
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 you 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 person.

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 the vehicle at a safe location and engage the park 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 utmost 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 after-market speakers. It may lead to the malfunctioning or even damage 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 authorized dealer for 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 and so on. It might cause damage to the system or component.

**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.

TRADEMARKS

Apple CarPlay, Siri and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

Android and Android Auto are trademarks of Google Inc.

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:
 - Where the product has been dismantled, repaired, altered, modified or damaged due to user negligence and misuse
 - The serial number of the product been removed, defaced or altered
 - Warranty void sticker has been removed or tampered
 - Improper usage of the product such as wrong electrical supply/ voltage setting causing damage to the equipment

- Tampered, 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:

- 7" 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 and Bluetooth Audio multimedia support
- Video Playback and Image Viewing support from USB sources
- Hands-free/ Bluetooth support with advanced functions like 'Set contacts as Favorite' and 'Reject with SMS' for incoming calls

- Pairing with Phone handset through Bluetooth for Phone and Music to support features like Phone book, Download & Audio streaming
- Integrated with vehicle components like Park Assist System and displays related information
- Vehicle feature control support like approach lamps
- Infotainment system control from Steering Wheel
- Smartphone or iPhone control from the vehicle infotainment system through Android Auto or Apple CarPlay applications



NOTE:

Some of the vehicle features like Park Assist, Steering Wheel Controls (SWC) 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.



NOTE:

AM*-as per vehicle feature applicability.

CONTROL ELEMENTS OVERVIEW

The control elements, buttons and knobs that are available on the infotainment system allow 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.

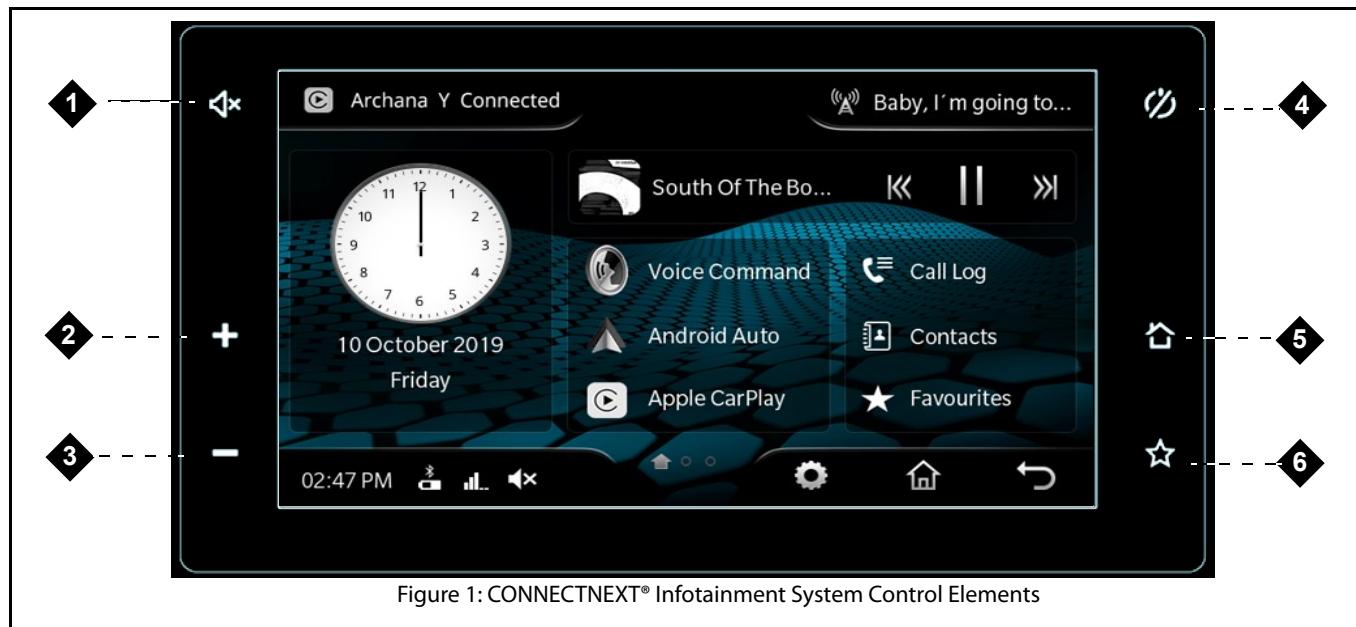


Figure 1: CONNECTNEXT® Infotainment System Control Elements

Table 1: Infotainment System Control Elements

| Sl No | Control Elements | Description |
|-------|--|--|
| 1 |  Mute | <ul style="list-style-type: none">Short Press (SP) & Long Press (LP):<ul style="list-style-type: none">Mutes/ Unmutes the media. |
| 2 |  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">Continues to increase volume/ ring tone volume till the maximum value is reached. |
| 3 |  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">Continues to decrease volume/ ring tone volume till the value reaches 0 or if the button is released. |

Table 1: Infotainment System Control Elements

| SI No | Control Elements | Description |
|-------|--|---|
| 4 |  Power OFF | <ul style="list-style-type: none"> SP & LP: <ul style="list-style-type: none"> Media Off: Turns Media ON. Media On: Plays/ Pauses Media. Display Off: Turns Display On. System Switch Off Mode: System On and goes back to the previous Media stage. |
| 5 |  Home button | <ul style="list-style-type: none"> SP & LP: <ul style="list-style-type: none"> Displays home screen with current media/ audio source playing in the background. Incoming Call/ Outgoing Call/ Active Call: No action. Display Off: Turns Display On. Android Auto/ Apple CarPlay: Exits from the Android Auto/ Apple CarPlay mode and displays the Home screen. <p> NOTE:</p> <p>During high priority activities like Park Assist and Active Phone Call, if the Home button is tapped, no action will be performed.</p> |

Table 1: Infotainment System Control Elements

| SI No | Control Elements | Description |
|-------|--|--|
| 6 |  Favorite button | <p>This is a configurable button, which can be set as the shortcut for any of the below listed functionalities:</p> <ol style="list-style-type: none">1. Source (Toggle)2. Audio Setup3. Favorite Contacts4. Park Assist5. Android Auto (if applicable)6. CarPlay (if applicable) <ul style="list-style-type: none">• SP:<ul style="list-style-type: none">○ Opens the currently configured shortcut. If no shortcut is configured, lists the configurable functionalities. If configured for Android Auto/Apple CarPlay and the feature is unavailable, the system displays a popup indicating the same.• LP:<ul style="list-style-type: none">○ Displays the list of configurable functionalities or allows to set a different functionality as the shortcut |

OTHER MODES OF CONTROL

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

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

STEERING WHEEL CONTROL ELEMENTS



Figure 2: Steering wheel control elements

Table 2: Steering Wheel Control Elements

| SI No | Control Element | Description |
|-------|--|---|
| 1 |  Audio Source Change | <ul style="list-style-type: none"> ● SP/LP: <ul style="list-style-type: none"> ○ Android Auto/Apple CarPlay not connected: Plays the media in the following sequence Previous FM station-> Previous AM* station->USB->Bluetooth audio streaming. ○ Android Auto/Apple CarPlay connected: Plays the media in the following sequence Previous FM station-> Previous AM* station->Android Auto/ Apple CarPlay. |
| 2 |  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/ring tone volume until the button is released or the maximum volume is reached. |

Table 2: Steering Wheel Control Elements

| SI No | Control Element | Description |
|-----------------|--|---|
| 3a And 3b |  Accept Phone Call  Activate Voice Recognition/ Press To Talk (if available) | <ul style="list-style-type: none"> ● SP: <ul style="list-style-type: none"> ○ Android Auto/Apple CarPlay: If Google Assistant/ Siri is active, continues it. If connected but not active, starts Google Assistant/ Siri. ○ Incoming Phone Call: Accept call. ○ Active Phone Call: Put the call on Hold. ○ Display OFF Mode: Turns on the display and executes selected option. ○ Voice Alert: Cancel Voice Alert and activates native voice control system/Siri/Android Auto, which ever is available. ○ Outgoing Call: No Action ● LP: <ul style="list-style-type: none"> ○ Android Auto/Apple CarPlay: If Google Assistant/ Siri is active, continues it. If connected but not active, starts Google Assistant/ Siri. ○ Others: Same as SP. |

Table 2: Steering Wheel Control Elements

| SI No | Control Element | Description |
|-----------------|---|--|
| 4 |  Scroll Right | <ul style="list-style-type: none"> ● SP: <ul style="list-style-type: none"> ○ Media: Opens the next track. ○ Radio: Plays the next preset radio station. ○ Video: Player: Open the next file ● LP: <ul style="list-style-type: none"> ○ USB Media: Opens the next folder. ○ BT Media Types/Android Auto/Video Player: Fast Forward ○ Radio: Initiates Auto Seek Up by increasing radio frequency until the button is released. |
| 5a And 5b |  Mute  Reject Phone Call | <ul style="list-style-type: none"> ● SP/ LP: <ul style="list-style-type: none"> ○ Mutes/Unmutes the audio track. ○ Incoming Phone Call: Reject call. ○ Outgoing Phone Call: Cancel call. ○ Active Phone Call: End call. |
| 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/ring tone volume until the button is released or the volume value reaches 0. |

Table 2: Steering Wheel Control Elements

| Sl No | Control Element | Description |
|-------|---|--|
| 7 |  Scroll Left | <ul style="list-style-type: none">• SP:<ul style="list-style-type: none">○ Media: Opens the previous track.○ Radio: Plays previous preset radio station.○ Video Player: Opens the previous file.• LP:<ul style="list-style-type: none">○ USB Media: Opens the previous folder, if applicable.○ BT Media Types/Android Auto/Video Player: Fast Rewind○ Radio: Initiates Auto Seek Down by decreasing radio frequency until button is released. |

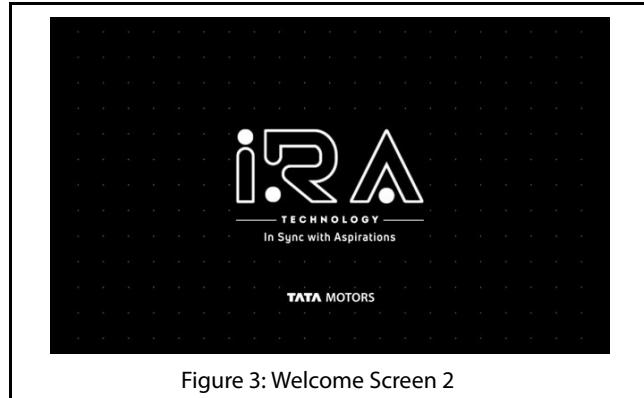
SYSTEM USAGE

SYSTEM USAGE

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

CONNECTNEXT® HOME SCREEN

Access to any function/feature begins from the Widgets Home screen. The Widgets Home screen of the CONNECTNEXT® infotainment system is displayed after the Welcome screens. It has list of menus on it..



MENUS

The system provides you with a shortcut for 2 features/functions, that is Android Auto/Apple CarPlay on your vehicle variant along with widgets, which can be accessed as per requirements. The widgets provide extra functionalities to access contacts, call logs, clock, etc. There are drawers on either sides which can be expanded. Widgets Home screen consist of widget tiles and widget drawers.

WIDGET TILES

There are 4 widget tiles which provide additional functionality for ease of access to the user. The functionalities of the widget tiles provide quick information about media, Clock, Call logs and Contacts lists. Also Android Auto and

Apple CarPlay feature shortcut is available on the Widgets Home screen.

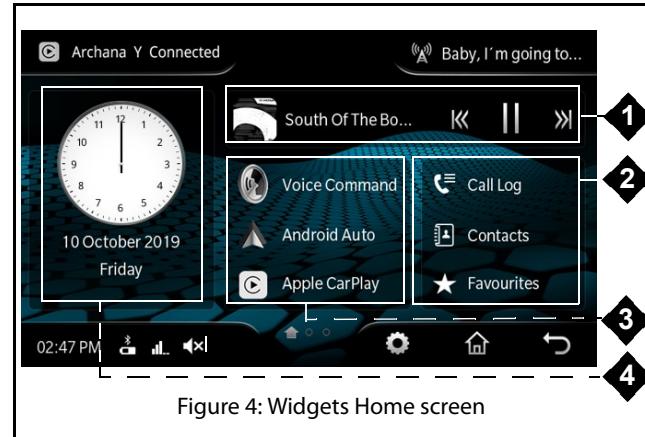


Figure 4: Widgets Home screen

1. Media widget

The Media widget tile is located on the top of Widgets Home screen, below the Notification Bar. When you tap the left or right arrow, you can choose among the available media source. After selection the song is displayed in the Widgets Home screen and also in the Notification Bar.

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2. Phone widget

The Phone widget tile is located below the Media widget tile. The Phone widget has two menus. This tile provides

- Shortcut to pair new device if no device is paired
- Shortcut to open paired device list
- Shortcut to access call logs or contacts list if smartphone is connected.

CALL LOGS

When you tap on Call logs widget you can access call logs of your smartphone and understand information about the calls placed, received, rejected etc.

Maximum 60 logs can be accessed.

Delete the older logs periodically to avoid logs overflow.

CONTACTS

When you tap on the Contacts widget, contacts list of your smartphone is displayed. You can add regularly used contacts in the Contact list.



NOTE:

Maximum 60 contacts can be stored in the contacts list.

FAVORITES

When you tap on this Favorites widget, favorite contacts list of your smartphone is displayed. You can add your favorite contacts in this widget.

3. App widget

The App widget tile is located on left side of Phone Widgets on Home screen. Tap the desired app shortcut to choose among the widgets to use Android Auto/ Apple CarPlay and voice recognition feature.

4. Clock widget

The Clock widget is located on the left of the Home screen and displays current time.

Creating shortcuts (Home Screen)

You can create shortcut menus for frequently used features or submenu options. Only the menus in the first screen (indicated with a Home icon below the menu list), can be replaced or removed. When you remove the shortcut menu of a function/ feature on the Home screen, the system



displays a blank Add Shortcut icon in its place and the removed menu is added to the last menu screen.

If you replace a shortcut menu with the shortcut of another feature/ function, the positions of the menus will be interchanged. For example, if the Contacts shortcut is in the Home screen and Phone shortcut is in second screen. When replaced, the system displays Phone shortcut in the Home screen and the Contacts shortcut in the second screen.

To create a shortcut:

1. In the Home screen, tap on the blank Add Shortcut menu. The system displays the Add Shortcuts screen.
2. In the Add Shortcuts screen, navigate to and select the required function/ feature for which you want to create a shortcut. The system assigns the access to the

function/ feature to the blank add shortcut menu and also displays the name and icon of the function/ feature on the Home screen. You can now select the menu to access the function/ feature.



NOTE:

If the number of shortcuts in the Home screen is 6, you will be unable to add a new shortcut. You need to either remove or replace an existing shortcut to add a new shortcut.

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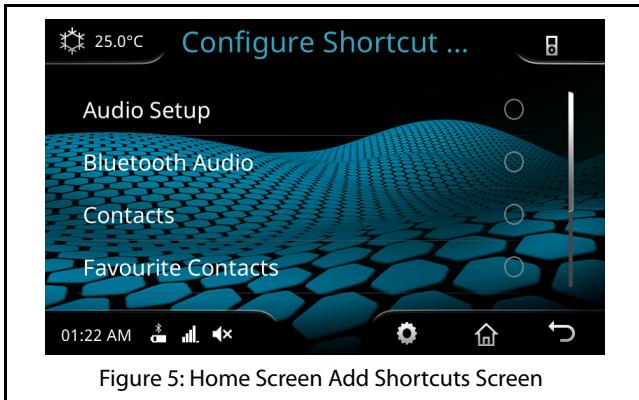


Figure 5: Home Screen Add Shortcuts Screen

Removing/Replacing a Shortcut

To remove/ replace a shortcut:

1. In the Home screen, Long Press on the shortcut menu that must be replaced or removed. The system prompts you to confirm whether you want to '**Replace**' or '**Remove**' the shortcut or completely '**Cancel**' the action.



NOTE:

Only shortcuts that have been assigned to a feature/ function can be removed or replaced,  cannot be removed.

2. To remove the shortcut, select the **Remove** option.



NOTE:

The deleted shortcut menu will be replaced with .



Figure 6: Remove or Replace Shortcuts Popup



NOTE:

If the Android Auto/ Apple CarPlay shortcuts are available on the Home screen, you cannot delete these shortcuts.



NOTE:

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

3. To replace the shortcut with another function/ feature, select the **Replace** option. The system displays the Configure Shortcuts screen with the list of functions/ features that can be configured.
4. Select the required function/ feature from the list. The system assigns the selected function/ feature to the replaced shortcut menu and also displays the name and icon of the function/ feature on the Home screen. You can now select the menu to access the function/ feature.

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Widget Drawers

The Widget Drawers on the Home screen and other screens display the shortcuts to individual functions such as Home, Back and Contextual Setup or details of a specific feature like HVAC, Media and so on. The following 4 Widget Drawers are displayed at the 4 corners of a screen (See Figure 9):

1. Source Drawer
2. HVAC Drawer
3. Status Drawer
4. Contextual Setup, Home and Back Drawer



NOTE:

The Contextual Setup, Home and Back Drawer cannot be expanded.

When you tap on a drawer, the drawer expands and provides more options to manage the feature, or displays more details related to the function/ feature listed earlier in the collapsed mode of the drawer.



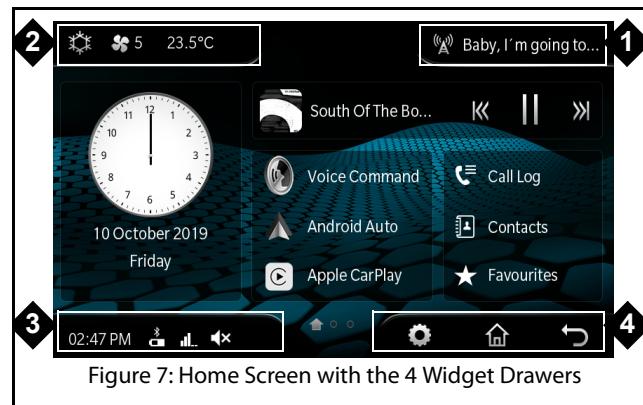
NOTE:

To close a drawer, tap on any part of the screen outside the drawer.



NOTE:

The widget drawer will be hidden in screens that are displayed in Full Screen Mode like Media OFF, Video playback and Park Assist. To view the widget drawer in full screen mode, tap anywhere on the screen.



Source Drawer

The Source widget drawer is located at the top right corner of the Home screen. This drawer displays the media source indicator icon and the currently played media track name. For Radio, the currently played station name or frequency will be displayed (See Figure 8).

When you tap the Source drawer, it expands and shows the enabled or disabled status of the various audio sources available for your vehicle. When you select an audio source, the selected source screen will be displayed.



Figure 8: Source Drawer

HVAC Drawer

The HVAC widget drawer is located at the top left corner of the Home screen.

In the Home screen and Media screens, the HVAC drawer is displayed in partially expanded mode and the details displayed in this drawer will vary with the 3 status of the Climate Control.

- **Climate Off:** Climate Off will be indicated and no other details will be displayed.
- **Normal Mode:** Climate On icon, currently set Blower Speed and temperature.
- **Auto Mode:** Climate On icon, AUTO icon and currently set temperature.

NOTE:

In all other screens, the HVAC drawer will be displayed in collapsed mode (reduced in size) and will display only three details such as AC mode, Climate ON/OFF and temperature status when in Auto mode or Fan Speed and temperature status.

When you tap the HVAC drawer, it expands and displays different Climate Control setting options like temperature, blower speed, Air Re-circulation toggle switch and so on,

SYSTEM USAGE

used for managing the Climate Control of your vehicle (See Figure 11).

To change the HVAC settings from within the drawer, you can:

- Tap on an option for example, the Air Re-circulation option to enable/disable it.
- Tap on the arrow icons beside the option for example, the temperature option to increase or decrease the setting value.

If any HVAC settings are changed using the HVAC control elements, the changes will be displayed in the HVAC drawer (partially expanded/ collapsed mode) for few seconds.

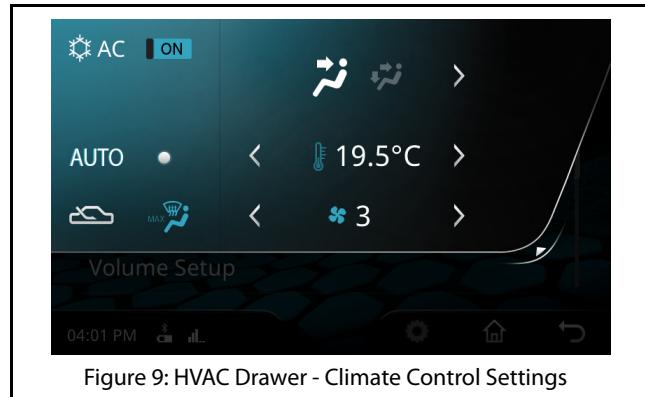


Figure 9: HVAC Drawer - Climate Control Settings

Status Drawer

The Status widget drawer is located in the bottom left corner of the Home screen.

The drawer displays the following details:

1. Current time
2. Mute icon, if the system volume is set to mute
3. Connected Phone battery and network status

In following few instances, the display in the Status drawer changes:

1. **Volume:** When the volume of the infotainment system is increased or decreased, the change is relayed in the drawer.

When you tap the Status drawer, it expands and the different settings that are displayed in the drawer are listed below:

Table 3: Status Drawer Expanded Mode Settings

| Sl.No | Settings |
|-------|--|
| 1 | Brightness Control, only if Parking Light is OFF |
| 2 | Phone Notifications |
| 3 | Paired Device status, Android Auto/ Apple CarPlay status (if applicable) |
| 4 | Minimized Media Control Panel |
| 5 | Display ON/ OFF |
| 6 | Mute/ Unmute |

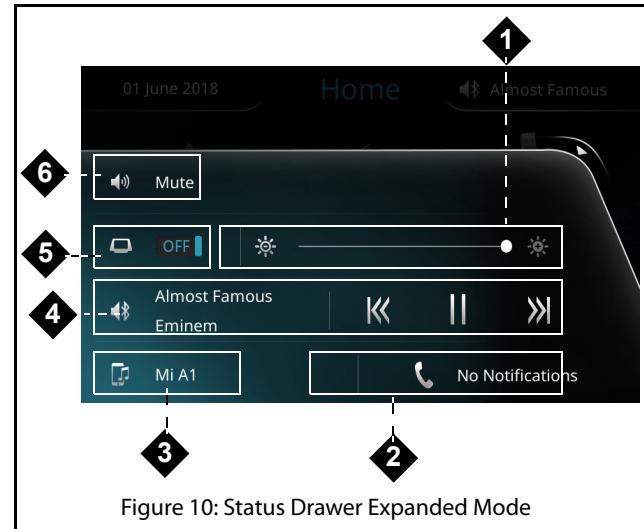


Figure 10: Status Drawer Expanded Mode

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Contextual Setup, Home and Back Drawer

The Contextual Setup, Home and Back widget drawer is located in the bottom right corner of the Home screen.

This drawer displays the following icons:

- **Contextual Setup Options** : Depending on the screen you are currently in, displays the corresponding Setup screen and options or the General Setup screen.
- **Home** : Jumps to the Home Screen from any screen of the infotainment system.
- **Back** : Returns to the previously displayed screen.

NAVIGATING BETWEEN THE HOME SCREEN MENUS

You can navigate between the Home Screen menus using the Touch Screen.

To browse through the menu screens:

Using Touch Screen:

- Swipe on the screen in a clock-wise or anti-clockwise direction with your finger.

NAVIGATING BETWEEN ON-SCREEN OBJECTS

The on-screen objects of the infotainment system like, menus, icons and so on can be accessed using 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 icon/menu.
- select or deselect a check box or a option icon.

Using Touch Screen:

- Tap on the on-screen object.

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:

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

1. Tap on the  screen icon to increase the value or  screen icon to decrease the value.

Going to the Parent Menu from a Submenu

1. Tap the  icon 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:

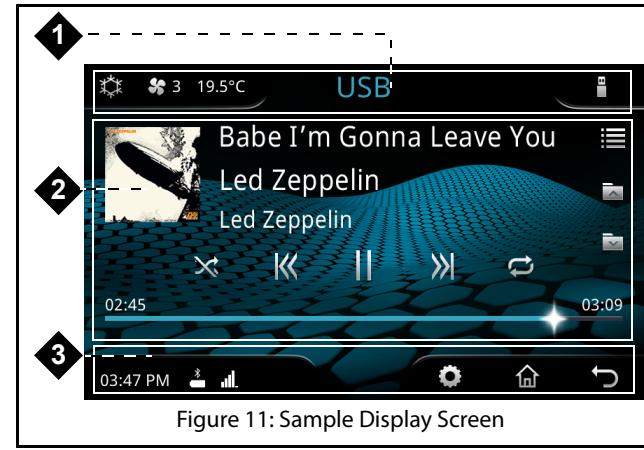


Figure 11: Sample Display Screen

1. **Header Area:** Displays the HVAC Drawer details, feature/ media source/ menu option/ submenu option name and Source Drawer details.

2. **Active Area:** Displays submenu options, information or progress of the currently selected menu function/ feature.
3. **Footer Area:** Displays the Status drawer details, Contextual Setup, Home and Back Drawer details.

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 the pre-configured timeout period.
- 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 starts, the system will be in the **System Switched ON (Active) Mode**.

SYSTEM ON/OFF

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 or playback of one of the available audio source is started. Even if the system



was switched OFF using , the system will be automatically switched ON, after vehicle ignition switch ON.

If the vehicle ignition is switched OFF, 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 long press , the media source or radio that is currently played will be stopped and the system will display the system clock. The system is now in the **Media Switched OFF Mode**.

All entertainment functions (Media/ Radio) will be unavailable in this mode. To come out of the Media OFF mode, perform anyone of the following actions:

SYSTEM ON/OFF

- Connect any new media device
- SP/LP of 
- Phone or Google Assistant/Apple CarPlay Siri is activated

When the vehicle ignition is switched OFF, the infotainment system will be available for the next one hour. This is called the **One Hour System Switched ON Mode**. To completely

turn OFF the system, long press  or remove the vehicle key.

When you turn ON the vehicle ignition, the infotainment system will then be available in Active mode.

Only Phone and entertainment functions (Media/Radio) will be available in this mode. After an hour, the system will be automatically switched OFF. 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.



Figure 12: System in Media OFF Mode

MANAGE GENERAL SETTINGS

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



1. Tap **Setup**. The system displays the Setup drawer 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.

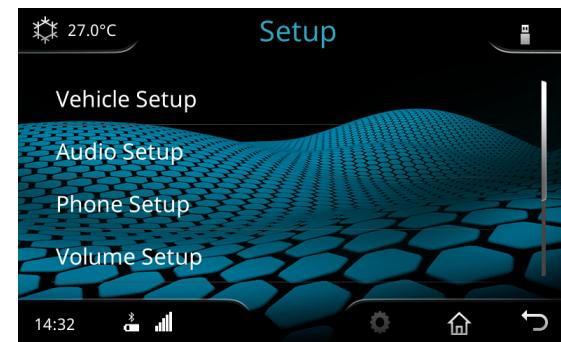


Figure 13: Setup Screen

SETTING DATE

To set the system date:

1. In the **General, Setup** options, 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.

MANAGE GENERAL SETTINGS

4. Highlight the year (YYYY) field and select the required year value.
5. When the required date is selected, select the **Set** icon. The selected date is set as the system date.

**NOTE:**

You can scroll through the values of day, month and year in the number lists either by using manual touch scrolling or up/down arrows.

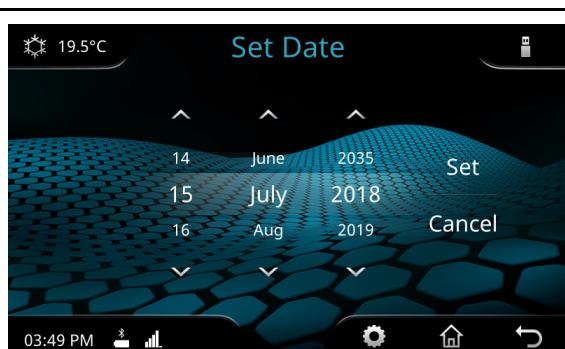


Figure 14: Set Date Screen

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** icon. 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. Select the check box beside the option 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.

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
- All media source details stored in the system will be cleared.

- All user saved/configured settings like phone favorites, theme selection and so on will be cleared.
- All the Radio stored presets will be cleared and the currently played frequency will be reset to the default frequencies i.e. FM -87.5 MHz and AM* -531 kHz.

**NOTE:**

Irrespective of the media source that was last played, after Reset to Factory Defaults, when you select Media, the Radio (FM) will be played by default.

To reset the system to factory default settings:

1. In the **General Setup** options, navigate to and select the **Reset to Factory Defaults** option. The system prompts you to confirm whether you want to continue with the reset or not.
2. Click **Yes**, the system initiates the restoring to factory default settings action. The media source/radio that is currently playing will be stopped. Phone will be disconnected.

Once the reset is completed, the system prompts you to switch OFF the infotainment system, switch OFF ignition. The reset action is completed, when you

MANAGE GENERAL SETTINGS

insert the key again (after 10 seconds at least) and switch ON the ignition and the infotainment system.

You will not be able to initiate Reset to Factory Defaults 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 15: Reset to Factory Defaults Message Popup

CLOCK THEME

Clock theme provides you options to select clock look and feel according to your choice. This can be setup and displayed on Wdget Home screen. Default clock screen is setup which you can view in media OFF state.

You can select different clock themes by scrolling the dot navigation on the screen to left and right.



Figure 16: Default Clock Theme

CHANGE AUDIO SETTINGS

CHANGE AUDIO SETTINGS

To change the audio settings:



1. Tap **Gear icon**. 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.

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, Middle & Treble** option. The system displays the Bass/Middle/Treble screen.
2. In the Bass, Middle & Treble screen, modify the settings of the required fields, by setting them to new values within the defined range.



NOTE:

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

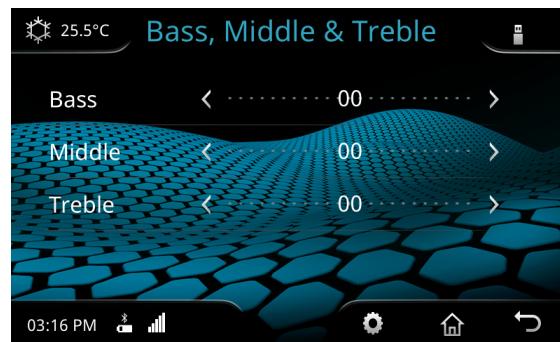


Figure 17: Bass, Middle & Treble Screen

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 Setup** 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 within the defined range.



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.

Distributing Volume Only to Front Speakers

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

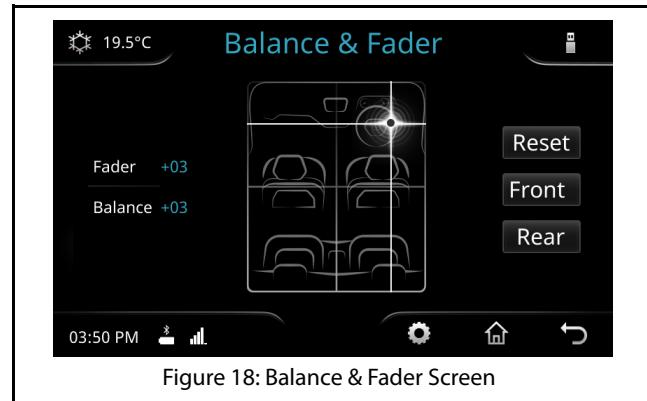


Figure 18: Balance & Fader Screen

Distributing Volume Only to Rear Speakers

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

CHANGE AUDIO SETTINGS

Resetting Fader Settings

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

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

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.

CHANGE VOLUME SETTINGS

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



1. Tap **Setup**. 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.

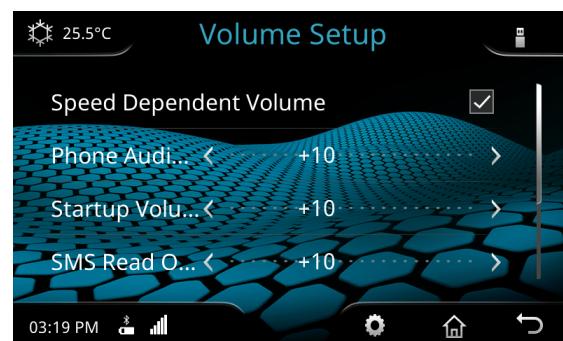


Figure 19: Volume Setup Screen

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 enable the speed dependent volume:

1. In the Volume Setup screen, navigate and select **Speed Dependent Volume**.

CHANGE VOLUME SETTINGS

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 Setup screen, highlight the **Phone Audio** field, modify the settings of the field, by setting it to a new value within the defined range.

SETTING START UP 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 **Start Up** field, modify the settings of the field, by setting it to a new value within the defined range.



NOTE:

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

SOFTWARE DETAILS

You can view the details of the infotainment system software like version and date of update. This option is mainly useful when you want to upgrade the system software or verify after upgrading the software.

To view the software details:



1. Tap . The system displays the Setup menu options.
2. Navigate to and select the **Software Details** option. The system displays the Software Details screen with the Software Version and Last (software) Updated details.
3. After reading the details, tap the icon to go back to the Setup screen.



Figure 20: Software Details Screen

RADIO

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



NOTE:

AM*-as per vehicle feature applicability.

FM RECEPTION LIMITATIONS

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

1. The 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 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 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, perform any of the following:

- Scroll to and tap  on the infotainment system Home screen, if available
- Open the Sources Drawer and tap the FM icon.



Figure 21: Sources Drawer

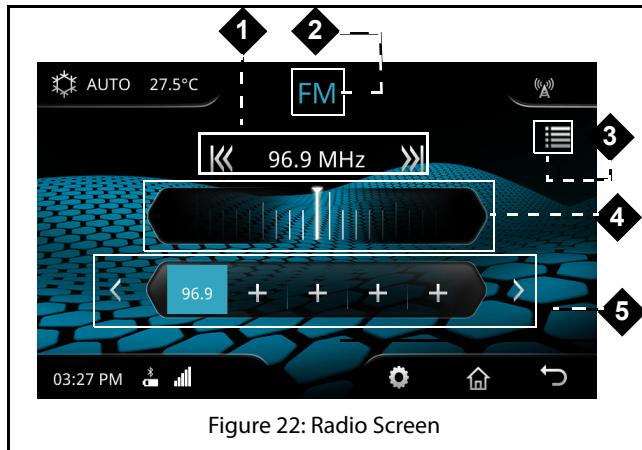


Figure 22: Radio Screen

Table 4: Radio Screen

| | |
|----|---|
| 4. | Manual Tuning Scale |
| 5. | List of preset icons with their corresponding radio station frequencies. The preset that does not have any frequency stored in it, is represented with a + sign |

Table 4: Radio Screen

| | |
|----|----------------------------------|
| 1. | Currently active frequency |
| 2. | Currently active radio band (FM) |
| 3. | Browse icon |

RADIO OPERATIONS

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, tap the **Source** drawer. The various media sources that can be connected with the infotainment system are listed in the drawer.
2. Select the required radio band (FM). The system displays the details of the selected radio band.

Increasing/Decreasing Radio Volume



Tap on  or to increase or decrease volume.

TUNING RADIO STATIONS

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

Manually Tuning a Radio Station

To manually tune radio stations in the Radio screen:

1. Swipe the frequency slider to left or right to tune to the next valid station Or tap the left or right corners of the slider.



Figure 23: Radio Stations Manual Tuning

Auto Tuning a Radio Station

To auto tune radio stations:

1. In the Radio screen, tap  or  icons. The system will automatically tune to the next valid radio station by increasing or decreasing the frequency and starts playing it.



Figure 24: Radio Stations Auto Tune

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. Tap anywhere on the slider.

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 listening to a station.

RADIO OPERATIONS

To scan through the radio stations:

1. In the Radio screen, tap **Option**  icon. The system displays Auto Store and Scan options.
2. Tap **Scan**. The system tunes to the next receivable station and plays it for 10 seconds. The scanning will be continued until canceled (displayed at the right corner) or till it reaches back to the initial frequency from where the scan was initiated.

**NOTE:**

You can store the currently played station in any preset (1 to 20) by long pressing the required preset number icon from the list of preset icons displayed on the screen. Refer to the [**"Handling Presets"**](#) section for information on presets.



Figure 25: Radio Stations Auto Scanning

HANDLING PRESETS



DEFINITION:

You can store a radio station in the system memory as a Preset, which helps 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 '+' icon for 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 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, tap the **Option**  icon. The system displays Auto Store and Scan options.
2. Tap **Auto Store**. The system searches for the available radio stations and when found stores them as presets for the current radio band (FM). When radio stations are stored in all presets or if there are no more available stations, the system stops the automatic storing action.

Playing a Preset

To play a radio station stored as a preset:



1. Tap  . 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.



NOTE:

You can also play a preset by browsing through the available presets list and selecting the required preset. Refer to the [**"Browsing Through the Presets"**](#) section for information on browsing through the presets list.

BROWSING THROUGH THE PRESETS

To browse through the preset list:

1. In the Radio screen, the system displays the list of presets. You can view the different presets by browsing through the stored presets or using the left and right arrows on the screen (highlighted in the below figure).



Figure 26: Radio Stations Auto Tune

MEDIA

The CONNECTNEXT® infotainment system supports the following media sources to play music and videos:

1. USB source
2. Bluetooth Audio source

The supported audio formats aac, .mp3, .wav and .wma.

The supported video formats are .mp4 and .avi.



NOTE:

Video playbacks are supported from USB source only.

OVERVIEW

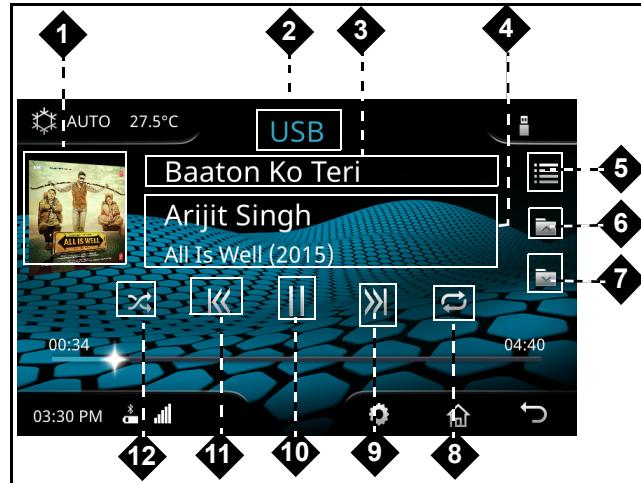


Figure 27: Sample Media Screen - USB Source

Table 5: Media Screen

| | |
|-----|----------------------------------|
| 1. | Track Information/Album Art |
| 2. | Active Media Source Type |
| 3. | Current Active Track Information |
| 4. | Next Track Information |
| 5. | Browse Icon |
| 6. | Folder Up Icon |
| 7. | Folder Down Icon |
| 8. | Switch On/Off Repeat |
| 9. | Next Track Icon |
| 10. | Play/Pause Icon |
| 11. | Previous Track Icon |
| 12. | Switch On/Off Shuffle |

**NOTE:**

The Folder Next and Previous icons are available only for the USB media source, which have media content stored in folders. These icons will be unavailable for Bluetooth media sources.



Figure 28: Sample Media Screen - BT 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 1.6, all screen options listed in the table, except the folder options (6 and 7) 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. Additionally, the random and repeat features are also supported in AVRCP version 1.3 and above. For devices with AVRCP below 1.3, the system only displays a message "Playing from phone" and the play/pause icon. Please note that behavior of Bluetooth profiles can vary from device to device. Please check your phone user manual for more details.

PLAYING A MEDIA SOURCE

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 system
- By selecting a media source type from the Sources drawer
- By a shortcut menu configured for the media type
- By configuring and using the  Favorite button



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 media devices must be physically connected to the system for them to be recognized and accessed. Refer to your vehicle Owner's Manual for information on how to connect the USB.



NOTE:

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

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

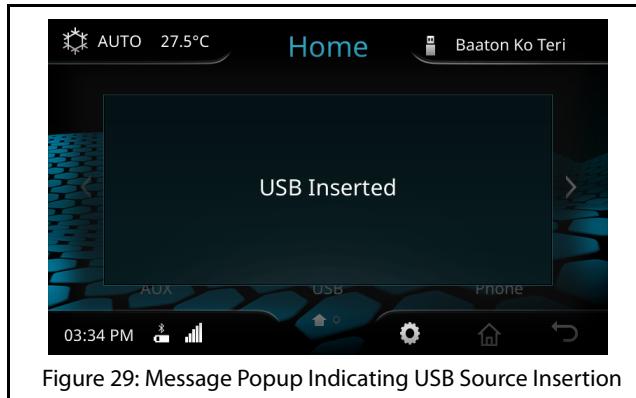


Figure 29: Message Popup Indicating USB Source Insertion

If the system is switched OFF, it stops playing the source. Once 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. Tap . The system displays the Media screen and plays the track that was played last, if the source is still connected.

NOTE:

 is a configurable menu and the above step is applicable only if you have configured the menu for Sources.

2. In the Media screen, tap the **Sources** drawer. The system displays the media sources. Select the required currently available media source. The system plays music track from the selected source.



NOTE:

The Sources drawer is available from any screen on the infotainment system.

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



Figure 30: Media Sources Drawer

PLAYING MEDIA SOURCE USING A SHORTCUT

If you have configured a shortcut in the Home screen 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 \(Home Screen\)”**](#) section, for the steps involved in creating shortcuts for the various media sources and the [**Navigation between the Home Screen Menus**](#) section to understand how to select a Main Menu.

MUSIC RELATED FUNCTIONS

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
- 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



NOTE:

When the media is in mute, play/pause actions will not unmute the media.

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, tap the **Pause** icon on the screen. The system pauses the playing music and the icon changes to a Play icon. Repeat the step to restart playing the 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. Tap  or  to increase or decrease the volume.



NOTE:

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

Muting/un-muting volume

To mute/un-mute volume:



1. Tap . The system mutes the volume. When you tap the icon again, the system will unmute the volume.



NOTE:

You can also use the  control element on the Steering Wheel to mute the volume.

REPEATING TRACK

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, tap the **Switch On/Off Repeat** icon. The system repeats the current track and displays a '1' above the Repeat icon to indicate the action. When you tap the icon again, the system repeats all the songs. In case of USB, by default the system repeats all the songs. In case of BT audio, you can also switch OFF repeat.

**NOTE:**

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

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 in which they are stored.

To randomly play music tracks:

1. In the Media screen, tap 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 tap the icon again, the shuffle action is stopped.

**NOTE:**

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

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, Short Press the **Next Track** icon or the **Previous Track** icon to play the next or previous track respectively. The system plays the next/previous track.

**NOTE:**

You can also Short Press the  and the  Steering Wheel control elements to play the previous or next music track respectively.

**NOTE:**

For some Bluetooth audio devices, the playing next/previous music tracks functions may not work. The availability of the function is dependent 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 **Next Track** icon or the **Previous Track** icon. The system fast forwards or fast rewinds the music tracks until the icon is released and the action is stopped. The system plays the music track that is in focus when the action is stopped.

**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:

MUSIC RELATED FUNCTIONS

1. When in the Media screen, tap 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

 Steering Wheel control elements to play the previous or next folder respectively.

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, tap the **Browse**  icon. The system displays the Browse screen with applicable categories list.
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 the required music track. The system plays the selected music track.

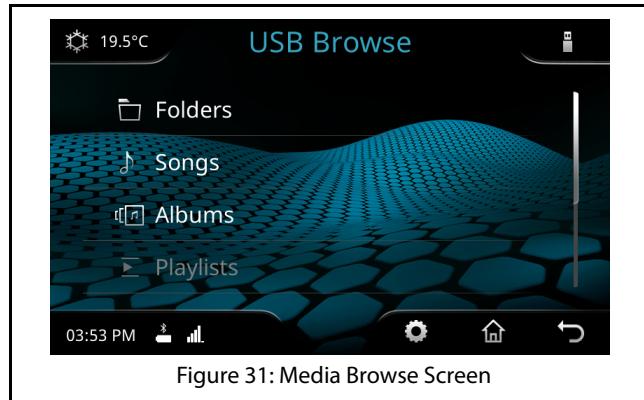


Figure 31: Media Browse Screen

SOUND DEMO

Infotainment system provides added category from which songs can be played.

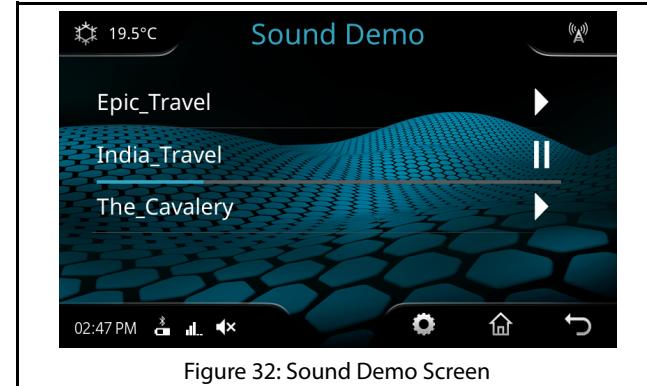


Figure 32: Sound Demo Screen

To play Sound Demo:

- Tap on Sound Demo from the Homescreen Tile and you can navigate to Sound Demo screen.
- From Sound Demo screen, select the required song track.

MUSIC RELATED FUNCTIONS

- To exit through this mode, change the media source connected.

**NOTE:**

Button press through phone/SWC will exit this mode. Stored track can be played irrespective of the setting of Equalizer as well as Bass, Middle & Treble settings.

VIDEO PLAYBACK

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

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 closes the video playback screen and displays a popup message indicating that the video playback is unavailable at high speed.

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 "No playable audio found, Do you want to browse USB?"
2. Select **Yes**. The system displays the list of available videos.
3. Navigate to and select **Videos**. The system plays your favorite video on the infotainment system screen.

2. When there are both 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, in the Media Screen, tap the **Browse** icon. Navigate to and select **Videos** option. Refer to the "[Browsing Through the Media Content](#)" section for the steps to display the Browse screen.

VIDEO PLAYBACK

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

You can reset/drag the progress bar to the start position to repeat a video.

- 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.

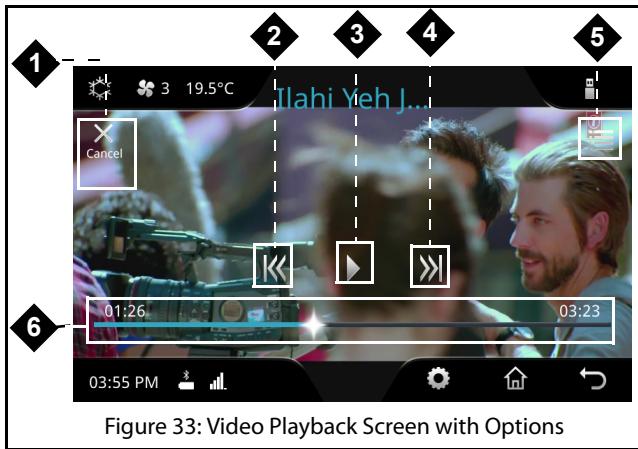


Table 6: Video Playback Screen Options

| | |
|----|---------------------|
| 1. | Close Icon |
| 2. | Previous Video Icon |
| 3. | Play/Pause Icon |
| 4. | Next Video Icon |

Table 6: Video Playback Screen Options

| | |
|----|--------------|
| 5. | Browse Icon |
| 6. | Progress Bar |

GOING TO THE HOME SCREEN

To open the Home Screen from within a video playback:

1. In the Video Playback screen, tap . The system continues the video in the background 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.

CLOSING A VIDEO

To stop and close a video:

1. Tap on the video. The system displays the  icon at the left corner of the screen.
2. Tap the icon to close the video. The system closes the video playback screen and displays the previously played media source screen.

SHIFTING TO MEDIA SCREEN

If the media source contains audio tracks also, you can play, browse and manage the tracks from the Media screen.

To shift to the Media screen from within the Video Playback feature:

1. Tap the **Browse** icon from within the Media screen. The system displays a media Browse screen.
2. In the Browse screen, select the required audio category. The system displays the category screen with the list of audio tracks 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 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.



NOTE:

The infotainment system by default will be able to recognize the Bluetooth enabled devices around it.

2. Enable the Bluetooth visibility of the infotainment system so that even other devices with Bluetooth capabilities can now search and view the infotainment system. To enable or disable the visibility of the system:



1. Tap . The system displays the Setup options.
2. Navigate to and select the **Phone Setup** option. The system displays the various options for managing the Bluetooth capabilities of the system.
3. In the Phone Setup options, navigate to and select **Bluetooth Visibility**. When set, the system will be visible to other devices when they initiate a Bluetooth devices search. If the visibility is not

PAIR DEVICES

enabled, the system will not be listed when other devices search for Bluetooth devices around them.



NOTE:

By default Bluetooth Visibility will be ON.



Figure 34: Phone Setup Screen

PAIR DEVICES

Connecting your phone with the infotainment system is called as pairing. The TATA 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 Phone Setup options, navigate to and select **Pair New Device** option. The system searches for Bluetooth enabled devices within its range.



Figure 35: Bluetooth Devices Search Message Popup

NOTE:

If you tap the  icon 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 pass key 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 call logs (phone numbers and other contact details) is also created in the system.

NOTE:

When the pairing of a phone is initiated, the currently connected device(s) must be temporarily disconnected. The system will prompt you with a confirmation message for disconnecting the connected paired devices.

**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 must 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 the 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 infotainment system connectivity.
- Ensure that your phone 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 you are unable to pair the devices even after following the troubleshooting steps, 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 applications 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 a 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

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

VIEWING 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.

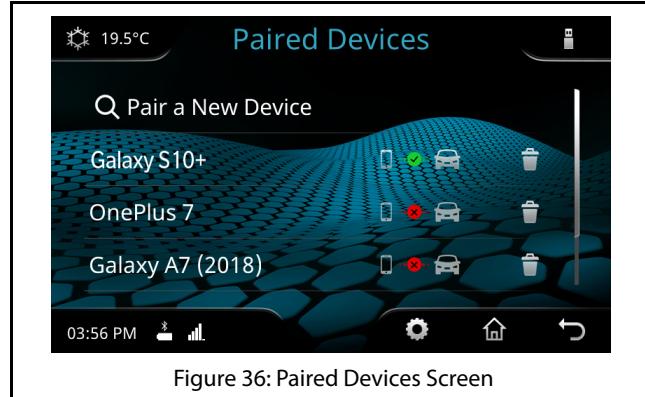


Figure 36: Paired Devices Screen

CONNECTING/DISCONNECTING 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. A device paired with the system is by default connected for both media and phone. However, at any given point of time you can use the device for only one function i.e either to access the media stored in the device or for phone related functions.

To connect or disconnect a paired device:

1. In the Paired Devices screen, select the required device. The system displays the connection/disconnection status for the device.

DELETING PAIRED DEVICES

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



Figure 37: Delete Paired Devices Screen

Deleting All Paired Devices

To delete all paired device:

1. In the Paired Devices screen, tap **Delete All Devices** option. The system prompts you to confirm the deletion of all paired devices.
2. Select **Yes**. The system deletes all devices paired with the infotainment system.

Deleting a Paired Device

To delete a paired device:

1. In the Paired Devices screen, the system displays the Paired Devices screen with the list of devices currently paired with the system.
2. Tap **Delete** icon beside device name. The system prompts you to confirm the deletion of the paired devices.
3. Select **Yes**. The system deletes the selected device that was paired with the infotainment system.

MANAGE PAIRED DEVICES

**NOTE:**

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

CHANGE PHONE SETTINGS

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

- Setting alert notifications for new SMS
- Configuring automatic SMS for rejected calls



Figure 38: Phone Setup Screen

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 popup.

To enable the SMS notification:



1. Tap . The system displays the Setup menu options.
2. Navigate to and select the **Phone Setup** option. The system lists various options to handle the phone related advance features of the infotainment system.
3. In the Phone Setup options, navigate to and select **SMS Alert Notification**. The system displays the various SMS Alert Notification options.
4. 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.

CHANGE PHONE SETTINGS

**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.

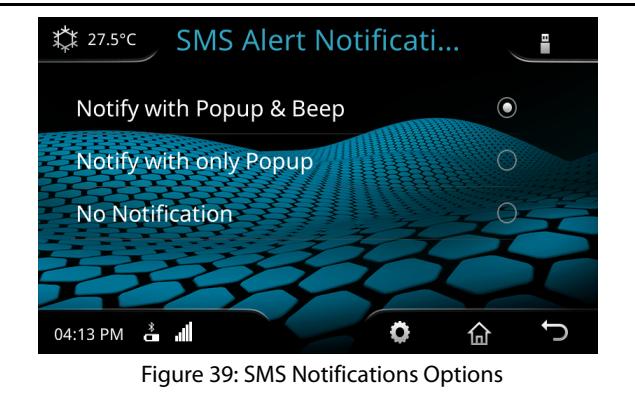


Figure 39: SMS Notifications Options

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 send an automatic SMS to the caller. You can also configure the text of the SMS, which will be sent.

To configure the automatic SMS text:

1. In the Phone Setup options, navigate to and select **Configure Auto SMS**. The system displays the Configure Auto SMS screen with various SMS text options.
2. Navigate to and select the required SMS text from the options. The system selects the options icon 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.



NOTE:

The SMS text message can be of maximum 120 characters i.e. 6 lines of message wherein one line of text accommodates 20 characters.



Figure 40: Configure 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 log and 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, network strength and so on.

VIEWING CALL LOGS

You can view all calls, received or dialed from the infotainment system or missed when connected to the system, in the call log. The system displays up to 20 missed calls, 20 dialed calls and 20 received calls.

To view the call log:

1. In the Phone Browse screen, tap **Call Logs**. The system displays the details of up to 60 past calls in the Call Log screen.



NOTE:

If no mobile phone is paired/connected to the system and the SWC phone button is pressed, a popup message indicating 'Phone is not connected' is displayed. You are prompted with the Phone Setup options screen to pair a new device.



NOTE:

The system may require some time to display the list of calls and will display a message while it retrieves the call logs.

VIEWING CONTACTS

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

To view the contacts:

1. In the Phone Browse screen, tap **Contacts**. The system displays the Contacts screen with the list of contacts stored in your phone book.

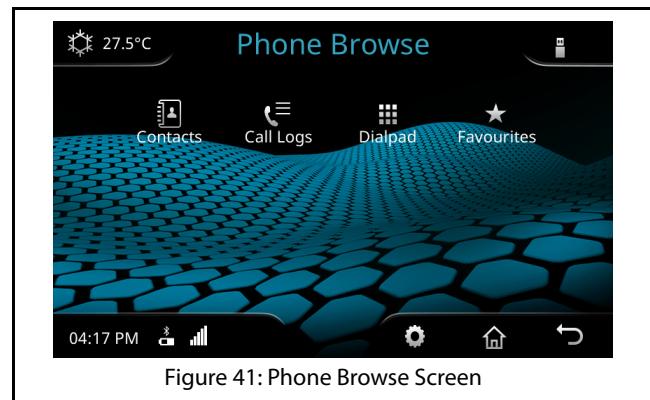


Figure 41: Phone Browse Screen

NOTE:

The system may require some time to display the list of 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 contacts from the system.

MAKING AN OUTGOING CALL

The infotainment system supports four different ways to make a phone call. They are:

- Dialing by selecting the phone number from the call log
- Dialing by selecting the phone number from the contacts
- Dialing the phone number manually using Dialpad
- Dialing by selecting the phone number from the Favorites

PHONE FUNCTIONS



Figure 42: Outgoing Call Screen

Manually Dialing a Phone Number

To make a call by manually dialing a phone number:

1. In the Phone Browse screen, select the **Dialpad**. The system displays the Keypad to enter the phone number.



NOTE:

Refer to the ["Viewing Call Logs"](#) section for information on displaying the Phone Browse screen options.

2. Enter the digits of the phone number in the dialpad.
3. After entering the phone number, tap **Call**. The system initiates the outgoing call.



NOTE:

To delete an incorrect entry, use the



beside the typed number to delete the entire number or digits in the number. On tapping the icon, 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 dialed in the dialpad. So, to redial the phone number, you can just open the dialpad and select the Call icon.



Figure 43: Dial Pad Screen

Dialing Using the Contact

To make a call by dialing a number from the contacts:

1. Open the Contacts screen. Refer to the "[Viewing Contacts](#)" section for the steps to open the Contacts screen.
2. Navigate through the contacts and select the required number. The system dials the selected number and initiates the outgoing call.



NOTE:

The contact numbers that do not have a name defined for them will be displayed first in the Contact list with an #.



NOTE:

The contacts are by default arranged in an alphabetical order. When you browse through the contact list the alphabet group to which a contact belongs to is displayed and highlighted in the screen.

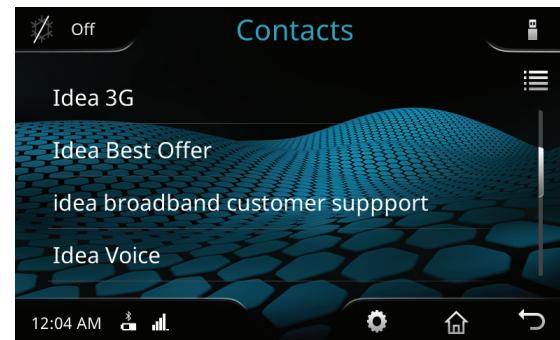


Figure 44: Contacts Screen

PHONE FUNCTIONS

Dialing Using the Call Log

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

1. Display the call log. Refer to the ["Viewing Call Logs"](#) section for information on displaying the call log.
2. Select the required number from the list. The system dials the selected number and initiates the outgoing call.

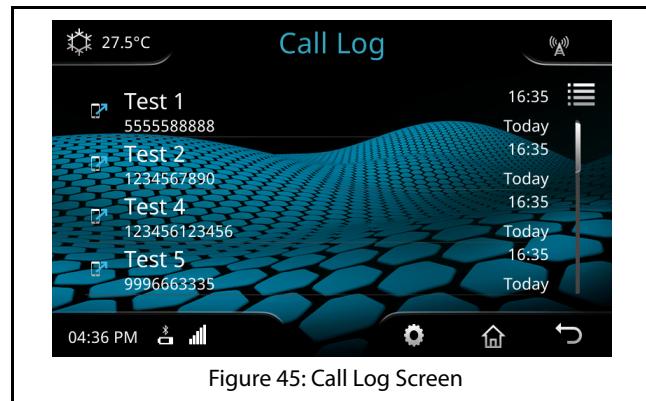


Figure 45: Call Log Screen

Dialing Using the Favorites

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, select the required contact and tap displayed beside the contact number. The system highlights the star icon and the contact is marked as favorite.



Figure 46: Favorites Screen

**NOTE:**

If a contact has more than one number, you can view all the numbers/details of the contact in the Internal Contact Details screen and then tap the star beside each number to add them to the favorites list or select the required number to dial.

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. In the Phone Browse screen, tap **Favorites**. The system displays the Favorites screen with the list of favorite contacts.

**NOTE:**

If you have configured Favorites as a short cut menu in the Home screen then you can just tap the shortcut menu to display and view the Favorites screen.

Dialing a Favorite Number

To dial a favorite contact:

2. Open the Favorites screen. The system lists all contacts marked as favorite.

PHONE FUNCTIONS

3. Navigate to the required favorite contact and tap Call.
The system dials the number of the selected favorite contact and initiates the outgoing call.

Dialing Using the Frequent List

The infotainment system supports having some contacts listed in frequent list, you can view and access these contacts from frequent call list.

**NOTE:**

Recent frequently used contacts will appear in Frequent list.

**NOTE:**

The contact dialed recently and more than 3 times will appear in the frequent call list automatically.



Figure 47: Frequent Screen

Viewing the Frequent List

In the Contact/Call Log screen, scroll through the menu screens by using the left or right arrows displayed on the screen to open Frequent List. The system displays the Frequent screen with the list of Frequent contacts.

Dialing a Frequent Number

To dial a Frequent contact:

Open the Frequent screen. The system lists all contacts that are used frequently.

Navigate to the required frequent contact and tap Call. The system dials the number of the selected frequent contact and initiates the outgoing call.

ACCEPTING/REJECTING AN INCOMING PHONE CALL

When you receive a phone call, you can either accept or reject it 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, 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 [" " section](#) for the steps to configure automatic SMS.

To accept the incoming call:

1. Select the **Accept** icon 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:

1. Select the **Reject** icon 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** icon in the popup message. The system rejects the call and sends an SMS to the caller.

PHONE FUNCTIONS

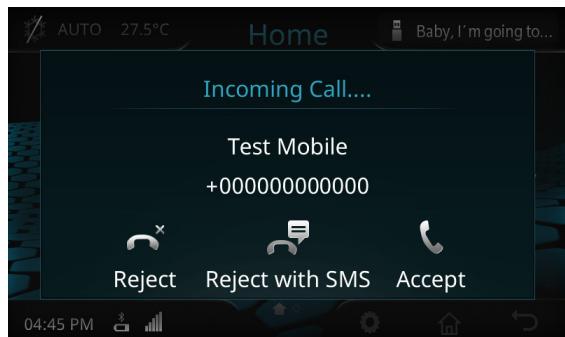


Figure 48: Incoming Call Screen

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

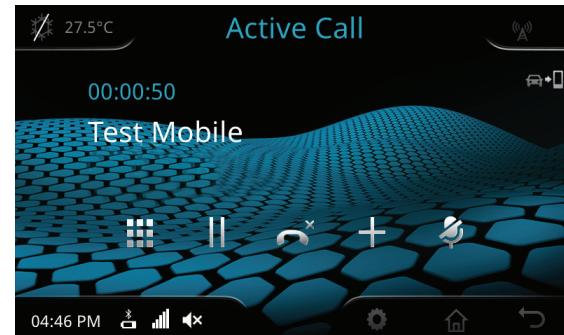


Figure 49: Active Call

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 dialpad in-call option to enter such details through the infotainment system.

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

1. In the active call screen, tap **Dialpad**  and enter the details as prompted by the IVR.



Figure 50: Active Call Keypad

Putting a Call on Hold

To put a call on hold:

1. In the active call screen, tap **Hold** . 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 vice versa.

To toggle between phone and system:

1. In the active call screen, tap **Handset**  icon to switch the call from system to phone or **Handsfree**  to switch from phone to system.

**NOTE:**

Depending on the icon displayed on the screen, you can identify in which mode you are. If in Handset mode, the Handsfree icon will be displayed and in Handsfree mode, the Handset icon.

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 icons, when you receive a new incoming call. Select **Accept** 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 simultaneously (one on hold and other active), the system allows you to switch between the calls without ending either of them.

To switch between calls:

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

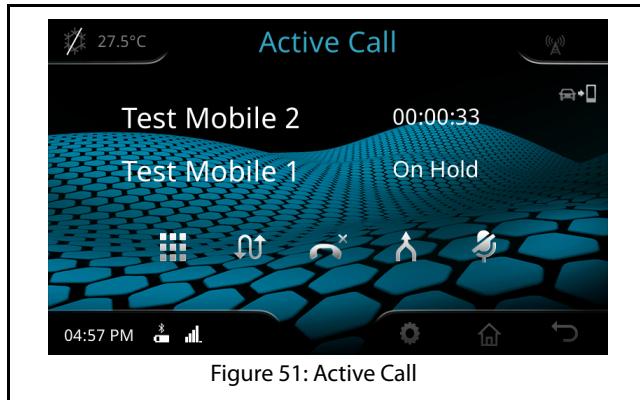


Figure 51: Active Call

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 dialing to an additional number or by accepting a new incoming call.

To create a conference call by dialing additional number:

1. In the active call screen, tap **Add Call** . 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 dialpad.
2. Follow the steps listed in the [**"Making an Outgoing Call"**](#) section for dialing a number using the various options. The system initiates an outgoing call for the selected number.
3. In the new call screen, tap **Merge** . The system merges the 2 calls (one on hold and the new call) to create a conference call. The first call is activated before merging.

PHONE FUNCTIONS

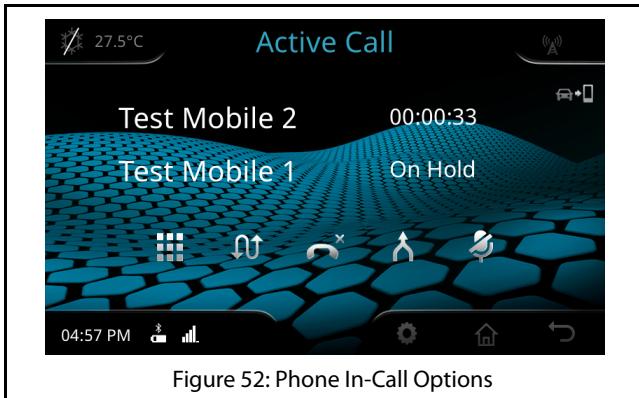


Figure 52: Phone In-Call Options

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

1. Accept a new incoming call as detailed in the ["Accepting/Rejecting an Incoming Phone Call"](#) section.
2. In the new call screen, tap **Merge** . The system merges the 2 calls (one on hold and the new call) to create a conference call. The first call is activated before merging.

**NOTE:**

You can view the list of participants in a conference call by tapping the

Participants .

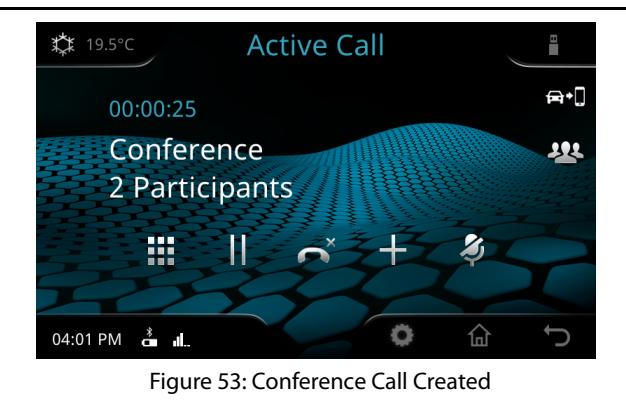


Figure 53: Conference Call Created

Muting the Microphone

When in a call (both individual and conference), 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, tap the mute microphone icon.



NOTE:

To unmute the microphone, repeat the above step again.

Ending a Call

To end an active call:

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



NOTE:

You can also end the active call using the



Steering Wheel control.

INFOTAINMENT SYSTEM APPS

GENERAL INFORMATION

CONNECTNEXT® App in the smartphone works as a prerequisite communication gateway between your vehicle infotainment system and mobile apps. All the compatible apps that work with the infotainment system are listed in the CONNECTNEXT® App (Tata Motor's other Mobile Apps).



NOTE:

The apps compatibility will depend on the vehicle variant.

CONNECTNEXT® APP KEY FEATURES

The key feature of the CONNECTNEXT® app is given below:

- CONNECTNEXT® App will display all compatible apps once mobile is connected with vehicle infotainment system.



NOTE:

CONNECTNEXT® App suit apps are compatible with smartphone based on Android and iOS operating system only.



NOTE:

Smartphone should 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/Apple app store on your android/iOS 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 app area.



Figure 54: CONNECTNEXT® Launch Screen

CONFIGURING CONNECTNEXT® APP

To configure the CONNECTNEXT® App:

1. Install latest CONNECTNEXT® App from Google Playstore or Apple App store.
2. Open the CONNECTNEXT® App in your smartphone.
3. If you are signing into the CONNECTNEXT® App for the first time, you might be prompted to enter your name.
4. The CONNECTNEXT® App Home screen will be displayed after successful sign in and configuration.
5. Connect smartphone with the vehicle infotainment system via Bluetooth or USB. The connection status symbol will turn as green  after successful connection.



NOTE:

During configuration of the CONNECTNEXT® App for the first time, internet connectivity must be available.



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 tapping on the app icons listed from compatible app section in CONNECTNEXT® App.

CONNECTNEXT® APP SUITE

There are multiple apps, which are part of the CONNECTNEXT® App Suite and can be used in this TATA vehicle. The list of supported apps will be displayed in the CONNECTNEXT® App Home screen. Depending on your requirement, you can install and use the required app.



NOTE:

Apps or phone projection features like Android Auto and CarPlay, which are independent of the CONNECTNEXT® App, will also work when you connect your smartphone to the infotainment system.

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consent of the user it shall not be shared with any third party unless required by law.

This application is developed for use in India only. All disputes shall be subject to Mumbai Jurisdiction.

ANDROID AUTO

**NOTE:**

Applicable only for Android Smartphones and if available in the vehicle feature list.

**NOTE:**

Android Auto Home screen image used in the user manual is for representation purpose only.

Android Auto is a projection technology app, which allows you to operate your Android smartphones from the vehicle infotainment system. You can use voice actions or the simple arrangement of Google Maps, Google Play Music and other important phone functions as cards to access the required functionalities, which minimize distraction while driving.

The Android Auto feature requires the installation of the **Android Auto** Mobile App, which can be downloaded from your smartphone Google Play Store.

**DEFINITION:**

Android Auto is an Android smartphone app. It is the smartphone functions projection application.

**NOTE:**

Android smartphones with android version 5.0 (Lollipop) or greater support the Android Auto app. For best performance, Google recommends Android version 6.0 (Marshmallow) or above. For more information, refer to <https://support.google.com/androidauto/answer/6348190?hl=en>

CONNECT ANDROID AUTO TO THE INFOTAINMENT SYSTEM

Before you connect the Android Auto app on your smartphone with the infotainment system, you need to perform the following ONE TIME configuration steps:

1. Ensure your vehicle is in the parked condition and the Park Brake is applied.

2. Install Android Auto App from Google Play Store on your Android based smartphone.

**NOTE:**

To install Android Auto refer to <https://support.google.com/androidauto/answer/6348029?hl=en>

3. Connect your smartphone to the infotainment system, using the USB cable.

**NOTE:**

Ensure you have enabled your Location in the Phone settings for using Android Auto Google Map navigation.

**NOTE:**

Android Auto settings can be accessed from your phone only. Refer to your phone for settings details.

**NOTE:**

For better usability of the Android Auto app, the Internet connectivity must be good.

To connect to the infotainment system and start the Android Auto:

1. Once the above listed Android Auto app configurations steps are completed, connect your smartphone to the infotainment system, through USB, using the original USB cable of your smartphone.
2. On the successful establishment of the connection, the infotainment system projects/displays the Android Auto screen.

**NOTE:**

By default, Android Auto is configured in the infotainment system. Thereby, when you connect your Android Auto enabled smartphone with the infotainment system you will be prompted to select whether you would like to continue the phone connection for Android Auto.

**NOTE:**

If the connection with the infotainment system is lost, the app is disconnected and infotainment system displays the Home screen.

**NOTE:**

Use the button from Phone widget tile of Widgets Home screen for connecting your smartphone again.

Using Android Auto, you can access the Google Maps, Google Play Music, communication functionalities (receives and make phone calls, receive and send messages and so on) of your smartphone through the infotainment system.

You can use **Google Assistant** (voice recognition) so that your voice actions are recognized. To activate, tap the **Mic** icon (highlighted in the below figure) on the Android Auto Home

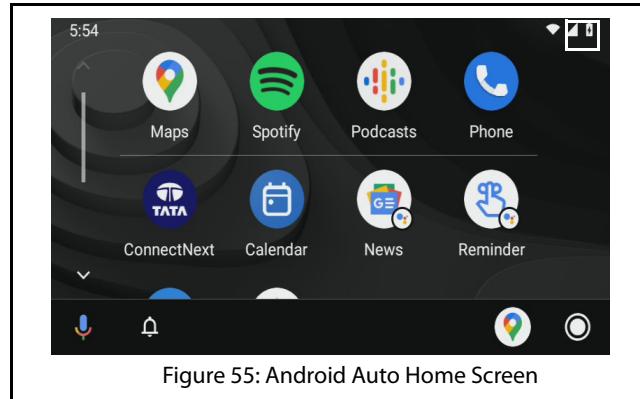


Figure 55: Android Auto Home Screen

**NOTE:**

Anytime during active Android auto session, you can also enable Google Assistant by doing a LP on the Steering Wheel control element.

CARPLAY



NOTE:

Applicable only for iPhones and only if available in the vehicle feature list.



NOTE:

CarPlay Home screen image used in the user manual is for representation purpose only. Actual image may subject to change as per latest Apple iOS version

CarPlay can be used to operate your iPhones directly from your vehicle infotainment system. You can use simple voice actions/commands to access and use Music, Messages and other important phone functions available in your iPhone, which helps in minimizing distraction while driving.



NOTE:

For more information on the apps supported visit: <http://www.apple.com/ios/carplay>.

The CarPlay is an iOS feature, which is compatible with iPhone 5 and above versions. It is incompatible with earlier versions of iPhones.

General guidelines for seamless usage:

- Ensure that the latest iOS is installed on your iPhone.
- Use only original Apple or Apple certified Lightning connectors/cables to connect your iPhone to the USB port of the infotainment system. for more information refer to <https://support.apple.com/en-in/HT204566>.
- Check whether the firmware of the vehicle infotainment system is up-to date.



DEFINITION:

CarPlay is an Apple's projection technology, which works with iPhones and car infotainment systems.

CONNECT CARPLAY TO THE INFOTAINMENT SYSTEM

To enable CarPlay in your iPhone, perform the following steps:

1. Refer the Apple iPhone user manual to Enable/ Disable CarPlay settings in the iPhone.
2. Connect your iPhone to the infotainment system, using the original Apple or Apple certified Lightning USB cable. On successful establishment of the connection, the infotainment system displays a popup or highlights the Apple CarPlay menu, if in focus in the Home screen.
3. Tap on the popup/menu to launch the Apple CarPlay Home screen.
4. Also you can navigate to Apple CarPlay available on App tile of Widgets Home screen to launch Apple CarPlay Home screen.

 **NOTE:**

If the connection with the infotainment system is lost, the app is disconnected and the infotainment system Widgets Home screen is displayed.

 **NOTE:**

The settings of Apple CarPlay can be accessed from your iPhone only. Refer to your phone for settings details.

Using Apple CarPlay, you can access the Music, Message, communication functionalities (receives and make phone calls and so on) of your iPhone through the infotainment system. In the infotainment system, in addition to using the touch screen, control elements and SWC controls, you can just provide voice actions to control these functionalities, without removing your hand from the steering wheel.



Figure 56: Apple CarPlay Home Screen

To activate **Siri** (voice recognition) so that your voice actions are recognized, tap and hold the **Home** icon (highlighted in

the above figure) on the CarPlay Home screen. Once you are displayed with the waves, you can speak your voice action.

**NOTE:**

You can also enable Siri by doing a SP/LP on the  Steering Wheel control element.

DISPLAY VEHICLE SETUP SCREEN

VEHICLE

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

- Manage the Park Assist system settings, if available
- Handle exterior approach lamps



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. Tap . The system displays the Setup menu options.
2. Navigate to and select the **Vehicle Setup** option. The system displays the Vehicle Setup screen with various options for handling park assist, approach lamps and so on.



Figure 57: Setup Screen

MANAGE PARK ASSIST (IF APPLICABLE)

The Park Assist feature is vehicle dependent. 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:

- 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.

- Set park assist tone



NOTE:

The Park Assist system of your car will be activated when you engage/disengage the Reverse gear.



NOTE:

The Park Assist screen is also displayed



when you tap  in the vehicle button panel.

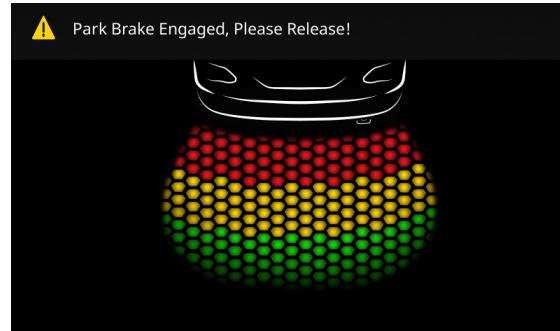


Figure 58: Park Assist Screen

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.

MANAGE PARK ASSIST (IF APPLICABLE)

The Park Assist display screen has the following information:

Table 7: Park Assist Screen

| | |
|----|--|
| 1. | Information Header |
| | <p>Contains the any one of the following details:</p> <ul style="list-style-type: none">• Park Assist component related warning, for example, can contain a message to indicate that the Park brake is engaged• Active phone call related information <p>NOTE:</p> <p>The Phone call 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 sensors field of view |

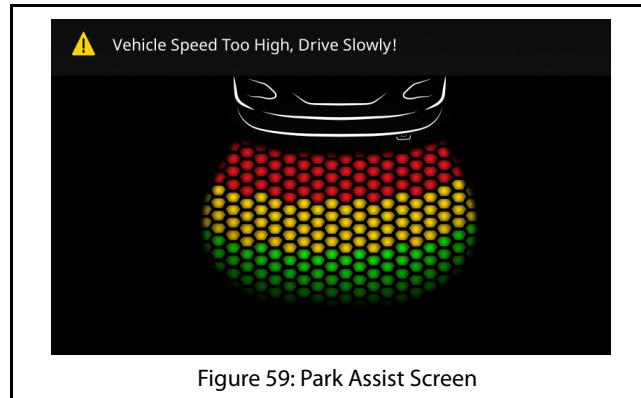


Figure 59: Park Assist Screen

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. Dust particles, water or other object is obstructing the sensors surface on bumper.

**NOTE:**

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

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 Setup screen.
2. In the Park Assist Setup 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.

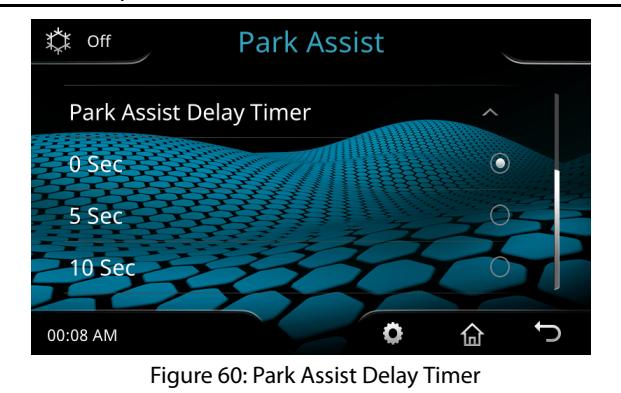


Figure 60: Park Assist Delay Timer

MANAGE PARK ASSIST (IF APPLICABLE)

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 Setup screen.
2. In the Park Assist Setup screen, highlight **Park Assist Volume** field and modify the value of the field, by setting it to a new value within the defined range.

Setting Park Assist Tone

This option sets the tone of the vehicle Park Assist component.

To set the tone for park assist:

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

2. In the Park Assist Setup screen, highlight **Park Assist Tone** field and select the required tone from the list provided.

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 Setup screen.
2. In the Park Assist Setup screen, navigate to and select the **Mix With Audio** option. The check box beside the option is selected and the system enables audio with park assist.

REAR VIEW CAMERA (IF AVAILABLE)

The Rear View Camera (RVC) feature is vehicle dependent. 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 and Yellow color zones and Yellow colored line. These lines indicate the following:

- Yellow lines are reference lines.
- Red, Green and Yellow colored zones are to identify the degree of closeness to the obstacle from your vehicle bumper i.e.
 - Red- Very close
 - Yellow - Close

- Green - Within safe distance



Figure 61: RVC Feature Display



NOTE:

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

MANAGE APPROACH LAMPS

The Approach Lamps feature is vehicle dependent. The infotainment system provides you the flexibility of handling the approach lamps of your vehicle:

MANAGING APPROACH LAMPS



DEFINITION:

When you approach your car in the dark, you can switch on the Approach Lamps (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 Lamps.

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

To set the Approach lamps illumination time period:

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

OVERVIEW OF CLIMATE CONTROL

The Climate Control feature is vehicle dependent. The infotainment system displays the climate control related information in its HVAC drawer, which is displayed at the left top corner of the infotainment system screen. Refer to the [HVAC Drawer](#) section for more information on the HVAC drawer and the list of details it displays.

MANAGING CLIMATE CONTROL. The Climate Control feature can be managed using the following option:

- HVAC Drawer

Using the HVAC Drawer Options

The location of and steps to expand/collapse the HVAC drawer and the information it contains are listed in section [HVAC Drawer](#). You can navigate to and tap the required setting option to set it, enable it or disable it. Climate Settings Change Messages

The system displays change messages in the HVAC Drawer (partially expanded or collapsed mode) when you change any of the climate settings like temperature/blower using the

HVAC control elements. The system displays message when you:

- Switch ON/OFF Climate Control
- Switch ON/OFF the AC
- Increase/decrease the blower speed
- Increase/decrease the temperature
- Shift between air re-circulation options
- Change the air distribution (vent) mode
- Set Rear Defog ON/OFF
- Set Maximum Frost Defrost
- Check status of Automatic mode



VOICE ALERTS

The CONNECTNEXT® infotainment system is equipped with a Voice Alert system, which alerts or informs the condition or status of some critical components or actions performed in your vehicle.

The infotainment system plays all the alerts and you can also view them in the Notification Bar.

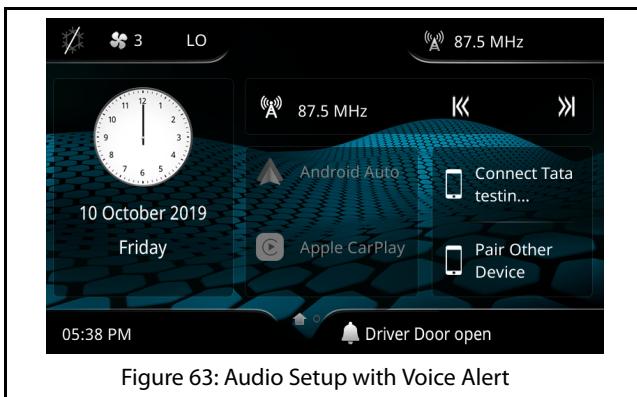
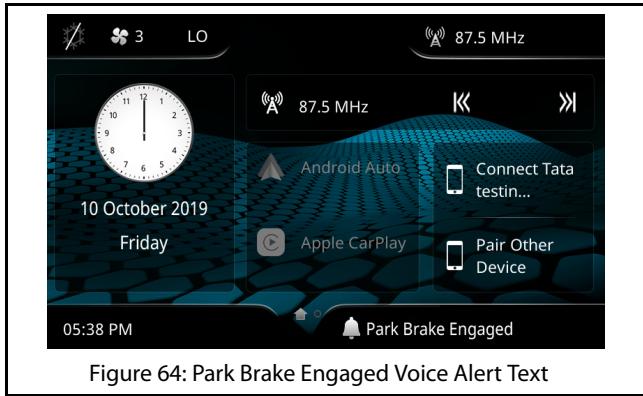


Figure 63: Audio Setup with Voice Alert

Some of the voice alerts provided by the vehicle are listed below:

Table 8: Voice Alert Situations

| | |
|----|---------------------------|
| 1. | Driver Door Open |
| 2. | Co-Driver Door Open |
| 3. | Rear Right Door Open |
| 4. | Rear Left Door Open |
| 5. | Driver Seat Belt Reminder |
| 6. | Max Cool |
| 7. | Park Brake On |
| 8. | Low Fuel warning |
| 9. | Service Reminder |
| 10 | EXPRESS COOLING ON |



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 am playing the audio files in my Phone, which is connected through Bluetooth. However, I am unable to repeat tracks and play tracks in random. The Bluetooth connection is fine and all other media functionalities are working. Why am I facing this issue:

Some of the Media functionalities are phone dependent and are supported only in phones with AVRCP version 1.3 and above. Please check the AVRCP version of your phone.

2. Why am I unable to fast forward or fast rewind music tracks when I play them from my phone?

Please check if you are connected your Phone to the infotainment system through Bluetooth connection. If yes, check the AVRCP version of your Phone. As, some of the Media functionalities are phone dependent and are supported only in phones with AVRCP version 1.3 and above.

3. 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 (USB).

4. What all the video formats does it support?

.avi and mp4 as container formats will be supported. H.264 (BP, MP and HP up to AVC Level 3.2), MPEG4 (SP, ASP) up to D1 Resolution (specifically 720 x 480 resolution only) (std NTSC/PAL) will be supported.

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

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

6. 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 noted that this behavior might vary from phone to phone based your phone specific implementation.

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

You can play video only from USB.

8. Can I See / Play audio / Video 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.

9. What are the supported video and audio codecs?

The supported video and audio codecs are as follows:

- **Video Codecs:** H.264 (BP, MP and HP up to AVC Level 3.2), 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

10. I am unable to connect my Phone to the infotainment system using a USB cable however, I am able to connect through Bluetooth. Can you please help me with a solution?

The USB cable that you are using to connect the Phone with the infotainment system might not be

compatible with your Phone. Please use only the USB cable provided by the Phone Manufacturer.

11. I am unable to connect to Android Auto. I have followed all steps specified. What could be the cause of the problem?

If the connection between the Android Auto application and the infotainment system fails, this problem could arise. The connection will fail due to one of the following reasons:

- Bluetooth connection was unsuccessful or connection was lost
- If the infotainment system date and time does not match with the Phone data and time settings.

12. How do I initiate/ start Android Auto/CarPlay in the infotainment system?

Please refer to "[The Navigate via SMS feature is unavailable in projection mode \(Android Auto/Apple CarPlay\)](#)." and "["CarPlay"](#)" sections for details.

13. To use Android Auto/CarPlay, do we have any specific Smartphone/iPhone version requirements?

For Android Auto the required specification is, Android smartphones with android version 5.0 or

greater. For CarPlay the requirement is, iPhone 5 and above versions.

14. Can I use my phone while I have connected to the infotainment system for Android Auto and I am currently using its functionalities?

Yes, you can use your phone, while connected to the infotainment system for Android Auto and the application is currently in use.

15. Where can I get the list of apps that are compatible with Android Auto/Car Play?

Apps compatible with Android Auto: From Android Auto **Browse menu-> More Apps** option.

Apps compatible with CarPlay: Listed on the CarPlay app Home screen.

16. How do I use Google Voice Recognition while Android Auto is connected and running on the infotainment system?

You can enable Google Assistant using any one of the following ways:

- To activate **Google Assistant** (voice recognition) so that your voice actions are recognized, tap the **mic** icon.

- You can also enable Google Assistant by doing a LP on the  Steering Wheel control element.

17. Can Android Auto and CarPlay be used simultaneously?

No, Android Auto and CarPlay cannot be used simultaneously from the infotainment system. You need to disconnect one app before connecting and using the other.

18. Can I use other functionalities of the infotainment system while connected for Android Auto/CarPlay?

Yes, you can use other functionalities of the infotainment system when connected for Android/ Auto/Car Play. However, some of the functionalities like Bluetooth setup will not be available.

19. I want to change the music player of the Android Auto app. How can I do it?

The list of supported music players will be listed, when you select the Arrow icon displayed to the right of the Media icon, in the Android Auto screen. Select the required music player.

20. How do I connect to CONNECTNEXT® infotainment system for the first time or after updating the software?

When the vehicle ignition is switched ON , switch the Bluetooth connection of the smartphone ON/OFF.

After Bluetooth ON/OFF, connect the CONNECTNEXT® App. You can confirm the connection status via symbol on App Home screen, which will turn as green

.......... after successful connection.

21. Can mobile device behaviors and App versions impact CarPlay, Android Auto and Bluetooth?

Yes, CarPlay, Android Auto and Bluetooth functionalities are mobile device dependent, so there may be impact on infotainment system due to device specific behaviors and App versions being used in the mobile devices.

ABBREVIATIONS

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

Table 9: Abbreviations

| | |
|-------|------------------------------------|
| ABS | Anti-lock Braking System |
| APPS | Applications |
| AVRCP | Audio/Video Remote Control Profile |
| BMP | Bitmap Image File |
| BTSA | Bluetooth Streaming Audio |
| FM | Frequency Modulation |
| JPEG | Joint Photographic Experts Group |
| LP | Long Press |
| PBAP | Phone Book Access Profile |
| PDC | Park Distance Control |
| PNG | Portable Network Graphics |

Table 9: Abbreviations

| | |
|-----|----------------------|
| RDS | Radio Data System |
| RVC | Rear View Camera |
| SP | Short Press |
| USB | Universal Serial Bus |

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