBREVIATIONS

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

Table 8: Abbreviations

AC	Air Conditioning
AM	Amplitude Modulation
APPS	Applications
AUX	Auxiliary
AVRCP	Audio/Video Remote Control Profile
BMP	Bitmap Image File
FATC	Fully Automatic Temperature Control
FM	Frequency Modulation
HVAC	Heating, Ventilation and Air Conditioning
IR	Infra-Red
JPEG	Joint Photographic Experts Group

Table 8: Abbreviations

LP	Long Press
PBAP	Phone Book Access Profile
PNG	Portable Network Graphics
RDS	Radio Data System
SP	Single Press
USB	Universal Serial Bus

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