

INFOTAINMENT USER'S MANUAL

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CONNEXTNEXT 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!

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 exploration of required topics.

CONVENTIONS

ADANGER:

Text that indicates to actions that might cause harm to a person.

A SECURITY ALERT:

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

<u> WARNING:</u>

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



Text that call for attention.



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

ADANGER:

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.

ABOUT THIS MANUAL

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

GENERAL SAFETY GUIDELINES



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

ADANGER:

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.

ADANGER:

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

SAFETY GUIDELINES WHILE DRIVING



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.

ADANGER:

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:

<u> WARNING:</u>

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.

<u> WARNING:</u>

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

<u> WARNING:</u>

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

MARNING:

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.

<u> WARNING:</u>

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

<u> WARNING:</u>

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 the changes to the vehicle or system.

<u> A WARNING:</u>

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.

<u> WARNING:</u>

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



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.

<u> WARNING:</u>

Use a soft, clean and dry cleaning cloth to clean the touch screen surface. If required, use a lintfree 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.

<u> WARNING:</u>

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

WARRANTY CLAUSES

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

1. Warranty is applicable only in India.

- 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:
 - a. Where the product has been dismantled, repaired, altered, modified or damaged due to user negligence and misuse
 - b. The serial number of the product been removed, defaced or altered.
 - c. Warranty void sticker is removed or tampered
 - d. Improper usage such as wrong electrical supply / voltage setting causing damage to the equipment
 - e. Tampered, serviced or repaired by any agency not authorized by Tata Motors Limited

INTRODUCING CONNECTNEXT INFOTAIN-MENT SYSTEM

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 display 800 X 480 resolution touch screen.
- 4 channel audio output
- AM and FM Tuner bands with 20 memories each
- USB, iPod, AUX and Bluetooth[®] Audio multimedia support (if available)
- Video Playback and Image viewing support from USB sources (if available)
- Bluetooth[®] connectivity for simultaneous pairing with up to 10 devices, hands free calling, phonebook access and set favourite contacts capability.
- Bluetooth[®] remote control support with Tata Smart Remote App

- Vehicle Controls, like Park Assist System, DRL, Approach Light and Illumination Controls
- Climate Control from infotainment system
- Voice Assistance to operate your infotainment system functionality using voice commands
- Android Auto[™] and Apple CarPlay[™] compatibility for smartphone control using infotainment system (if available)
- DriveNext for real-time driving behavior analysis
- Display OFF feature for distraction free night drive
- Speed Dependent Volume Control
- Infotainment controls from steering Wheel and island mounted button panel

WNOTE:

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

CONTROL ELEMENTS OVERVIEW

You can control and access the ConnectNext Infotainment System using Touch Screen, Button Panel, Steering Wheel Controls or Voice Command.

BUTTON PANEL



Figure 1: ConnectNext Infotainment System

#		Description
1	Volume / ON/OFF Knob	Rotate: • To adjust the volume. Short Press: • In Switch OFF Mode: Turns the System On • In Media OFF mode: Turns Media ON • In Media ON mode: Toggles between Mute/Unmute Long Press: • In Switch OFF Mode: Turns the System On • In Switch OFF Mode: Turns the System On • In One Hour Mode: Turns the System Off • In Media ON mode: Toggles between Media ON/Media Off modes
2	企 Home button	 Short Press & Long Press: Switch to the Home screen.

#		Description
3	ে Favourite button	 Short Press: Performs action as per the preferred configuration of user. Long Press: Displays and allow to set the list of configurable functionalities as a shortcut
4	I Seek Down button	 Short Press: USB, iPod, Video Playback & Bluetooth Audio: If track played duration is less than 3 secs: Plays the previous track. If track played duration is more than 3 secs: Replays the current track. Radio: Starts Auto Seek down. Long Press: USB, iPod, Video Playback & Bluetooth Audio: Fast rewinds the current track. Radio: Starts Auto Seek down.
5	\gg I	 Short Press: USB, iPod, Video Playback & Bluetooth Audio: Plays the next track.

#		Description
	Seek Up button	Radio: Starts Auto Seek up.
		Long Press:
		 USB, iPod, Video Playback & Bluetooth Audio: Fast forwards the current track. Radio: Starts Auto Seek up.
		Short Press & Long Press:
		If Phone is connected via Bluetooth: Displays the Phone menu.
6	П	If there is an Incoming Phone Call: Accepts the call. SMS Readout Papure: Activates SMS Readout
0	63	 If Android Auto/Apple CarPlay session is active: Displays the Android Auto/Apple CarPlay
	Phone button	Phone menu.
		If none of the above: Opens Bluetooth Setup menu
		Short Press & Long Press:
\bigcirc	ภ	Back to the previous menu or screen, if applicable.
	Back button	VINOTE:

#		Description
		During high priority activities like Park Assist and Active Phone Call, if the Back button is pressed, no action will be performed.
8	Rotary Knob	 Clock Wise: USB, iPod and Bluetooth Audio: Previews next track. On knob press, plays the track. Radio: Performs Manual tune up of FM/AM stations. Setup, Home Screen, Incoming and Active Phone Calls: Scrolls down or right through a menu/list like call logs, contacts, setup options, media list, home screen tiles or radio presets. Android Auto/Apple CarPlay: Next Menu. Anti-Clock Wise: USB, iPod and Bluetooth Audio: Previews previous track. On knob press, plays the track. Setup, Home screen, Incoming and Active Phone Calls: Scrolls up or left through a menu/list like call logs, contacts, setup options, media list, home screen tiles or radio presets. USB, iPod and Bluetooth Audio: Previews previous track. On knob press, plays the track. Setup, Home screen, Incoming and Active Phone Calls: Scrolls up or left through a menu/list like call logs, contacts, setup options, media list, home screen tiles or radio presets. Android Auto/Apple CarPlay: Previous Menu.

#	Description
	 Selects the selection i.e. a track, a menu, an option, or a FM/AM browse option. Incoming Phone Calls: Allows to receive/end the incoming phone call, after selecting the required option. Outgoing Phone Call: Ends the outgoing phone call. iPod, USB and Bluetooth Audio playback screen: Displays the Browse screen Radio: Displays the Presets screen, wherein you can browse the presets

Table 1: Button Panel Controller

STEERING WHEEL CONTROLS

In addition to the Button Panel Controls, the system can also be operated from the Steering Wheel Controls (SWC). Steering Wheel Controls provide you the flexibility of controlling the infotainment system while driving, without any distraction.



Figure 2: Steering Wheel Controller

#	Control Elements	Description
1	4+ Volume Up	Short Press: • To increases the volume by 1 unit. Long Press: • To increase the volume rapidly
2	Volume Down	Short Press: • To decrease the volume by 1 unit. Long Press: • To decrease volume rapidly
3	Scroll Up	 Short Press: USB, iPod, Video Playback & Bluetooth Audio: Plays the next track. Radio: Plays next preset radio station. Long Press: USB:

#	Control Elements	Description
		 In Folder Mode: Plays track from next folder. If Non-folder Mode: Fast Forwards the current track. iPod, Video Playback & Bluetooth Audio: Fast forwards the current track Radio: Starts Auto Seek up.
4	Scroll Down	 Short Press: USB, iPod, Video Playback & Bluetooth Audio If track played duration is less than 3 secs: Plays the previous track. If track played duration is more than 3 secs: Replays the current track. Radio: Plays previous preset radio station. Long Press: USB: In Folder Mode: Plays track from previous folder. If Non-folder Mode: Fast rewind the current track. iPod, Video Playback & Bluetooth Audio: Fast rewinds the current track Radio: Starts Auto Seek down.

#	Control Elements	Description
5	Audio Source Change	 Short Press / Long Press: Toggles between available media sources in below sequence: If Android Auto/Apple CarPlay device is not connected: Radio (last band FM / AM)> USB/iPod -> BT streaming> AUX in If Android Auto/Apple CarPlay device is connected: Radio (last band FM / AM)> AA/CPY>AUX in
6	Mute / Reject Phone Call	 Short Press & Long Press: If Incoming Phone Call: Reject call. If Outgoing Phone Call: Cancel call. If Active Phone Call: End call. If Media if Playing: Mutes/Unmutes the track.
Ø	Accept Phone Call / Press To Talk (if available)	 Short Press: Activates Native Voice Assistance. In Android Auto/Apple CarPlay: Activates Google Assistance / Siri (whichever is applicable). Incoming Phone Call: Accept call. Display OFF Mode: Turns on the display and executes selected option. SMS Readout Popup: Starts reading the SMS.

#	Control Elements	Description
		 Voice Alert: Cancels Voice Alert and activates native Voice Assistance.
		Outgoing Call, Active Call, Voice Assistance active and SMS Reading: No Action
		Long Press:
		 Android Auto/ Apple CarPlay: Activates Google Assistance / Siri (whichever is applicable). Others: Same as short press.

Table 2: Steering Wheel Controller

SYSTEM OVERVIEW

SYSTEM ON/OFF

To switch the infotainment system ON/OFF, press the 🙆 knob. When the vehicle ignition is turned ON, the system will be automatically switched ON and last active audio source playback will start.

MEDIA OFF MODE

For distraction free and quiet Driving, system offers a Media OFF mode. When the infotainment system is ON and you long press the knob, the active audio source will be stopped and the system will enter into Media OFF state, where it will display the clock. Performing any media related activity will take system out of media off mode and the last active source playback will start.



Figure 3: Media OFF Mode

SYSTEM LAYOUT

The Home page has space allotted for specific information.



Figure 4: System Layout

1	Status Bar
2	Home Page(es) / Active Screens
3	Quick Access Drawer (QAD)



Table 3: System Layout

WNOTE:

Climate Control and Park Assist will NOT be available when the vehicle is in Ignition OFF mode and if the vehicle is not equipped with the feature.

STATUS BAR



Climate information

Table 4: Status Bar

HOME PAGE

3



Figure 6: Home Screen with Shortcut icons and Widget Drawers

The Home screen pages contain shortcut icons for various features. You can swipe left or right to see shortcut icons on other pages and tap on any icon to open the feature.

You can also configure the shortcuts by long press on any shortcut icon or by tapping the Add (•) key.

QUICK ACCESS DRAWER (QAD)

For a quick and easy access of the system, you can open the Quick Access Drawer and control the system.

Quick Access Drawer gives you an easy way to access handy features like Brightness control, Media controls, Display Off, Device information and many more.



Figure 7: Quick Access Drawer

1	Tap to Mute / Unmute the system
2	Tap to open the Settings screen
3	Tap to turn the Display OFF
4	Slide to increase / decrease the screen brightness
(5)	Indicates if Park Lamp is ON/OFF
6	Displays the now playing media information
$\overline{\mathcal{O}}$	You can control the Now playing media from here
8	Tap to turn ON/OFF casting of Infotainment infor- mation like media and navigation to Instrument Cluster
9	Displays currently connected device information. Android Auto Launcher Apple CarPlay Launcher
10	Displays missed call notifications of connected de- vice

Table 5: Quick Access Drawer

SOURCE SELECTION DRAWER

You can open the Source Drawer to select any Audio Source directly.



Figure 8: Source Selection Drawer

1	Tap to switch to AM radio source.
2	Tap to switch to FM radio source.
3	Tap to switch to USB source.

4	Tap to switch to BT audio source.
5	Tap to switch to AUX audio source.
6	Tap to switch to iPod audio source.
7	Tap to close the source selection drawer.

Table 6: Source Selection Drawer



The Sources will be active depending on the Device connectivity status

CLIMATE CONTROL DRAWER

You can open the Climate Drawer to control HVAC system of the vehicle.



Figure 9: Climate Control Drawer

1	Tap to change the Air Distribution Mode.
2	Tap to Turn AC ON/OFF.
3	Tap to decrease the temperature
4	Tap to increase the temperature
5	Tap to decrease the Fan speed.
6	Tap to increase the Fan speed.

	Indicates the Auto Mode ON/OFF status.
$\overline{\mathcal{O}}$	VINOTE:
	Auto mode can be changed from the CCM unit only.
8	Tap to toggle between Fresh Air Mode and Air Recir- culation Mode.
9	Tap to toggle between Max Defrost ON/OFF
	Tap to close the Climate Drawer Manually
10	VINOTE:
	No activity on Climate Drawer or CCM unit for a certain time will close the cli- mate drawer.

Table 7: Climate Control Drawer

PARK ASSIST SHORTCUT

You can open the Parking Assist system which help you to

park your vehicle safely.



Please refer: Park Assist section for more details.

HOME SHORTCUT

You can jump directly to Home Screen from anywhere in the

system on tapping Home icon from this drawer.



Home shortcut will not be active during critical functions like Park Assist etc.

RADIO

The ConnectNext infotainment system supports both AM and FM bands.

To access Radio:

- Scroll and select, or Tap on Radio shortcut from Home Screen
- Open Source Selection Drawer and tap on AM or FM



- Press Toggle **Source** switch **I** from steering wheel.
- Press Favourite Key from Button Panel (if configured)

OVERVIEW



Figure 10: Radio Home Screen

1	Currently selected Radio Source (AM/FM)
2	Active radio station name (if available)
3	Current frequency
4	Tap to perform auto seek down.
5	Tap to perform auto seek up.

6	Slide to perform manual tuning
7	Displays the list of configured stations. Tap on '+' to store currently playing radio channel to the list
8	Tap to open Radio borwse screen
9	Tap to go to Home screen

Table 8: Radio Home Screen

RADIO OPERATIONS

The system allows you to perform the following radio operations:

- Tuning Radio stations
- Auto Store
- Scan

TUNING RADIO STATIONS

The infotainment system supports Manual as well as Auto tuning.

MANUAL TUNING

To perform Manual Tuning:

- Slide left/right your finger on Radio screen rotary element and tune the frequency as per your need, or
- Rotate the **Menu Rotary Knob** from Button Panel to tune to the next valid Radio station by increasing (clockwise rotation) or decreasing (anti-clock wise rotation) the frequency.

AUTO TUNING

To perform Auto tuning:

- Tap on-screen the Seek Down K or Seek Up
- Press Seek Down or Seek Up button from Button Panel, or
- Long Press Up or Down switches from Steering Wheel Controls

STOP AUTO TUNING

Press any button from Button Panel or Steering Wheel Switches to stop Auto tuning. The system automatically stops the Auto Tuning action, when it reaches the next/previous receivable frequency or when search is unsuccessful.

AUTO STORE

The infotainment system provides the option of automatically searching and storing 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 bar.

To perform Auto store

- Tap on **Browse** or press **Menu Rotary Knob** on Radio Screen, the system will display various options.
- Navigate to Autostore and touch on screen or press Menu Rotary Knob to start Auto Store.

The system will search for the available radio stations and when found, stores the stations as the presets for the current radio band (AM/FM). When radio stations have been stored

in all presets or if there are no more available stations, the system stops the automatic storing of presets action.



Figure 11: Radio Browse Screen

1	Tap to initiate Autostore operation.
2	Tap to initiate Scan operation.
3	Tap to go back to radio home screen

Table 9: Radio Operation

W<u>NOTE:</u>

FM band is the Default Audio Source. It's recommended to perform an Auto Store Operation to let the system find the available radio stations in your city.

SCAN

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 can stop the scanning to continue listening to a station you want.

To perform Scanning

- Tap on **Browse** icon **i** or press **Menu Rotary Knob** on Radio Screen, the system will display various options.
- Navigate to **Scanning** and touch on screen or press Menu Rotary Knob to start Auto Store.

The system tunes to the next receivable station and plays it for 10 seconds. The scanning will be continued until

stopped/canceled or till it reaches back the initial frequency from where the scan was initiated.



You can store the currently played station in any preset (1 to 20) by long pressing the required preset number from the list of preset displayed on the screen.

MEDIA

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

- USB
- Bluetooth Audio
- iPod (if available)
- Audio AUX-In



The system supports .mp3, .aac, audio format.

OVERVIEW







Video playback and viewing of pictures are supported from USB source only.

1	Current media source (USB, iPod or BT audio)
2	Current track name

3	Current album name
4	Artist name
5	Album art of the current track
6	Current track position (progress)
\bigcirc	Tap to Play/Pause the current track
8	Tap to toggle Shuffle On/Off
9	Short press to move to previous track Long press to fast rewind the current track
10	Short press to move to next track Long press to fast forward the current track
(1)	Tap to toggle repeat modes: Repeat Once, Repeat All, Repeat Off
(12)	Tap to move to next folder
	WNOTE:
	This option will be available in USB Au- dio - Folder mode only.

(13)	Tap to move to previous folder
	WNOTE:
	This option will be available in USB Au- dio - Folder mode only.
14)	Tap to open Browse Menu
(15)	Tap to go back

Table 10: USB Audio, iPod Audio, BT Audio Screen Overview

MEDIA OPERATIONS

The system allows you to perform the following Media operations:

- Play/pause music
- Repeat music track
- Shuffle 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
- Browse through the music content
- View Pictures (if available)

• Watch Video (if available)



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

W<u>NOTE:</u>

For iPod and AUX sources, Repeat and Shuffle functions can be controlled by device only.

PLAY/PAUSE

To Play/Pause music or video:

• In the Media screen, tap on the **Play** or **Pause** or **Pause** on the screen.



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.

REPEAT

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

To repeat a track or tracks in a folder:

- In the Media screen, press the Repeat icon switch On/Off repeat functionality.
- Repeat Once: The system repeats the current track and

displays a '1' above the Repeat icon to indicate the repeat once action.

 Repeat All: When you press the Repeat icon again, the system repeats all the songs. In case of USB, by default the system repeats all the songs. In case of iPod, you can switch On/Off repeat.
SHUFFLE

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

To Shuffle music tracks in a folder/media source:

In the Media screen, press the Shuffle Icon • On/Off the shuffle. The system randomly plays all tracks in the current folder or all music tracks in the current media source.

VIEW NEXT/PREVIOUS MUSIC TRACK NAMES

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

To view the next/previous music track names:

In the Media screen, rotate the Menu Rotary Knob ٠ clock-wise or anti-clock-wise to view the next/previous music track.

- The system displays the next/previous music track • name in the Next Song Preview area.
- Press the Menu Rotary Knob to select and play the required music track.

PLAY NEXT/PREVIOUS MUSIC TRACKS AND VIDEOS

While playing a music track, the system allows you to play the next/previous music tracks.

To play the next/previous music tracks:

In the Media screen, tap on the Next Track icon 💹 or





the **Previous Track** icon to play the next/previous track respectively, or

- Short Press the Seek Up or Seek Down button from But-• ton Panel to play the next/previous track respectively. or
- Short Press the Up or Down switches from Steering • Wheel to play the next/previous track respectively

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:

• In the Media screen, Long tap on the Next Track icon

or the **Previous Track** icon to play the next/previous track respectively, or

 Long Press the Seek Up or Seek Down button from Button Panel to play the next/previous track respectively, or

WINDTE:

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

PLAY NEXT/PREVIOUS FOLDER

While playing a music track, the system allows you to shift to the next/previous folder and play the music tracks in them. This functionality is supported only for USB. To shift to the next/previous folder:

In the Media screen, tap on the Folder Up

Folder Down icon to shift to the next or previous folder respectively. The system plays the first music track in the selected folder, or

• Long Press Up or Down switches from Steering Wheel.

MEDIA BROWSING

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



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



Figure 13: USB Browse

To browse through the media content:

- In the Media screen, tap on the **Browse** icon **b** or press Menu Rotary knob. The system displays the Browse screen with applicable categories list.
- Select the required category from the list. The system displays the music tracks grouped under the selection.
- From the available music tracks, select the required music track.

VIEW PICTURES (IF AVAILABLE)

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



For your safety, this feature is unavailable when the vehicle is moving with a speed above 7 $\rm km/h.$

To access picture files:

- When there are no playable audio files and only picture files present in the media device: The system displays a pop-up message informing you that there are no audio files and prompting you to confirm whether you want to view pictures. On selecting "Yes", system will display list of available pictures, you can tap or select any picture you want to view.
- When there are playable audio files and picture files in the media device: In the Media screen, tap on the

MEDIA



Browse icon **to** or press Menu Rotary knob. The system displays the Browse screen with applicable categories list.

 In the Browse screen, navigate and select the Pictures option. The system will system will display list of available pictures, you can tap or select any picture you want to view.



Figure 14: Picture Viewer

WNOTE:

Large images might take some time to display.

To navigate between pictures:

- Tap on the picture to view picture operations, the system displays the arrows on either side of the picture, you can tap on these arrows to view next or previous image as required, or
- Short Press Seek Up or Seek Down buttons from Button Panel, or
- Use Up or Down switches from the Steering Wheel.

To close picture viewer:

• Tap on the picture to view picture operations, the system displays the icon at the right corner of the screen along with navigation arrows. You can tap on the **Back**

con $\mathbf{\hat{P}}$ to close the picture.

• On close, the system displays the list of picture.

WATCH VIDEOS (IF AVAILABLE)

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



For your safety, this feature is unavailable when the vehicle is moving with a speed above 7 $\,$ km/h.

To access video files:

- When there are no playable audio files and only video files present in the media device: The system displays a pop-up message informing you that there are no audio files and prompting you to confirm whether you want to view videos. On selecting "Yes", system will display list of available videos, you can tap or select any video you want to watch.
- When there are playable audio files and video files in the media device: In the Media screen, tap on the

Browse icon or press Menu Rotary knob. The system displays the Browse screen with applicable categories list.

• In the Browse screen, navigate and select the Videos option. The system will system will display list of available videos, you can tap or select any video you want to view.



Large video file might take some time to load.

The Video Player allows you to perform the following operations, similar to Music Player:

- Play/pause video
- Play next/previous video
- Perform fast forward/fast rewind

Please refer Media Operations for more detail.



Figure 15: Video Player

To close video player:

• Tap on the video to view video operations, the system

displays the **Close** icon at the right corner of the screen along with navigation arrows. You can tap on the **Close** icon to close the video player.

 On close, the system will fall back to Media Now Playing screen or previous media source (in case of USB with only images).

PHONE

Using the Bluetooth capability you can connect your phone to the infotainment system.

OVERVIEW

The system allows you to:

- Access important phone features like Phone Book, Contacts etc.
- You can make or attend phone calls even while driving, through the infotainment system's hands-free capability.
- Using Bluetooth Audio you can enjoy your phone's Music through the infotainment system.



Figure 16: Phone Setup

WNOTE:

Few phones may not support all the phone related features of the Infotainment system. It is recommended that you go through the phone's user manual to understand its Bluetooth and other capabilities.

To connect phone to infotainment system:

Turn On Bluetooth and device visibility in your phone

• Enable Bluetooth Device Visibility of infotainment system, so other devices can view and request for the connection.

To enable Device Visibility of infotainment system:

• If no phone is currently connected, tap on Phone icon

in home screen, the system will take you into Phone Setup, or

- If no phone is currently connected, press **Phone** button from Button Panel, the system will take you into **Phone Setup**, or
- Open Quick Access Drawer and tap on **"Tap to Connect"** option or the connected device name, or
- Open Quick Access Drawer, tap on Settings, the system displays the Settings screen with various settings list, navigate to and open **Phone Setup**
- In **Phone Setup**, navigate to Device Visibility row and tap to Check the box to enable (if disabled),

W<u>NOTE:</u>

By default, Bluetooth Device Visibility of infotainment system is ON.

PAIRING PHONE

To use Phone features, you need to pair your phone with infotainment system. The system supports a maximum of 20 paired devices. Once a device is paired, system will remember the device and automatically connects when Bluetooth is enabled in both the devices and the phone is within the range of the system.

To pair your device to infotainment system:

- If no phone is currently connected, tap on Phone icon in home screen, the system will take you into Phone Setup, or
- If no phone is currently connected, press **Phone** button from Button Panel, the system will take you into **Phone Setup**, or
- Open Quick Access Drawer and tap on **"Tap to Connect"** option or the connected device name, or
- Open Quick Access Drawer, tap on Settings, the system displays the Settings screen with various settings list, navigate to and open **Phone Setup**

PHONE

- The system will take you into **Phone Setup**, navigate to **Pair New Device** row and tap to initiate pairing process.
- The system searches and displays a list for nearby Bluetooth Devices, tap or select your device name to proceed.
- On selection, the system initiates the pairing by prompting a confirmation message for passcode matching on both devices.
- On confirmation, the pairing is successful and you can use Phone features as per your need, the system displays your device name in the Paired Devices screen and in QAD.

WNOTE:

When the pairing 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.

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-reconnection with the infotainment system.
- Ensure that the phone and the infotainment system are set to be visible to one another (refer to the Bluetooth Setup settings of your phone and infotainment system).
- Ensure that your phone is not in Battery Saver or Airplane mode.
- Ensure that the phone and infotainment system are in proximity.
- Ensure that your phone book contacts do not have special characters or blanks before their name. If there are such Contacts, please rename them.

TROUBLESHOOTING STEPS FOR PAIRING DEVICES

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

PHONE

- Refer to the user manual of your phone to verify whether all instructions for reset, connection and pairing have been followed.
- 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.
- If the above steps do not help, start the pairing process from the beginning.

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

 Compatibility with 3rd party phones depends on the Bluetooth standards, Bluetooth versions, OS version and 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 more defect free software to you.
- Generally Bluetooth SIG certified phones are known to work reliably with the infotainment system. Please check if your phone complies with the Bluetooth standards.

MANAGE PAIRED DEVICES

The infotainment system allows you to perform following operations for the paired devices:

- View the list of devices paired to the system
- Connect to a paired device
- Disconnect an already paired device
- Delete paired device(s)

VIEW PAIRED DEVICES

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 17: Paired Device

CONNECT/DISCONNECT PAIRED DEVICE

To connect or disconnect a paired device:

Navigate to Paired Devices screen .



If a device is currently connected, ٠ will be shown next to the device name. Tap on the icon to disconnect the device.

If a device is not connected. icon will he shown next to the device name. Tap on the icon to connect the device.

DELETING PAIRED DEVICE

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

To delete a devices or all devices:

- Navigate to Paired Devices screen
- Tap on the **Delete I** icon next to the device name to . delete the device. The system prompts you to confirm the deletion of the paired devices, or
- Tap on the Delete All option at the bottom of the list to . delete all paired devices. The system prompts you to confirm the deletion of all paired devices
- Select Yes. The system deletes the selected device(s) from the system.



PHONE

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

PHONE OPERATIONS

After successful connection with the infotainment system, you can perform the following Phone operations:

- View phone information
- View call log
- View contacts
- Set contacts as Favourite
- SMS Readout

VIEW PHONE INFORMATION

Once phone is connected, you can see following phone information on your infotainment screen:

- Device Name in Quick Access Drawer
- Battery status in status bar
- Network strength in status bar

BROWSING PHONE

To browse through different phone options/operations:

- Make sure your device is paired with the infotainment system
- Tap on Phone icon
 from home page, or
- Press Phone button from Button Panel,
- The system displays the Call Log screen by default,



VIEW CALL LOG

In Call Log screen you can view dialed, received and missed calls' information.



Figure 18: Call Log

To access Call Log please refer Browsing Phone.

VIEW CONTACTS

In Contacts screen you can view contacts stored in your phone book alphabetically.



Figure 19: Contacts

To access Contacts, please refer to **Browsing Phone** section.

SET CONTACTS AS FAVOURITE

The infotainment system supports marking some contacts as favourite and allows you to access these from the Favourites screen, in addition to the Contacts screen.

MARKING A CONTACT AS FAVOURITE

To mark a contact as Favourite:

PHONE

- Open the Contacts screen, navigate through the list and select the required contact. The system displays the list of phone number(s) saved for the contact.
- Tap the Favourite icon next to the required number to set it as Favourite

VIEWING FAVOURITE CONTACTS

To display your favourite contacts:

- Navigate to **Favourites** screen. Refer to the Browsing Phone section for the steps to open the Favourites screen.
- If you have configured the Favourite button as a shortcut for Favourite Contacts, you can press the key to view Favourites Contact List.

PHONE CALL OPERATIONS

After successful connection with the infotainment system allows you to perform following call related actions:

- Make an outgoing call
- Accept/Reject an incoming call
- Put a call on hold

- Conduct a conference call
- Toggle between the Phone handset and the hands-free capability

MAKING AN OUTGOING CALL

To make an outgoing call, you can

Navigate to Dial-pad option, enter the digits of the

phone number in the keypad and tap on Call icon



Figure 20: Dial pad



× icon To delete an incorrect entry, use the



- Navigate to Contacts list and select the required con-. tact. The system displays the list of phone number(s) saved for the contact. Tap on the required number to initiate an outgoing call.
- Navigate to Call Log and tap the required number to in-٠ itiate an outgoing call
- Navigate to Favourites screen and tap the required . number to initiate an outgoing call

WNOTE:

To set contact as Favourite, refer to Favourite Contacts

Dial using voice command: Refer Voice Command sec-٠ tion for more details.

ACCEPTING/REJECTING INCOMING CALL

If your mobile phone is paired and currently connected to the system, the system notifies you with a popup message for an incoming call



Figure 21: Incoming Call

1	Caller name (if available)	
2	Caller phone number	
3	Caller image (if available)	



Table 11: Incoming Call

HANDLING IN-CALL FUNCTIONS

When you are in an active call, the system supports various functions like muting the call, adding another number to create conference call, etc.





1	Call status
2	Caller image (if available)
3	Caller name (if available)

4	Caller phone number
5	Call duration
6	Tap to between the phone handset and its hands- free capability
7	Tap to open Keypad
8	Tap to put call on hold
9	Tap to end call
10	Tap to add another call
11)	Tap to mute call
12	Tap to view Participant list
	This icon will be active only during conference calls

Table 12: Active Call

ACCEPTING/MANAGING 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. After accepting the second call, the system takes you to the active call screen with both calls' information.



Figure 23: Active Call - More than one

1	Call status
2	Caller image(s) (if available)
3	First caller name (if available)

4	First call status
5	Second caller name (if available)
6	Second call status
\bigcirc	Tap to switch call.
	The system puts the active call on hold and activates the second call.
8	Tap to merge calls

Table 13: Active Call - More than one

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:

- In the active call screen, press the icon. 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 favourites list or keypad.
- Follow the steps listed in the <u>Making an Outgoing Call</u> section for dialing a number using the various options.

The system initiates an outgoing call for the selected number.

• In the new call screen, press the icon. The system merges the 2 calls (one on hold and one new call) to create a conference call.

VEHICLE FUNCTIONS

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

- Manage the Park Assist system settings
- Handle Lighting settings



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.

OVERVIEW

To display the Vehicle Setup screen:

• Tap on to open Quick Access Drawer

• Tap on **Settings**, the system displays the Settings screen with various settings list, navigate to and open **Vehicle Setup**



Figure 25: Vehicle Setup

1	Tap to open Park Assist Settings
2	Tap to open Lighting Settings
3	Tap to turn on or turn off Voice Alerts

4

Tap to go to back to Settings screen

Table 14: Vehicle Setup

PARK ASSIST

Park Assist system helps you in parking your vehicle safely by providing visual and audio inputs regarding any obstacle in your path, distance from obstacle, and displays dynamic overlays to guide you.

When you engage the reverse gear or tap on from the right drawer, the PDC/RVC feature is activated. It displays the following information:

Red, Green and Yellow colored zones are to identify the degree of closeness to the obstacle from your vehicle bumper i.e.

- o Red- Very close
- Yellow Close
- o Green Within safe distance

PARK DISTANCE CONTROL (IF APPLICABLE)

If your Vehicle is equipped with Park Assist then system displays the PDC screen whenever the Reverse gear is engaged. The display is stopped when the Reverse gear is disengaged.



You can also access Park Assist screen by tap-

ping on ¹² from the right drawer.



Figure 26: Park Assist - Park Distance Control

VEHICLE FUNCTIONS

\bigcirc	Information	Header

Contains the any one of the following details:

- Park Assist component related warning, for example, can contain a message to indicate that the Park brake is engaged
- Active phone call related information

2	Park Assist sensors field of view
3	Tap to close Park Assist screen

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.



Figure 27: Park Assist - Rear View Camera

1	Information Header
	Contains the any one of the following details:
	Park Assist component related warning, for exam- ple, can contain a message to indicate that the Park brake is engaged Active phone call related information
2	RVC Feed

3	Park Assist sensors field of view	
4	Tap to close RVC Screen	
5	Tap to show normal view of RVC Feed	
6	Tap to show wide angle view of RVC Feed	
\bigcirc	Tap to show zoomed view of RVC Feed	

Table 15: Park Assist - Rear View Camera



For more details on RVC, please refer to the vehicle owner's manual.

PARK ASSIST SETUP

You can manage Park Assist settings like Park Assist Notification Volume and Tone Type using the infotainment system. To access Park Assist Settings:

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



Figure 28: Park Assist Setup

1	Tap to turn on or turn off Mix with Audio
2	Tap to decrease Park Assist Tone Volume
3	Tap to increase Park Assist Tone Volume

VEHICLE FUNCTIONS

Tap to change Park Assist Tone Type

Tap to change Park Assist Delay Timer

Table 16: Park Assist Setup

MIX WITH AUDIO

(4)

(5)

Using this feature you can continue listening to the active media source in the Park Assist screen.

To set the tone for park assist:

- In the Vehicle Setup screen, navigate to and select the Park Assist option. The system displays the Park Assist Setup screen.
- Tap on Mix with Audio to turn the feature On or Off

PARK ASSIST TONE VOLUME

This option sets the volume related parameters of the vehicle Park Assist component. To change the Park Assist Tone Volume:

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

- Tap on to decrease the tone volume, or
- Tap on to increase the tone volume

WNOTE:

You can set the Park Assist Tone Volume in the range 1 to 15.

CHANGE PARK ASSIST TONE TYPE

This option sets the tone of the vehicle Park Assist component. To set the tone for park assist:

- In the Vehicle Setup screen, navigate to and select the Park Assist option. The system displays the Park Assist Setup screen.
- Tap on Tone Type and select the required tone from the list provided.

CHANGE PARK ASSIST DELAY TIMER

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.



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 change park assist delay timer:

- In the Vehicle Setup screen, navigate to and select the Park Assist option. The system displays the Park Assist Setup screen.
- Tap on Delay Timer and 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.

LIGHTING

The infotainment system allows you to control lighting features like Approach Lamp and DRL if your vehicle is equipped with these features.

APPROACH LAMP

If the vehicle is equipped with this feature, you can set the Approach Lamp illumination time period from the infotainment system.



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.



Figure 29: Lighting

To set the Approach lights illumination time period:

- In the Vehicle Setup screen, navigate to and select the Lighting option
- In the Lighting screen tap on Approach Lamp, the system displays various illumination time period options
- Select the required illumination time period option

DRL (DAYTIME RUNNING LAMPS)

If the vehicle is equipped with this feature, you can ON/OFF DRL (Daytime Running Lamps) from the infotainment system.

To ON/OFF DRL:

- In the Vehicle Setup screen, navigate to and select the Lighting option
- In the Lighting screen tap on DRL checkbox to ON/OFF DRLs.

VOICE ALERTS

Voice Alert system alerts or informs you regarding the condition of some critical components or actions performed in your vehicle like warning for door open, change in drive mode and more. To turn On/Off Voice Alerts:

- In the Vehicle Setup screen, navigate to Voice Alerts option
- Tap to turn On/Off Voice Alerts based on your requirement

VOICE COMMAND

The infotainment system allows you to access various media, climate, phone and other controls using voice commands.

To activate the voice recognition feature:

Long Press the Voice Command Activation button

on the steering wheel, or

- Tap on Voice Command shortcut from Home screen
- The system mutes/pauses the currently playing audio and you will hear a beep sound to indicate the activation of the voice recognition feature.



Figure 30: Voice Command



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

VOICE COMMAND GUIDELINES

- When similar sounding contact names/song names are spoken, the system will display a list of options matching the spoken name. You can choose the required option from the list by calling out the corresponding line number or touching the required option on the screen.
- Only speak the commands that are listed in the "Voice Recognition Commands" section.

WNOTE:

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

- Speak the commands and names in a neutral English accent for best results.
- Do not take long pauses (greater than 1 second) while speaking the words in a command. Speak the words of the command at a constant rate.
- Avoid varying your pitch and volume while speaking the commands. Speak clearly and loudly at a reasonable speed.
- Ensure that there is no noise disturbance when you speak the commands like, other passengers in the vehicle are talking or there is lot of wind noise. Disturbance from external sound sources may result in poor voice recognition.
- Always face forward while speaking your commands as the voice recognition quality is best in this orientation.



VOICE COMMANDS LIST

Figure 31: Voice Command List

		System Action
Conoral	Cancel	Cancels the currently active Voice Recognition session.
Commands	Remove	Removes the digits in the number that was spoken earlier. For example: If you speak a phone number and wants to delete a digit in it, you can speak the Remove command.

		System Action
	Correction	Corrects the digits in the number that was spoken earlier. For example, if you speak a phone number and wants to correct a digit in it, you can speak the Correct command.
	Special Characters: #: Hash / Pound Or +: Plus Or *:Star Or	Uses the spoken special character as the response. These commands are mainly used while responding to an Interactive Voice Response (IVR).
Phone	Dial	Prompts you to say the number to be dialed. After you say the required number, repeats the number to confirm it. Once you confirm the number by saying Dial again, dials the specified number. NOTE: You can delete or correct the digits in the number by saying the com- mands "Remove" or "Correction".
	Dial <number></number>	Dials the number specified with the command.

		System Action
		 ✓ NOTE: You can say the number by saying each digit separately. For example to dial the number 9876543210, say, Dial nine eight seven six five four three two one zero ✓ NOTE: You can also say the number by saying the digits in groups of two or three. For example, to dial the number 022333267510, say Dial zero, double two, triple three, twenty six, seventy five, ten.
	Call	Prompts you to say the contact name from the Contact list that must be dialed. After you say the contact name, the system dials the contact.
	Call <contact name=""></contact>	Dials the specified contact name from the Contact list. WNOTE: You can also say the category of the contact number like Mobile, Home, Work or Other along with the contact name. For example, to dial to the mobile number of the contact Amitabh Sharma, you can say Call Amitabh Sharma Mobile or Call Amitabh Mobile .

		System Action
		NOTE: The system may take some time to fetch the specified contact from the phone book contacts list.
	Redial	Re-dials the last number that was dialed.
Media	Media	Displays the Media screen.
	USB Or Change to USB	Starts playing music from the USB device from the location where it was last stopped, if connected.
	iPod Or Change to iPod	Starts playing music from the iPod or any apple device from the location where it was last stopped, if connected.
	Bluetooth Or Change to Bluetooth	Starts playing music from the Bluetooth media device from the location where it was last stopped, if connected.
	Auxiliary Or Aux input Or Change to Auxiliary Or	Starts playing music from the Auxiliary device from the location where it was last stopped, if connected.

		System Action
	Change to Aux input	
	Show All <music cat-<br="">egory type></music>	Lists all sub-categories in the specified music category type. For example: When you say the Show All Artist command the system will display all artist types that are available in the Artists category of the media source.
	Browse Options: Artist Or Album Or Genre	Prompts you to say the music category, which you want to browse. When you say anyone of the categories command (see Options in the Command column), lists all sub-categories of the specified category and allows you to browse through the contents of the categories too.
Common Media Commands (When used, will be applicable for the currently ac- tive media source device)	Music Folders	Displays the first level of folders as arranged in your media device. If there are no folders, all music tracks in your media device are listed. Image: This command is valid for only USB media source devices.
	Play My Music	Starts playing all music tracks in the media device from the first.
	Go to Track	Prompts you to say the track number. When you say the required track number, starts playing the specified music track.
	Go to Track <track number></track 	Starts playing the specified music track. For example, to go to track number 143, say Go to Track One Four Three.

VOICE COMMAND

		System Action
Radio	Radio Or Tuner	Displays the Radio screen.
	AM Or AM Radio Or Change to AM Radio Or Change to AM	Plays the AM radio frequency that was last played.
	FM Or FM Radio Or Change to FM Radio Or Change to FM	Plays the FM radio frequency that was last played.
	Tune To	Prompts you to say the radio frequency. When you say the frequency, tunes to the specified frequency and starts playing it, if available.
	Tune To <frequency></frequency>	Tunes to the specified radio frequency and starts playing it, if available. For example, to tune to station 94.3 say, Tune to Ninety Four Point Three .

		System Action
		The frequency range for FM is 87.5 MHz To 108 MHz, with incremen- tal value as 100 KHz or 0.1 MHz. The frequency range for AM is 531 KHz To 1629 KHz, with incremental value as 9 KHz.
	AM Preset	Prompts you to say the AM band preset number (1 to 20). When you say the preset number, tunes to the frequency stored in the preset num- ber and starts playing it, if available.
	AM Preset <number></number>	Tunes to the AM band frequency stored in the preset number and starts playing it, if available. You can say a number in the range of 1 to 20. For example, to play preset 5 say, AM Preset Five.
	FM Preset <number></number>	Tunes to the FM band frequency stored in the preset number and starts playing it, if available. You can say a number in the range of 1 to 20. For example, to play preset 5 say, FM Preset Five.
	Store to Preset	Prompts you to say the preset number (1to 20) to which the currently played radio frequency must be stored. When you say the preset number, stores the frequency in the specified preset number.
	Store to Preset <number></number>	Stores the currently played radio frequency in the specified preset number. You can say a number in the range of 1 to 20. For example, to store to preset 20 say, Store to Preset Twenty.
	Auto Store	Prompts you to say the radio band (FM/AM).

	System Action
Options: AM Or FM	When you say the radio band, the system searches for the available radio stations and when found stores the frequencies as the presets for the specified radio band.
The system allows you to control or view the following settings from the infotainment system:

- Vehicle Setup
- Audio Setup
- Phone Setup
- Volume Setup
- System Setup
- Software details



Figure 32: Settings -1



Figure 33: Settings

1	Tap to open Vehicle Setup
2	Tap to open Audio Setup
3	Tap to open Phone Setup
4	Tap to open Volume Setup
5	Tap to open System Setup
6	Tap to display Software Details

Table 17: Settings

VEHICLE SETUP

System allows you to manage some vehicle function settings. Refer to <u>Vehicle Functions</u> section for detailed explanation of vehicle related settings.

AUDIO SETUP

The system allows you to manage your in-vehicle audio experience. With Audio Setup you can:

- Control Bass, Middle and Treble using Audio Equalizer
- Select a tuned audio preset from a range.
- Manage in-vehicle volume distribution among the speakers using Balance and Fader

To access Audio Setup:



- Tap on **to** open Quick Access Drawer
- Tap on **Settings**, the system displays the Settings screen with various settings list, navigate to and open **Audio Setup,** or
- On Home screen, navigate to and open Audio Setup, system displays Audio Preset Screen by default.

• You can tap on r icons on carousel to toggle

between, Audio Setup 👪 and Balance & Fader 🕂



Figure 34: Audio Preset and Equalizer

1	Tap to modify Bass value
2	Tap to modify Mid value
3	Tap to modify Treble value

.

(4)

Tap to change Audio Preset

Table 18: Audio Preset and Equalizer



The audio settings are common to all media sources.

SETTING BASS, MIDDLE AND TREBLE

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

Middle: Increase or decrease the mid frequency of connected audio source.

Treble: Increase or decrease the high frequencies of connected audio source.

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

• In Audio Setup, system displays the Audio Preset screen. It has two parts : Equalizer (With Bass, Middle and Treble sliders)and Presets (list)

 Use the Bass, Middle and Treble sliders to tune the audio experience as per your need.



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

SELECT AN AUDIO PRESET

You can enhance your sound experience by choosing a desired audio output setting from a range of pre-tuned audio presets.

Available Audio Presets

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

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

- In Audio Setup, system displays the Audio Preset screen. It has two parts : Equalizer (With Bass, Middle and Treble sliders) and Presets (list)
- Use preset list to pick a pre-tuned audio preset as per your need. Current audio pre-set will be shown on top of the list.

SETTING BALANCE & 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.



Figure 35: Balance & Fader

1	Tap to Set Balance & Fader to Front Side
2	Tap to Set Balance & Fader to Rear Side
3	Tap to Reset Balance & Fader
4	Slide on image to manually set Balance & Fader

Table 19: Balance & Fader

To manage the Balance and/or Fader values:

- In the Audio Setup options, navigate to the Balance &
 Fader using the system displays the Balance &
 Fader screen.
- In the Balance & Fader screen, tap anywhere on vehicle to modify the audio balance and fade.

PHONE SETUP

Along with Telephony and basic phone related settings, system allows you to manage some advance phone functionalities like:

- Setting alert notifications for new SMS
- Configuring automatic SMS on Call rejection

To access Phone Setup:



- Tap on **Tap** to open Quick Access Drawer
- Tap on **Settings**, the system displays the Settings screen with various settings list, navigate to and open **Phone Setup.**



Figure 36: Phone Setup

1	Tap to Pair New Device
2	Tap to open Paired Device List
3	Tap to modify system Bluetooth Visibility
4	Tap to open SMS Alert Notification

Table 20: Vehicle Setup

SMS ALERT NOTIFICATION

System can notify you when you receive any new SMS on your phone. You can control how you want be notified:

- A beep with popup
- Only popup
- No notification

To enable the SMS notification:

- In the Phone Setup, navigate to and open SMS Alert Notification.
- The system lists various options to handle SMS Notifications.
- Scroll to and select the required setting. The system sets the selected option for SMS notifications and when you receive any new SMS, you will be notified by the system accordingly.

WNOTE:

If you select the Notify with Popup option, the system can also readout the new SMS to you. Refer to "<u>Enable SMS Readout</u>" section.

CONFIGURING AUTO SMS ON CALL REJECTION

When you receive an incoming phone call, you can either accept or reject it. If you reject a call, you can set an automatic reply to the caller via SMS. You can select from a list of predefined texts or you can configure your own text for the SMS which will be sent using Configuring Auto SMS feature.

To configure the automatic SMS text:

- In the Phone Setup, navigate to and open **Configuring Auto SMS**.
- The system lists various options with different texts.
- Scroll to and select the required SMS text. The system sets the selected option for automatic reply and sends the text as SMS when you reject an incoming call with SMS next time.
- You can write your own text in last two options as per your requirement.



Figure 37: On Screen Keypad



The SMS text message can be of maximum 120 characters.

VOLUME SETUP

The system allows you to manage different volume settings as per your need, like:

• Speed Dependent Volume

- Phone volume
- Startup volume
- Notification volume

To access Volume Setup:



• Tap on **Settings**, the system displays the Settings screen with various settings list, navigate to and open **Volume Setup.**



Figure 38: Volume Setup

1	Tap to Check/Uncheck Speed Dependent Volume
2	Tap to level-down Phone Call Volume
3	Tap to level-up Phone Call Volume
4	Tap to level-down Startup Volume
5	Tap to level-up Startup Volume
6	Tap to level-down Notification Volume
\bigcirc	Tap to level-up Notification volume

Table 21: Volume Setup

SPEED DEPENDENT VOLUME

When the vehicle speed increases, the engine noise and surrounding noise penetrates the vehicle, causing poor audio experience. The Speed Dependent Volume feature smartly adjusts the audio volume of the system with respect to speed of the vehicle. This allows you to feel the best audio experience in-vehicle, even at high speeds.

To enable/disable Speed Dependent Volume Feature:

• In Volume Setup, navigate to **Speed Dependent Volume** and Check/Uncheck the Speed Dependent Volume check box to enable/disable the feature.

PHONE VOLUME

Using this option you can set in-call volume of the connected phone.

To manage Phone Volume:

In Volume Setup, navigate to Phone Volume and tap on
 or to level-down or level-up the phone volume level.

STARTUP VOLUME

You can control the audio volume level at which your music will be played on system startup.

To manage Startup Volume:

• In Volume Setup, navigate to Startup Volume and tap

on or or level-down or level-up the phone volume level.

NOTIFICATION VOLUME

You can control the volume level at which your system will notify you about various notifications.

To manage Notification Volume:

• In Volume Setup, navigate to Notification Volume and

tap on or to level-down or level-up the phone volume level.

SYSTEM SETUP

The Infotainment system allows you to manage various system level settings, like:

- Date
- Time
- Factory Reset

To access System Setup:



- Tap on 🔛 to open Quick Access Drawer
- Tap on **Settings**, the system displays the Settings screen with various settings list, navigate to and open **System Setup.**



Figure 39: System Setup

\bigcirc	Tap to Check/Uncheck Automatic Clock Sync
2	Tap to Set Date

(3)

(4)

Tap to Set Time

Tap to Reset to Factory Defaults

Table 22: System Setup

SETTING DATE

To set the system date:

- In the System Setup, navigate to and select the **Set Date** option. The system displays the Set Date screen.
- In the Set Date screen, us the up and down arrows to change the Day, Month and Year accordingly.
- When the required date is selected, select the Set icon



The selected date is set as the system date.



Figure 40: Date Setup

SETTING TIME

To set the system time:

• In the System Setup, navigate to and select the **Set Time** option. The system displays the Set Time screen.

• In the Set Time screen, us the up



arrows to change the Hour and Minute and AM/PM (in case of 12hr format) accordingly.

- You can change time mode to 24hr format or 12hr format as per your need.
- When the required time is selected, select the Set icon



. The selected time is set as the system time.





RESET TO FACTORY DEFAULTS

You can reset your system to factory default settings, in case you are giving your vehicle to someone for temporary usage or when you are selling out your vehicle. On performing this, system will reset all personalized settings to factory default settings.

To perform Factory Defaults:

- In the System Setup, navigate to and select the **Reset** to Factory Defaults option. The system displays the confirmation pop-up to perform Reset.
- On confirmation, system 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 by doing Ignition OFF.
- The reset action is completed, when you 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 default when the vehicle is in the One Hour System Switched ON Mode. However, if you switch OFF ignition while the reset is in progress, the

system completes the reset operations in the One Hour System Switched ON Mode.

SOFTWARE DETAILS

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

To view the software details:



- Tap on 🔛 to open Quick Access Drawer
- Tap on **Settings**, the system displays the Settings screen with various settings list, navigate to and open **System Setup.**
- In the System Setup, navigate to and select the **Software Details** option. The system displays the software details with information.



Figure 42: Software Details

ANDROID AUTO

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

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



Android smartphones with android version 5.0 (Lollipop) or greater supports 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

ANDROID AUTO CONFIGURATION

Before you connect the Android Auto app on your smartphone with the infotainment system, you need to perform the some one-time configuration steps:

PREPARE YOUR PHONE

- Make sure your phone is running Android 5.0 (Lollipop) and up. For best performance, Google recommend Android 6.0 (Marshmallow) and up.
- <u>Download the Android Auto app</u> from Google Play.
- Make sure your phone has a strong and fast network connection



Android Auto is by default enabled on your vehicle. (if available)

CONNECT YOUR PHONE

• For your safety, ensure your vehicle is ON and in the parked condition and the Park Brake is engaged.

ANDROID AUTO

- Connect your phone to your car using a USB cable.
- Your phone might ask you to download or update certain apps, like Google Maps.
- Review the Safety Information and Android Auto permissions to access your apps.
- Turn on notifications for Android Auto. For the best experience, we recommend accepting all requests.

WNOTE:

Your phone's Bluetooth will be turned on automatically when Android Auto is connected to the car via USB.



Figure 43: Android Auto Projection

START ANDROID AUTO

On your car display, select Android Auto 4 . Follow the instructions to get started.



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

APPLE CARPLAY

Apple CarPlay is a projection technology, which allows you to operate your Apple iPhone from your vehicle infotainment system. You can use voice commands or the simple iPhone like interface on your infotainment system to operate your phone functionalities. It is designed to minimize distraction while driving.



Apple CarPlay is compatible from iPhone 5 and up. For more information, refer to

https://www.apple.com/in/ios/carplay/

CARPLAY CONFIGURATION

Before you connect the iPhone to infotainment system to use CarPlay, you need to perform the some one-time configuration steps:

PREPARE YOUR PHONE

• Make sure you have iPhone 5 or up device, running on latetst iOS.

 Make sure your phone has a strong and fast network connection



Apple CarPlay is by default enabled on your vehicle (if available).

CONNECT YOUR PHONE

- For your safety, ensure your vehicle is ON and in the parked condition and the Park Brake is engaged.
- Connect your phone to your car using a USB cable.
- Make sure that CarPlay isn't restricted. Go to Settings > Screen Time > Content & Privacy Restrictions, tap Allowed Apps and make sure that CarPlay is enabled.

START APPLE CARPLAY

Apple CarPlay will automatically get started in Connection. If CarPlay doesn't activate automatically, you can access CarPlay through:

• Tap on 😨 to open Quick Access Drawer



Figure 44: Apple CarPlay Projection



If the connection with the infotainment system is lost, the CarPlay will get disconnected and infotainment system displays the Home screen.

DRIVENEXT

DriveNext is a driving behaviour monitoring and analytics solution designed and developed for Tata Motors vehicle owners to encourage safer and efficient driving. DriveNext captures the real-time vehicle sensor data and convert those data points into meaningful driver centric information.



Figure 45: DriveNext

With DriveNext app, you can:

- Monitor some vital vehicle information like Fuel Level, Odometer Readings, Distance to Empty etc from home, office or just about anywhere.
- Get Trip Summary after every trip end.
- Understand your driving behaviour using detailed trip insights.
- Analyse Fuel Efficiency with respect to your trips and diving performances.
- View score on Driving, Efficiency and Safety parameters, generated after analyzing your driving patterns in real-time
- View insights on your Best Trip, curated among the Overall Trips you've completed.
- Perform Trip Management
- View Trip Histories

MOBILE APPS (CONNECTNEXT APP SUITE)

Designed for Tata Motors vehicle owners, the ConnectNext app takes connectivity to a next level by enabling a secured communication channel between ConnectNext infotainment systems and smartphone. In conjunction with ConnectNext Service, ConnectNexts app severs as a pre-requisite gateway for **ConnectNext App Suite** apps to interact with ConnectNext infotainment system.

With ConnectNext app, you can:

- View Vehicle-Smartphone connectivity status.
- Smartly manage Vehicle-Smartphone connectivity with Auto Connect feature.
- Monitor some vital vehicle information like Fuel Level, Odometer Readings, Distance to Empty, Service Due etc from home, office or just about anywhere.
- Learn about the Tata Motors ConnectNext App Suite and all the compatible apps.
- Share your feedback on experience with ConnectNext infotainment system and app.

WNOTE:

Always download/upgrade to latest version of ConnectNext app to enjoy seamless Vehicle-Smartphone connectivity experience.

CONNECTNEXT APPS DISCLAIMER

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FREQUENTLY ASKED QUESTIONS (FAQ)

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

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.

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.

How to Play video in the infotainment system?

Video Playback option is not available in all variants. If availa-

ble, navigate to Browse block of Media screen and select "Video" option. Through this you can browse through the Video files available in the current media source only (USB).

What all the video formats does it support?

 .avi and mp4 as container formats will be supported if the feature is available in your vehicle variant

If my vehicle supports video playback, can I play HD videos in the infotainment system?

Yes. Videos till 720p resolution will be supported.

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.

From what all the Media sources I can play video?

You can play video only from USB.

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

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

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, AAC

• Container File: AVI, MP4

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.

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.

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

Please refer to <u>Android Auto</u> and <u>Apple CarPlay</u> sections for details.

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.

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. 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.

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

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

- To activate OK Google (voice recognition) so that your voice actions are recognized, press the mike icon.
- You can also enable OK Google by doing a Long Press on the Voice command Steering Wheel control element.

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.

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.

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.

ABBREVIATIONS

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

ABS	Anti-lock Braking System
AM	Amplitude Modulation
APPS	Applications
AUX	Auxiliary
AVRCP	Audio/Video Remote Control Profile
BMP	Bitmap Image File
BTSA	Bluetooth Streaming Audio
FM	Frequency Modulation
JPEG	Joint Photographic Experts Group
PBAP	Phone Book Access Profile
PDC	Park Distance Control
PNG	Portable Network Graphics
RDS	Radio Data System
RVC	Rear View Camera
USB	Universal Serial Bus

Table 23: Abberviations

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