

Infotainment System

User Manual

Dear Customer,

Welcome to the 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 contact 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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1 ABOUT THIS MANUAL

This guide introduces you to the Infotainment system and Instrument Cluster details its feature, controls, options, and operations.

In addition, the guide contains:

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

Conventions



DANGER

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



WARNING

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



CAUTION

Text that calls for attention.

Safety Guidelines

 **DANGER**

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

Keep this manual in the vehicle, so it will be handy for you to refer, when needed. If you sell or lend the vehicle, make sure this manual is available in the vehicle along with other standard booklets.
Please read and follow the safety guidelines listed in this section to avoid injury or property damage.

General Safety Guidelines

 **WARNING**

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

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

 **DANGER**

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

Safety Guidelines while Driving

 **DANGER**

Glance at the screen of the infotainment system only when necessary and safe to do so. If prolonged viewing of the

screen is necessary, park in a safe location and engage the hand brake.

 **DANGER**

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

System Care and Maintenance

Exert 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 hot 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 of the infotainment system.

 **WARNING**

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

 **WARNING**

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

 **WARNING**

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

- This product is with Battery certification details

IS 16046(Part 1)/
IEC 62133-1

R-41314285
www. bis. gov. in

Warranty

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 4 years / 1 lakh kms (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 36 months / 60000 kms from the date of the first sale of vehicle.

4. 1 Year warranty for battery

5. 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 is removed or tampered.
- Improper usage such as wrong electrical supply/voltage setting causing damage to the equipment.
- Except the Battery replacement slot (below highlighted area to be unscrewed), if any removal/opening.



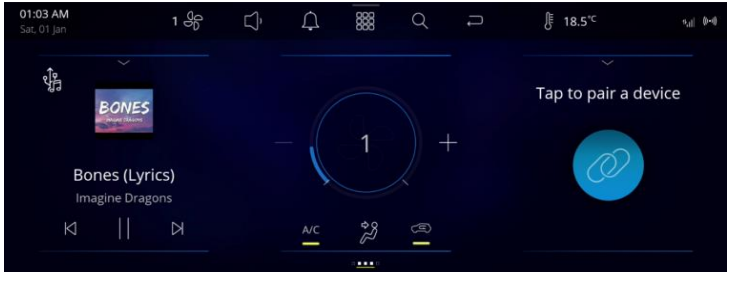
Infotainment Persona

The theme of the infotainment system depends on the vehicle variant.

You will be able to see different skin/theme of the infotainment system based on the vehicle variant.

There is only one theme for Punch MCE infotainment system:

1. **Creative**



2 INTRODUCTION

Overview

TATA iRa is a powerful multimedia and navigation system featuring a wide touch screen with easy to navigate through touch and swipe controls.

The infotainment system provides an ideal in-car experience, supporting a wide range of media formats and devices. The system's enhanced sound controls ensure that all sources sound great.

Key Features of the multimedia system are:

1. 10.25-inch display with 1920 x 720 resolution
2. 4 channels (Non-Brand Audio) output supported with internal audio amplifier interface.

   Note: Channel output is based on vehicle variant
3. AM and FM Tuner bands with 20 minimum memories each
4. USB, Wi-Fi/Hotspot and Bluetooth Audio multimedia support
5. Video Playback and Image viewing support from USB source (Pen Drive only)
6. Bluetooth connectivity for pairing with up to 20 devices, maximum 1 device can be connected at a time, hands-free calling, phonebook access and set favorite contacts capability.
7. Bluetooth remote control support with Connect Next App
8. Vehicle Controls, like DRL, Approach Light and Illumination Controls
9. Climate Control from infotainment system
10. Voice Assistance to operate your infotainment system functionality using voice commands.
11. Wireless Android Auto™ and Wireless Apple CarPlay™ compatibility for infotainment system.
12. Drive Next Application for real-time driving behavior analysis. (dependent on vehicle variant applicability)
13. Display OFF feature for distraction free night drive.
14. Speed Dependent Volume Control
15. Infotainment controls from Steering Wheel Switch Board
16. Emergency and break down calling feature.

3 GETTING STARTED

The system delivers entertainment and information, while helping drivers keep their eyes on the road and their hands-on the wheel. You can control the infotainment system via touch screen or steering wheel control.

On-Screen Touch Controls

Refer to the below guidelines on how to touch the screen to operate the system.

Note: Touch the screen using your finger, or a stylus pen.



Select

Tap lightly on the application to select it.



Drag and Drop

Select an application or item you want, then drag and drop it to where you want to place it.



Flick (Quick Scrolling)

Flick on the screen to move quickly up and down in the list.



Select and Hold

Selecting and holding or in the music player will rewind or fast forward the music.



Zoom in

Click on the Zoom in icon for the bigger size screen



Zoom out

Click on the Zoom in icon for the normal/smaller size screen

Steering Wheel Controls

Steering Wheel Controls (SWC) provide you the flexibility of controlling the infotainment.

Figure 1: Buttons on Steering Wheel



Table 1 Buttons on Steering Wheel

Sr. No	Control Elements	Description
1		Incoming Phone Call: Accept call.
2	 Volume Up	Short Press: • To increase the volume by one unit. Long Press: • To increase the volume rapidly
3	 Volume Down	Short Press: • To decrease the volume by 1 unit. Long Press: • To decrease volume rapidly

Sr. No	Control Elements	Description
4	 Scroll Up	Short Press: USB: Plays the next track Video Playback & Bluetooth Audio: Plays the next track. Radio: Plays next radio station. Long Press: USB: • In Folder Mode: Plays track from next folder. • If Non-folder Mode: Fast Forwards the current track. Video Playback & Bluetooth Audio: • Fast forwards the current track Radio: Starts Auto Seek up.
5	 Scroll Down	Short Press: USB, 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.

Sr. No	Control Elements	Description
		Long Press: USB: • In Folder Mode: Plays track from previous folder. • If Non-folder Mode: Fast rewind the current track. Video Playback & Bluetooth Audio: • Fast rewinds the current track Radio: • Starts Auto Seek down.
6		Short Press / Long Press: Toggles between available media sources in below sequence: If Android Auto/Apple CarPlay device not connected: • Radio (last band FM / AM) --> USB--> BT streaming If Android Auto/Apple CarPlay device connected: • Radio (last band FM / AM) --> AA/CPY

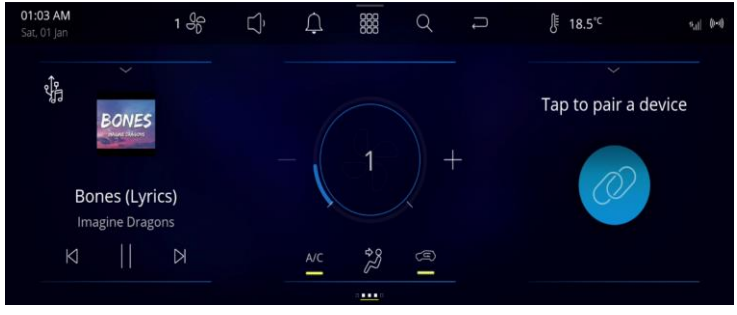
Sr. No	Control Elements	Description
7		If Incoming Phone Call: Reject call. If Outgoing Phone Call: Cancel call. If Active Phone Call: End call.
8		Long Press Push To Talk: Activate • Android Auto/ Apple CarPlay: Activates Google Assistance / Siri (whichever is applicable). • Android Auto Mode: Activates 'OK Google' • Car play Mode: Activate Siri • SVS, PDC, Outgoing Call, If, Active Call: No action
9		If Media is Playing: Mutes/Unmutes the track and Ringing tone. Android Auto/Car play Voice Recognition: Cancel OK Google/Siri

System Overview

System ON/OFF

When the vehicle ignition is turned ON, the system will be automatically switched ON and last active audio source playback will start.

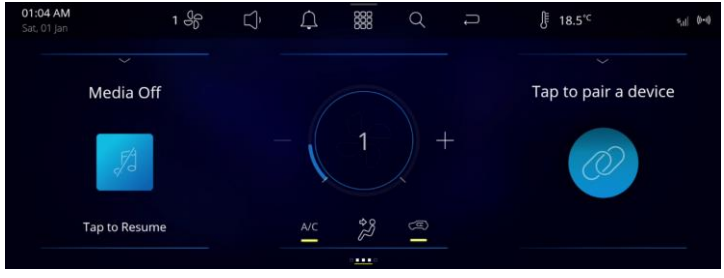
Figure 2: System ON – Home / Widget Screen



Media Off Mode

For distraction free and quiet Driving, system offers a Media OFF mode. When the infotainment system is ON and open the Quick Access drawer and click Media Off  Icon, the active audio source will be stopped, and the system will enter Media OFF state.

Figure 3 Media Off Screen



Performing any media related activity will take system out of media off mode and last active source playback will start.

Display Layout

The Home page has space allotted for specific information.

Figure 4 Home Page - Layout

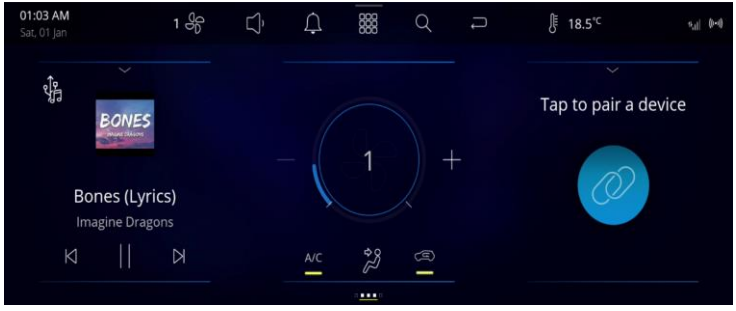


Table 2 Display Layout

Sr. No	Layout
1	Status Bar
2	Home Page / Widget Screen
3	Quick Access Drawer

Status Bar

Status Bar contains following shortcut Icons for easy access.

Sr. No	Icons
1	Climate control Icon
2	Volume Control
3	Notification Centre
4	Home Screen /App Launcher Icon
5	Global Search Icon
6	Back Icon

Figure 5 Icons on Status Bar



1. Climate Control Icon

Tap Climate Control Icon to control HVAC system of the vehicle and set the temperature.

Tap + to increase or − to decrease the temperature.

2. Volume Control Icon

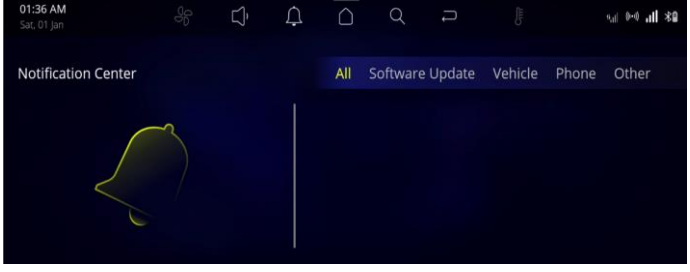
Tap Volume Control Icon to Increase / Decrease or Mute the volume of the music.

3. Notification Icon

Tap Notification Icon to view the all the notifications.

Note: Phone Notifications will be displayed only when phone is connected.

Figure 5 Notification Screen



4. Application Launcher Icon

Tap App Launcher Icon to view all the applications of the Infotainment system. You can scroll down to view the applications and tap on the icon to open the application.

Figure 6 Applications Screen -1

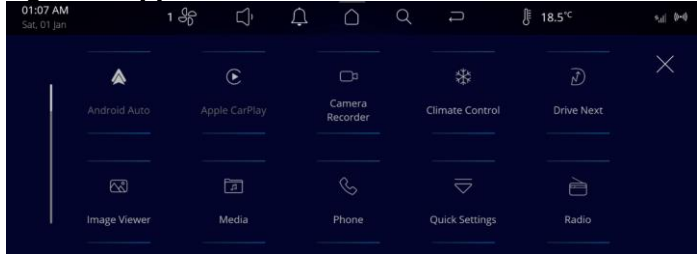
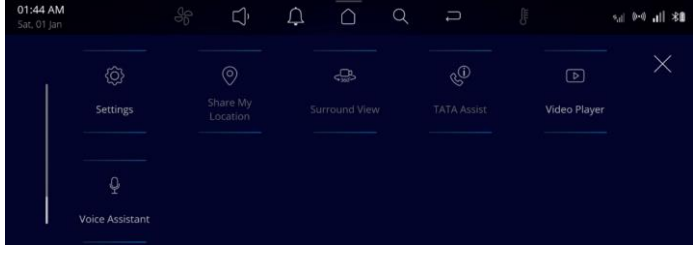


Figure 7 Applications Screen -2

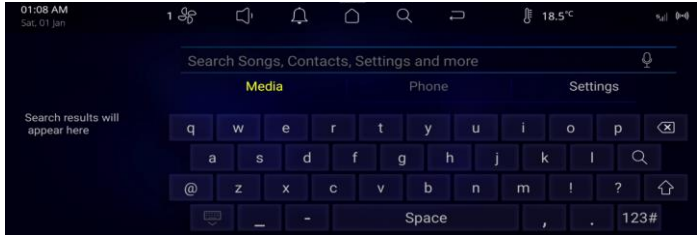


5. Global Search Icon

Tap Search Icon to search applications, media, or any item on the system.

Note: Keyboard is available until vehicle speed is below 7 KMPH.

Figure 8 Global Search Screen



6. Back Icon

Tap back icon to go back to previous screen or the Home Screen.

Home / Widget Screen

Widget screen displays Application/Feature set as favorites. You can customize the Widget screen by setting up the Application to be displayed on the home screen for quick access.

Note: Following features can only be added to the Widgets.

1. Phone
2. Media
3. Climate control
4. DriveNext

Options on Widget Screen

1. Audio Source

This option on the Widget displays the source of audio such as Radio, USB or Phone if connected. Tap the Audio source on the widget to play music.

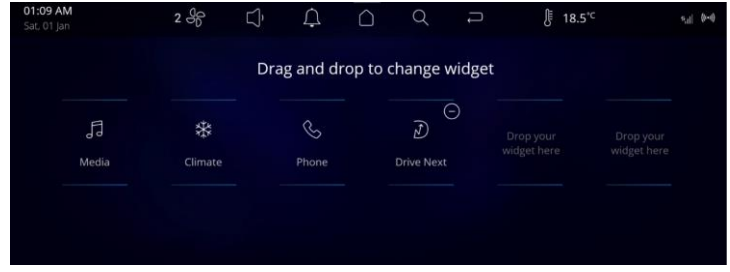
2. Pair a Device

You can pair a new device through Widget screen. Tap on the Pair device Widget and connect via Bluetooth.

3. Setup New Application on the Widget

To add a new application on the Widget Screen 1
1. Tap **Add New Widget** option.
2. All the available applications will be displayed.
3. Drag and drop the application you want to view on the Widget Screen.
4. Application successfully added on the Widget Screen for quick access.

Figure 9 Setup Application on the Widget

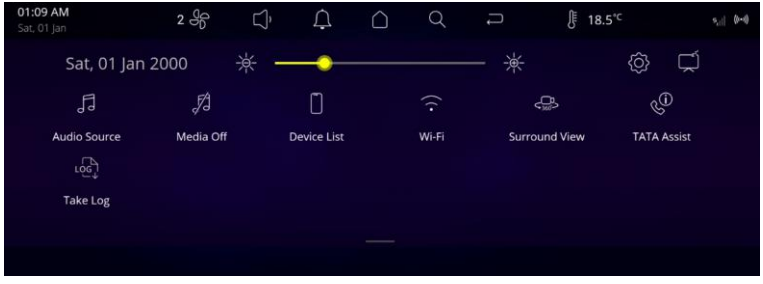


Quick Access Drawer (QAD)

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

For a quick and easy access of the system, swipe down from the top to open the Quick Access Drawer.

Figure 10 Icons on QAD



Icons on QAD

1. **Brightness** 
   This icon helps to change the brightness of the Infotainment display.

2. **Settings** 
   This icon is a shortcut to Settings Application. Tap the Settings icon to view and setup various settings as detailed in Settings chapter.

3. **Display Off** 

   To put the display into sleep mode, tap the Display OFF icon.

4. **Quick Access Icons**
   a. Audio Source
   b. Media Off
   c. Device List
   d. Wi-Fi
   e. Surround view
   f. Tata Assist
   g. Take Log

4 APPLICATIONS

Media

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

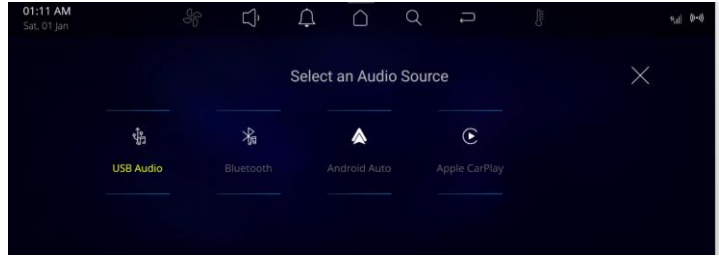
- USB
- Bluetooth Audio
- Android Auto
- Apple CarPlay

Connecting to a Media Source

Pen Drive: Pen Drive must be 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 devices.

Bluetooth Audio: 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 for them to be recognized and accessed.

Figure 11 Media Screen



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

Note: The supported video formats are .mp4 and .avi.

Selecting a Media Source

If 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 Media Source icon on the Widgets Home screen. The system displays the source drawer and plays the media source that was played last if the source is still connected.

2. If no source is connected, select the required currently available media source. The system plays music track from the selected source.

Music Related Functions

The system allows you to perform the following Media operations:

- Play/Pause music.
- Repeat music track.
- Shuffle music tracks in a folder/media source.
- Play next/previous music tracks.
- Perform fast forward/fast rewind.
- Play next/previous folder.
- Browse through the media content available for USB Playback source only.
- View Pictures via USB.
- Play Videos via USB.

Note: For Playback sources, Repeat and Shuffle functions can be controlled by device only

Note: For BT, Android Auto and Apple CarPlay repeat shuffle functions are device specific

Play/Pause

- In the Media screen, tap Play  or pause  on the screen.

Note: If the system comes across a corrupt music track in your media source, the system skips the track and automatically moves to the next music track in the media source.

Repeat

To repeat a track or tracks in a folder:

- In the Media screen, press the Repeat  icon to switch on/Off repeat functionality.
- Repeat Once: The system repeats the current track and displays '1' above the Repeat  icon to indicate the repeat once action.

- Repeat All: The system repeats all the songs. In case of USB, by default the system repeats all the songs.
- Repeat OFF: The system stops playing the song repeatedly.
- Repeat Folder (applicable only for USB with folder): The system repeats the song list in the selected folder.

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 to 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 devices.

In the Media screen, Tap the Menu icon to view the next/previous music track.

Play Next/Previous Music Tracks

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 Up or Down switches from Steering Wheel to play the next/previous track respectively.

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:

- 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.

Play Next/Previous Folder

While playing a music track from the USB Stick, the system allows you to shift to the next/previous folder and play the music tracks in them.

Note: This functionality is supported only for USB. To

shift to the next/previous folder:

- In the Media screen, tap on 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, 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.

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

To browse through the media content:

- In the Media screen, tap the Browse icon. 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, chose the required music track. The system plays the selected music track.

View Pictures

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

Accessing the Picture Files

- You can view picture files by using the picture viewer application.

Note: The feature is unavailable when the vehicle is in motion. While driving, if you select a picture file, the system displays a popup message warning you not to open picture files while driving.

Note: While viewing picture files, if you start and drive your vehicle, and the vehicle reaches a speed of 7 kmph or more, the system closes the picture viewer and displays a

popup message indicating that the picture viewer is unavailable at high speed.

Watch Videos

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.

Note: 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.

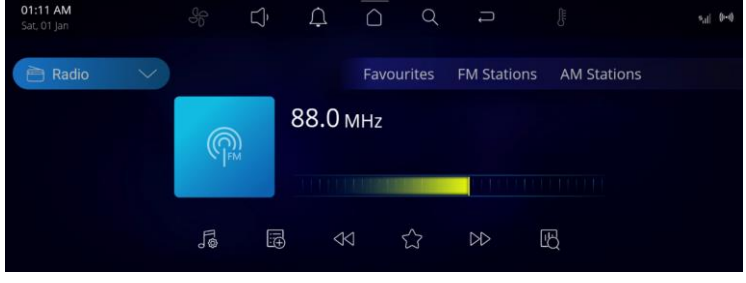
Radio

The iRA infotainment system supports both AM and FM bands.

To access Radio:

1. Tap Radio Application displayed on the Widget Screen or Tap the App Launcher icon and select Radio.
2. Tap on FM Stations or AM Stations
3. Tap Scan  icon to scan the radio station. You can scan the station from steering wheel as well.
4. Once the radio station is selected, you can set as favorite by tapping the favorite  icon.

Figure 12 Radio Screen



Radio Operations

The system allows you to perform the following radio operations:

- Tuning Radio stations
- Auto Store
- Scan
- Scroll left/right
- Audio settings

Tuning Radio Stations

The infotainment system supports Manual as well as Auto store.

Manual Tuning

To perform Manual Tuning:

1. Slide left/right on tapping Radio screen by selecting seek up/down and tune the frequency as per your need, or you can scan the station from steering wheel as well.

Auto Tuning

The system will search for the available radio stations and when found, you can tune in the station from the list displayed.

Figure 13 Auto Store



Tuning continues till new available frequency/Station is found.
The direction of tuning depends on Right/left button.

Newfound station/frequency is displayed on the Screen and Tuner starts playing the tuned frequency.

To perform Auto tuning:

1. Tap Seek up Seek Down icon or
2. Long Press Up or Down switches from Steering Wheel Controls

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 pre-sets bar.

To perform Auto store:

1. Tap Browse on Radio Screen, the system will display diverse options.
2. Navigate to Auto store and touch on screen to start Auto Store.
   The system will search for the available radio stations and when found, you can tune in ten stations from the list displayed.

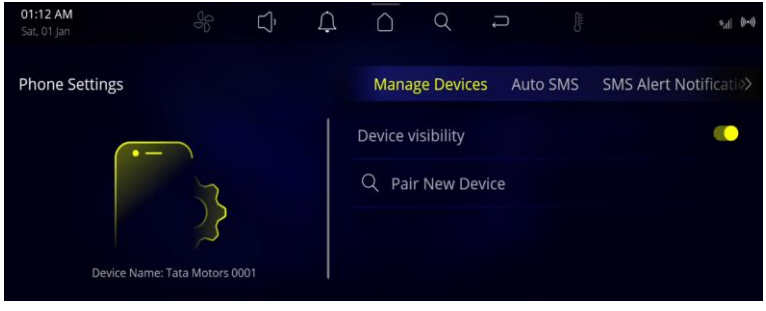
Phone

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

Once both the devices are paired, 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 with hands-free capability.

Figure 14 Manage Devices



Device Visibility
To enable or disable the visibility of the system:

Enable the Bluetooth visibility of the infotainment system so that even other devices with Bluetooth capabilities can now search and view the infotainment system.

1. Tap Phone Settings to view the Setup options.
2. Navigate to and select the Phone Setting option. The system displays the diverse options for managing the Bluetooth capabilities of the system.
3. In the Phone Setting 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 enabled, the system will not be listed when other devices search for Bluetooth devices.

Pair New Device

Connecting your phone with the infotainment system is called as pairing. The infotainment system supports a maximum of 20 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 'Manage Devices' and select 'Pair New Device' option. The system searches for Bluetooth enabled devices within its range.
2. Navigate to and select the required phone from the list of currently available Bluetooth enabled devices.
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.
4. Tap Allow to allow all the requested notifications of the phone once paired with the Infotainment system via Bluetooth.

Figure 15 Pair New Device



Deleting Devices

To delete a device from the list, Select the device and tap Delete icon.

To delete all devices connected to the infotainment system – Tap "Delete All devices"

Phone Functions

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

- View call log and contacts.
- Make an outgoing call (Last 20 call Logs)
- Accept/reject an incoming call.
- Reject Incoming call with SMS.
- Put a call on hold.
- Manage two calls at a time.
- Conduct a conference call.
- Toggle between the Phone handset and the hands-free capability.

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 recent call logs.

To view the call log:

1. In the Phone Browse screen, tap Call Logs. The system displays the details of up to 20 past calls in the Call Log screen.

Viewing Contacts

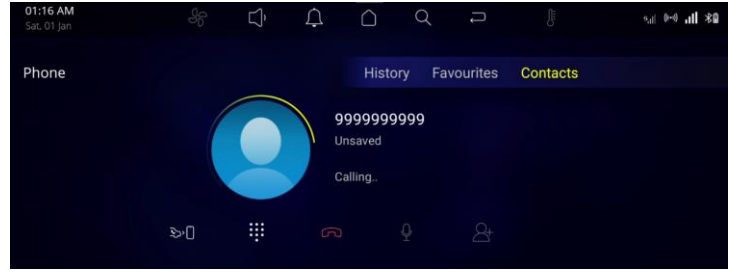
1. The infotainment system allows you to view up to five thousand contacts stored in your phone book.
2. To view the contacts, In the Phone Browse screen, tap Contacts. The system displays the Contacts screen with the list of contacts stored in your phone book.

Making Outgoing Calls

The infotainment system supports 5 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
- Dialing using voice command

Figure 16 Outgoing Call Screen

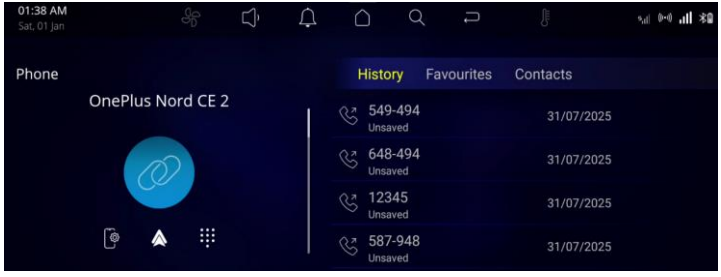


Dialing Using the Call Log

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 17 Call Log 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 Last in the Contact list with an #.

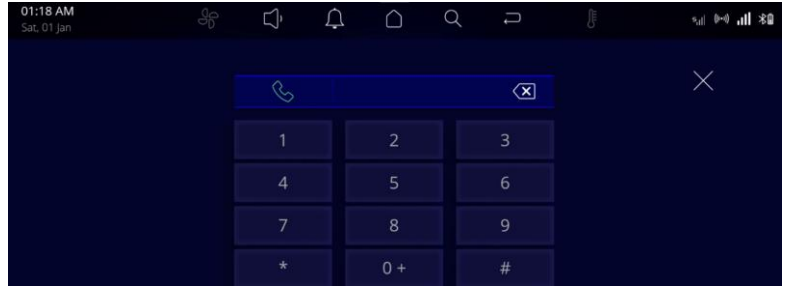
Dialing the Phone Number Manually using Dialpad

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.
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: 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 18 Dial Pad



Dialing Using the Favorites

The infotainment system supports marking 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.

Note: You can save maximum 20 contacts to the favorite list.

Viewing the Favorites List

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

To display the Favorites screen:

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

Dialing from Favorite Contact List

To dial a favorite contact

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

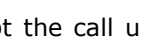
Accepting/Rejecting Incoming Calls

When you receive a phone call, you can either accept or reject it from 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 Incoming call with Message.

To accept incoming call:

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  button Steering Wheel control.

To reject incoming call:

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

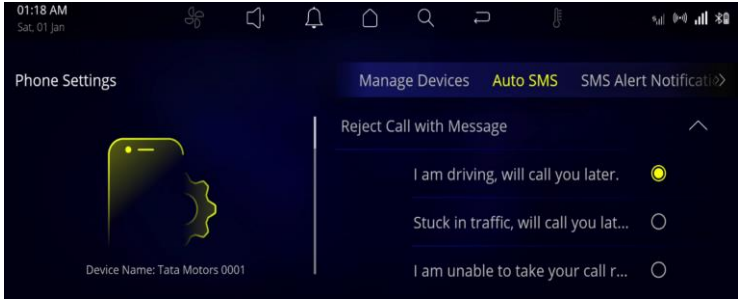
Note: You can also reject the call using the Steering

 Wheel control.

Reject Incoming call with Message

In the Reject with Message option, the system rejects the call and sends a SMS to the caller with the configured text.

Figure 19 Reject Call with Message



Handling 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.

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 Dialpad 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.

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:

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

Accepting Another Incoming Call

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

To accept another incoming call:

1. In the active call screen, the system displays a new call popup message with Accept, Reject and Reject with Message 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. Tap switch calls option.

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.
2. Follow the steps listed in the "Making an Outgoing Call" section for dialing a number using the distinct 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.

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

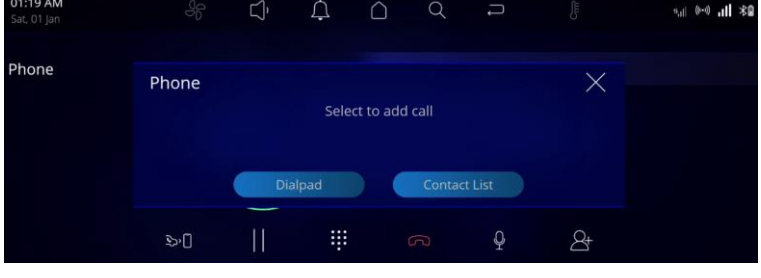
1. Accept a new incoming call as detailed in the "Accepting/Rejecting an Incoming Phone Call" section.
2. In the new call screen, tap Merge. The system merges the 2 calls (one on hold and the new call) to create a conference call. The first call is activated before merging.

Note:

a. You can view the list of participants in a conference call by taping the Participants icon.

b. There can be maximum of five participants in a conference call.

Figure 20 Add Call to Conference



Wireless Charger*

*(*Sign denotes = If Applicable / Available feature in your car)*

Wireless Phone Charger (WPC) is available in TATA vehicle to give an experience to charge your smart devices wirelessly. This refrains the anxiety of smartphone discharge during the drive. Popup indication appears on the screen to show the status of charging.

Following screen is displayed when the phone is charged using the charging Pad.

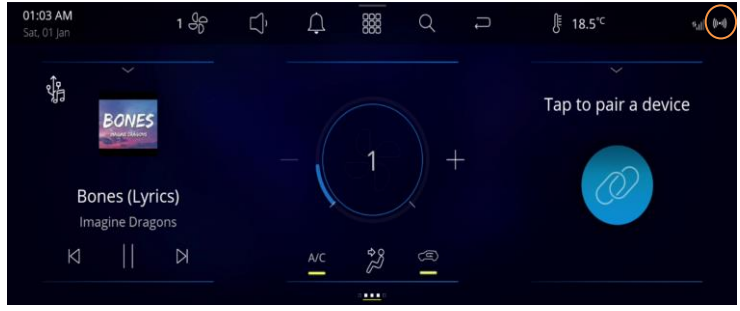
Not Charging State

When no phone is placed on the charging pad, the charging on icon is hidden.

Charging On

When the phone is being charged using charging pad, wireless Charger icon pops up on the top right corner of the status bar.

Figure 21 Wireless Charing On



Charging Error

In case of charging error, the error charging icon is displayed on the top right corner of the status bar.

Battery Full Charge

Battery full charge pop appears on the system screen once the phone is fully charged.

AQI*

*(*Sign denotes = If Applicable / Available feature in your car)*

The infotainment system is equipped with a Cabin Air Quality (CAQ) feature which denotes value of purity of air inside the TATA vehicles. It transforms the weighted values of individual air pollution related parameters, for example pollutant concentrations, into a single number or set of numbers.

To view Air Quality Index of the Cabin

1. Tap App Launcher icon on the status bar and then tap AQI application icon.

Figure 22 AQI Screen



AQI	Associated Health Impacts
Good (0-50)	• Minimal Impact
Satisfactory (51-100)	• May cause minor beathing discomfort to sensitive people
Moderate (101-200)	• May cause breathing discomfort to people with lung disease such as asthma and discomfort to people with heart disease including children and elderly
Poor (201- 300)	• May cause breathing discomfort to people on prolonged exposure and discomfort to people with heart disease with short exposure
Very Poor (301-400)	• May cause respiratory illness to the people on prolonged exposure. Effect will be pronounced in people with lung and heart diseases
Severe (401-500)	• May cause respiratory effects even on healthy people and serious health impacts on people with lung/heart diseases. Health impacts may be visible even during light physical activity

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, 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.

Note: Applicable only for Android Smartphones with Android Version 9 and above

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.
- Download Android Auto - Apps on Google Play from Google Play.
- Make sure your phone has a strong and fast network connection.

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: Android Auto is by default enabled on your vehicle.

Connect - Wireless Android Auto

1. Pair/connect your phone to the infotainment system using Bluetooth®.
2. Follow the prompts on the screen and on your phone to start.

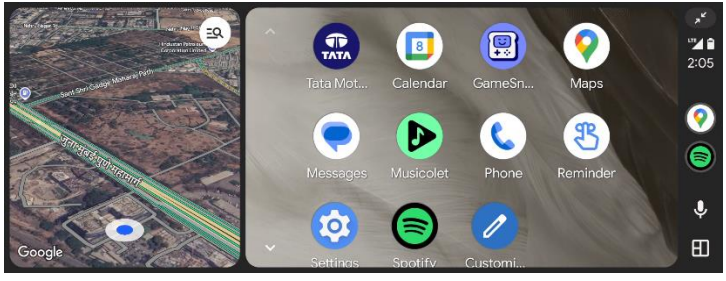
Connect – Wired Android Auto

1. Ensure your vehicle is in the parked condition and the Park Brake is applied.
2. Connect your phone using USB cable to the Infotainment to start Android Auto
3. Follow the prompts on the screen and on your phone to start.

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

Start Android Auto

Figure 23 Android Auto Projection



Tap on Android Auto application from the App Launcher screen. Follow the instructions to get started.

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

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 of phone must be good.

Using Android Auto

You can access the Google Maps, communication functionalities (receives and make phone calls, receive, and send messages) of your smartphone through the infotainment system. Even in the infotainment system, you just need to provide voice actions to control these functionalities, without removing your hand from the steering wheel.

Any new message that you receive on your phone is displayed on the home screen and readout to you. You can either reply to the SMS with a default message like "I am Driving."

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

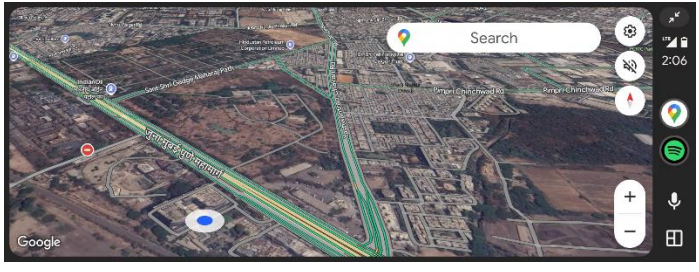
Note: Click the icon to go to the Android Auto Home screen from any other Android Auto screen

Access Google Maps using Android Auto

To access Google Maps and its navigation support features from Android Auto on the infotainment system:

1. Tap the icon on the Android Auto Home screen on the infotainment system. The Google Maps screen is displayed. You can now initiate and use the various features of Google Maps from the infotainment system, as you handle it from your Android smartphone.

Figure 24 Android Auto Google Map Screen



Handle Calls using Android Auto

To handle calls or other communication related actions from Android Auto on the infotainment system:

Tap the icon on the Android Auto Home screen on the infotainment system. The Dialer screen is displayed. You can now make calls, receive calls, or handle any other communication or other communication actions from the infotainment system, as you handle it from your Android smartphone.

Listen to Music

1. On your display, select the app launcher.
2. Tap Android Auto
3. Select your favorite music app to browse and play music.

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.

Note: Applicable only for iPhones. Apple CarPlay is compatible from iPhone 5 and above versions. For more information, refer to

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

Prepare Your Phone

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

1. Make sure you have iPhone 5 or up device, running on iOS 13 or up to latest iOS.
2. Make sure your phone has a strong and fast network connection.

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

Connect – Wireless Apple CarPlay

1. Pair/connect your phone to the infotainment system using Bluetooth®.
2. Follow the prompts on the screen and on your iPhone to start a wireless Apple CarPlay session.

Connect – Wired Apple CarPlay

1. 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
2. Tap on the popup/menu to launch the Apple CarPlay Home screen.

Note: If the connection with the infotainment system is lost, the app is disconnected, and the infotainment system home screen is displayed.

Note: The settings of Apple CarPlay can be accessed from your iPhone only.

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 25 Apple CarPlay Home Screen



Say Hey Siri to activate Siri (voice recognition) so that your voice actions are recognized, tap and hold the home icon on the Apple CarPlay Home screen. Once you are displayed with the waves, you can speak your voice action.

Start Apple CarPlay

Apple CarPlay will automatically get started in Connection. If Apple CarPlay does not activate automatically, you can access Apple CarPlay by:

1. Tapping on Apple CarPlay icon.

Manage Calls, Messages and Communication Actions using Apple CarPlay

To handle the various actions of your iPhone from Apple CarPlay on the infotainment system:

1. **To Manage Calls**: Tap the Phone icon on the Apple CarPlay Home screen on the infotainment system. You can now make calls, receive calls, and view contacts.
2. **To Manage Messages**: Tap the Messages icon. You can now read, send, and reply to received messages or handle other communication actions from the infotainment system, as you handle it from your iPhone.
3. **To manage Music**: Tap the Music, Podcasts or Audiobooks icon. You can now access all your content from iTunes®, Music app or other available third-party audio apps.
4. **To Return to the Infotainment System Home Screen:** Tap the home icon. The system closes Apple CarPlay and displays the system home screen.

5. You can click home icon on the left bar to go back to Home Screen on the infotainment system.

Note: The other features in Apple CarPlay can be similarly accessed from your infotainment system.

Figure 26 Apple CarPlay Screen with an Active Call



When an Apple CarPlay session is active in the system and you access other system functions like, HVAC and Volume Control, the status of these functions will be displayed at the top of the Apple CarPlay screen.

Listen to Music

1. On your display, select the app launcher.
2. Tap Apple CarPlay
3. Select your favorite music app to browse and play music.

Figure 27 Apple CarPlay Music Screen



DriveNext*

*(*Sign denotes = If Applicable / Available feature in your car)*

DriveNext captures the real-time vehicle sensor data and convert those data points into meaningful driver centric information.

Note: DriveNext is applicable for Non telematics MT(Manual) and AMT vehicle only.

With Drive Next app, you can:

- Monitor some vital vehicle information like Fuel Level, Odometer Readings, Distance to Empty (DTE) from home, office or about anywhere.
- Understand your driving behavior using detailed trip insights.
- Analyze 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 have completed.
- Perform Trip Management

Figure 28 DriveNext Screen



Figure 29 DriveNext Insights

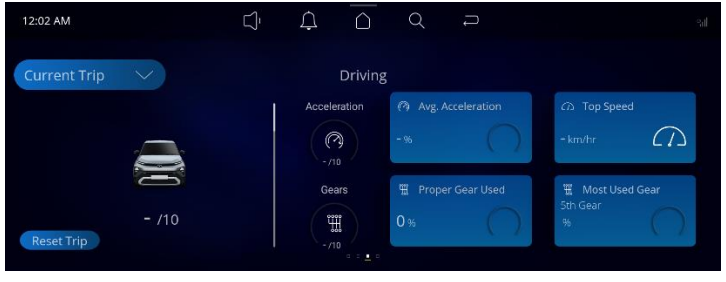


Figure 30 DriveNext Fuel Efficiency Analysis

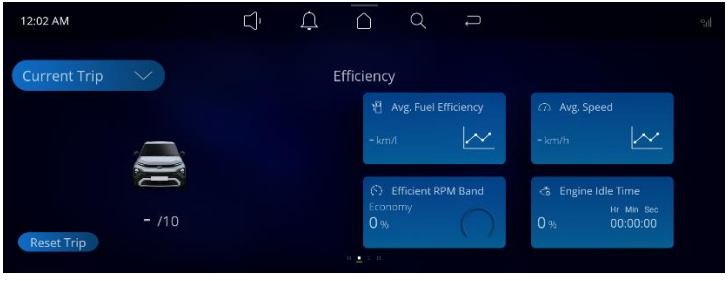
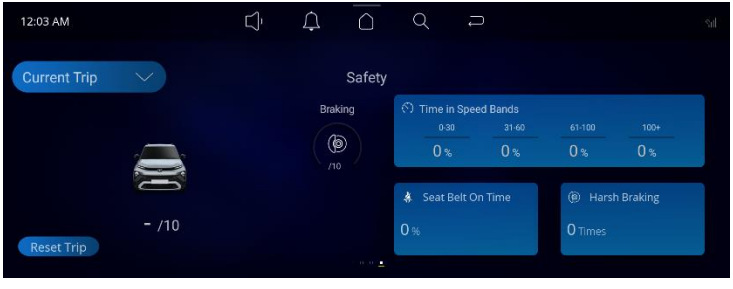


Figure 31 DriveNext Safety Details



Voice Assistant*

(**Sign denotes = If Applicable / Available feature in your car*)

The infotainment system allows you to access various media, climate, phone, and other controls using voice commands. This feature has defined Voice commands which are recognized by the Voice Assistant.

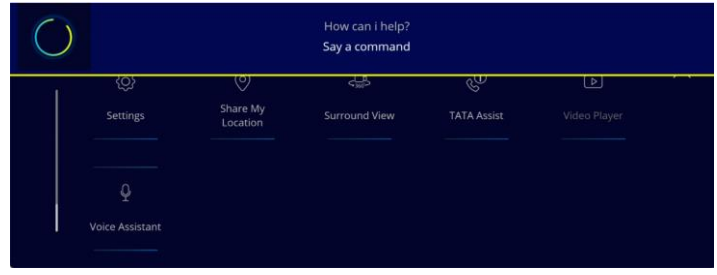
To activate the voice recognition feature:

1. Say wake-up word "Hey TATA", or "Hi TATA", or "Hello TATA" and you will be connected to a Voice Assistant or
2. Press the Voice Activation button on the Steering Wheel control element.

The system mutes/pauses the currently playing audio and you will hear a beep sound indicate the activation of the voice recognition feature.

Note: The system will start recognizing your voice commands only after the beep. So, speak 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.

Figure 32 Voice Assistant Home Screen



Language Packs

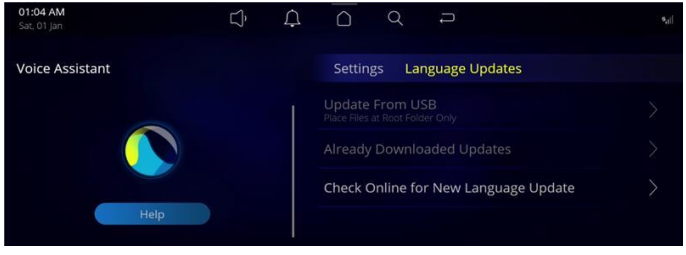
You can setup the language of the Voice Assistant and communicate in the selected language.

Go to ***Voice Assistant > Settings > Language Selection***

Select the language from following options.

1. Hindi & English

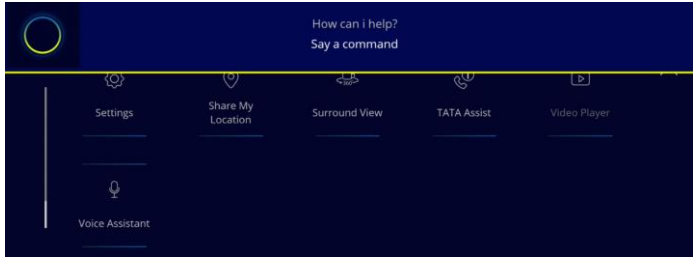
Figure 33 Voice Assistant Language Selection



Voice Assistant Live Caption

Live Caption automatically subtitles the speech or command on the screen.

Figure 34 Voice Assistant Live Caption



Voice Command Guidelines

- Only speak the commands that are listed in the "Voice Recognition Commands" section.
- 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.
-

Note: 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 recognition quality is best in this orientation

Figure 35 Voice Assistant Help

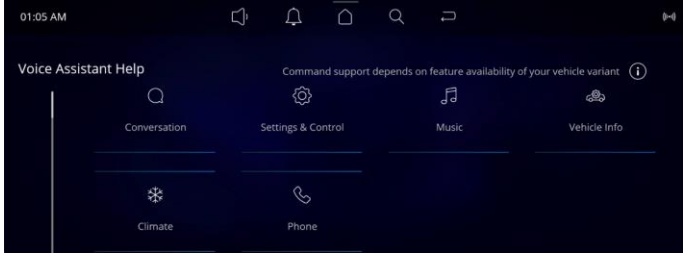


Figure 36 Voice Assistant – Generic Commands

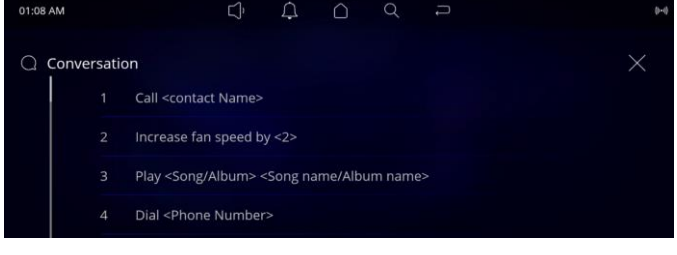


Figure 37 Voice Assistant – Phone Commands

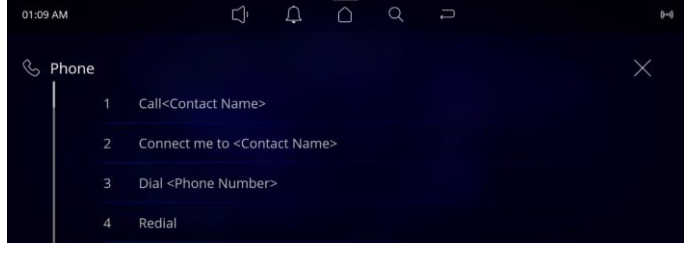


Figure 38 Voice Assistant –Media Commands

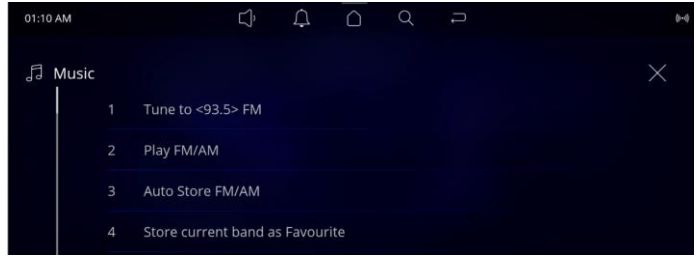
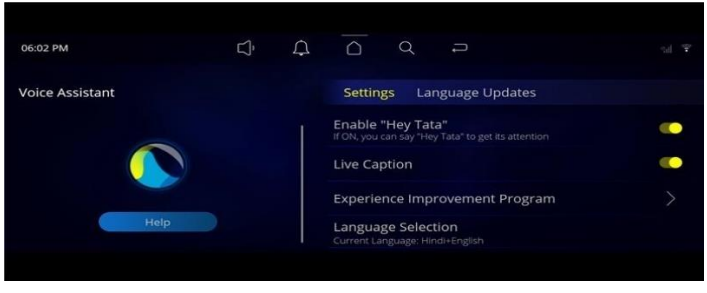


Figure 39 Voice Assistant – Settings



Voice Assistant Settings

You can setup following settings in Voice Assistant

1. **Enable Hey TATA** – To activate or get attention of Voice Assistant enable Hey TATA.

2. **Default Voice Assistant** – You can setup default voice assistant which will be active when Push to Talk button is pressed. Enable the setting to activate this feature.

3. Language Selection – You can setup the language of Communication by selecting the language from the language selection option

Voice Command List

Table 4 Voice Command List

Feature	Sub-Feature	Commands
FATC	AC ON/OFF	Start AC
		Turn OFF air condition
	Fan Speed	Reduce blower to 18
		Increase fan speed by 2
		Decrease AC fan speed
Audio	Mute/Unmute	Unmute volume
		Mute volume
		System unmute
	Volume Change	Increase volume by <number>
		Decrease volume to <Value>
		Set volume till <value>
		Up volume
		I cannot hear the music
Media	Songs	play song <song name>
		i want to hear song <song name>

Feature	Sub-Feature	Commands
Media	AM	switch to AM <frequency>
	FM	start FM <frequency>
		I want to hear FM <frequency>
		Tune to <frequency>
Phone	Call Number	call to <number>
		dial to <number>
		connect me to <number>
		i want to talk to <number>
		i want to have a word with <number>
	Call Name	call to <name>
		dial to <name>
		connect me to <name>
		i want to talk to <name>
		i want to have a word with <name>

Feature	Sub-Feature	Commands
BCM	Sunroof	open sunroof
		close sunroof
		tilt sunroof
		I want to see the Moon
		I want to see the Sun
		Show me the sky
Generic	What time is it?	tell me the time
		I want to know the time
		what is the time now
	What date is it?	what is the date
		tell me todays date
		I want to know today’s date

5.VEHICLE FUNCTIONS

The infotainment system supports handling and viewing of some vehicle feature/components controls. The following vehicle functions are operated through the infotainment system.

- Surround View Camera (SVS)
- Climate Control
- Lighting

Surround View Camera

The surround view system provides 360-degree bird view around the entire vehicle. Eliminating blind spot, this intelligent camera system delivers a wide range of benefits.

The SVS assists you during parking by combining 4 cameras placed around the vehicle for 360-degree view of the area around the car

To view a 360-degree surrounding around your car:

1. Tap App Launcher icon and select Surround View application.
2. Once the Surround view screen is displayed it is possible to select the images to display among 5 possible options
    a. Rear view and top view
    b. Front view and top view
    c. Left view and top view.
    d. Right view and top view
    e. 3D 360-degree View

Figure 40 SVS Zones



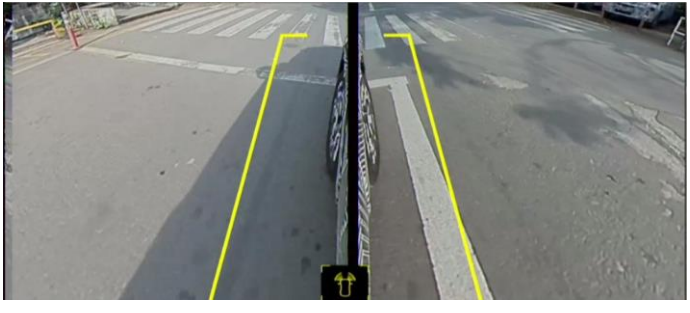
Display Options on SVS Screen

1. Tap 2D button to select the view of the camera (Front, rear, left, right) to see the respective view.
2. Tap 3D button to select the view of the camera to see

the respective view. SVS shall rotate 3D view, clockwise when left swipe and anticlockwise on right swipe. This gives the 360-degree view of the vehicle.

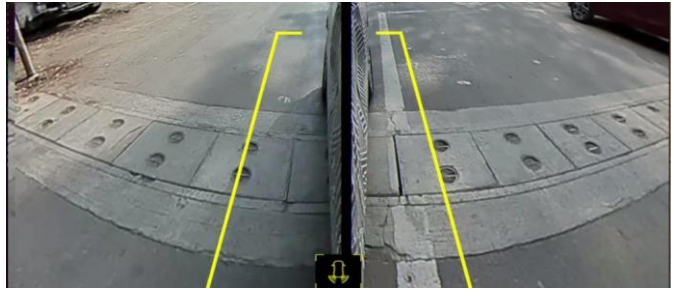
3. Tap  button to view the area close to front Left tyre and front Right tyre.

Figure 41 Front Left and Front Right Tyre View



4. Tap  button to view the area close to rear Left tyre and rear Right tyre.

Figure 42 Rear Left and Rear Right Tyre View



5. **Setting –** To setup SVS display screen tap settings  icon

6. Tap on exit to close the SVS Screen on the right bar

Climate Control

The Climate Control feature is vehicle dependent. The infotainment system displays the climate control related information in its HVAC screen, which is displayed at the right of the infotainment system screen.

Managing Climate Control

The Climate Control feature can be managed using any one of the following options.

- Climate Control Application in the Infotainment System
- HVAC Control Elements on the Vehicle Dashboard

Using Climate Control Application

Tap App launcher icon and select Climate Control application.

The screen now displays different Climate Control setting options like temperature, blower speed, ECON toggle switch and so on, which are used for managing the Climate Control of your vehicle.

Figure 43 Climate Control



1. Toggle Max, Fresh Air, AC icons to switch ON/OFF
2. Tap Auto to switch it ON. To turn OFF Auto, Tap Blower/Mode/Rear/Max
3. Tap + to increase or − to decrease the temperature or the fan speed.

Note: Fan speed ranges from 1 to 7 and temperature ranges from minimum 18 degree to maximum 30 degree.

4. Airflow icon  in the center is cyclic, tap the next icon to change it to next state.

Note: Climate control can be accessed through shortcut icon on the Status Bar

Using HVAC Control Elements on the Dashboard

The HVAC controls elements can be used to control the climate.

If any HVAC settings are changed using the HVAC control elements, the changes will be displayed in the HVAC drawer for few seconds.

Figure 44 HVAC Control Touch Buttons – Single Zone



Note: The HVAC control Touch buttons pad is based on vehicle variant.

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

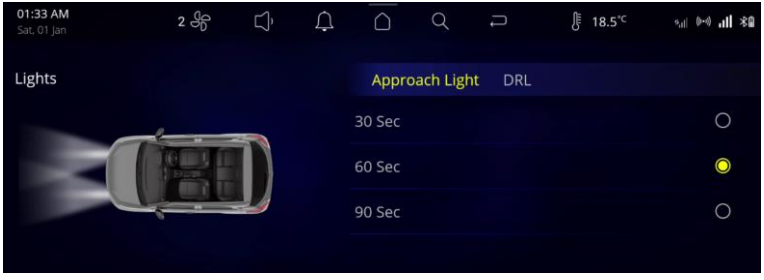
When you approach your car in the dark, you can switch on the Approach Lamps (some exterior and interior lights of the vehicle) to identify your car as well as to find your way safely to it.

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

To set the Approach lights illumination time:

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

Figure 45 Approach lamp



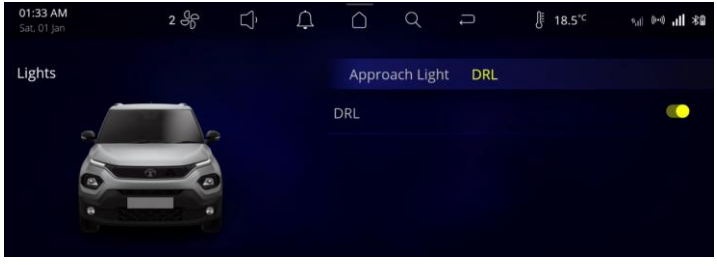
DRL (Daytime Running Lamps)

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

To ON/OFF DRL:

1. In the Vehicle Setup screen, navigate to and select the Lights option.
2. In the Lighting screen tap on DRL tap the DRL bar icon to ON/OFF DRLs.

Figure 46 Daytime Running Lamps



TATA Assist Call* (Breakdown Call)

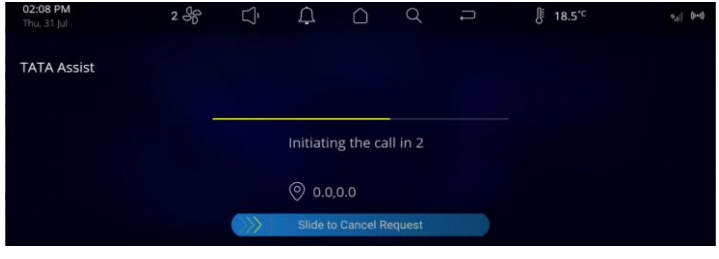
*(*Sign denotes = If Applicable / Available feature in your car)*

This provides drivers with immediate assistance in the event of a vehicle malfunction or breakdown, the system connects to TATA Motors service center.

Note: This feature requires active inbuilt internet connectivity in the car.

1. Tap the Break Call application, from the App launcher Screen.
2. Tap B Call button, the infotainment system dials the TATA Break Down Service center.
3. Swipe right on the 'Slide to End Call' bar to disconnect the call.

Figure 47 Break Down Call



Note: In case of false triggering, slide to Cancel request

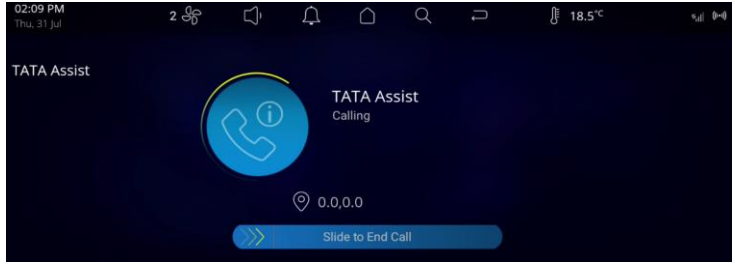
Emergency Call*

This feature is intended to provide emergency support to panicked or injured user by providing calling facility to emergency customer care department, so that the required help like police, fire department, ambulance etc. will reach to the user as early as possible.

Note: This feature requires active inbuilt internet connectivity in the car.

1. Tap the Emergency Call application, from the App launcher Screen.
2. Tap E Call button, the infotainment system dials the TATA Emergency SOS number.
3. Swipe right on the 'Slide to End Call' bar to disconnect the call.

Figure 48 Emergency Call



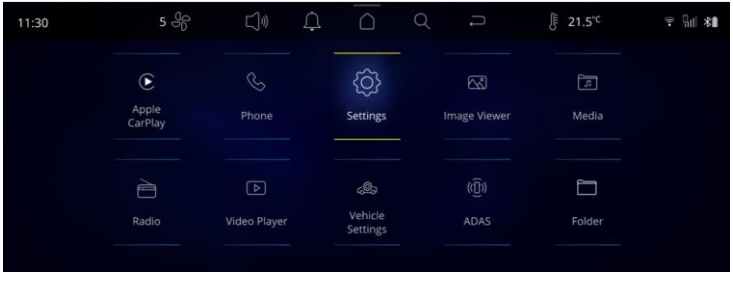
5 SETTINGS

Overview

The system allows you to view and setup the following settings from the infotainment system:

- Audio Settings
- Connectivity
- Phone Settings
- Software Update
- System

Figure 49 Settings



Audio Settings

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

- Setup Volume for Media, Phone, Ringtone and System
- Control Bass, Middle and Treble using Audio Equalizer
- Manage in-vehicle volume distribution among the speakers using Balance and Fader settings.

To access Audio Settings:

- Tap App launcher, select  Settings, the system displays the Settings screen with various settings list, navigate to Audio Settings
- Toggle between, Volume, Equalizer, Balance & Fader to setup audio.

Figure 50 Audio Settings Screen

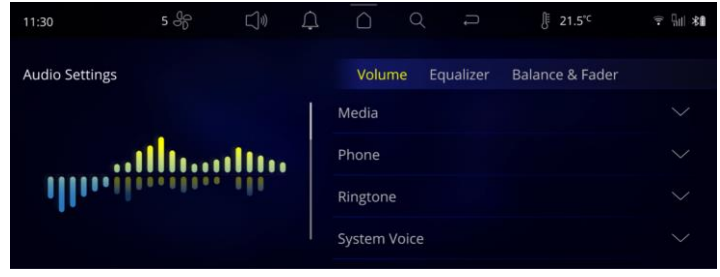
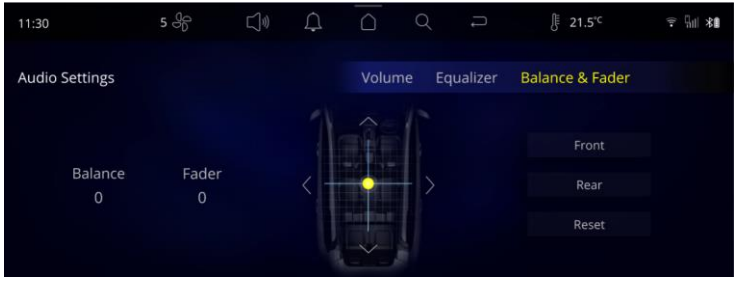
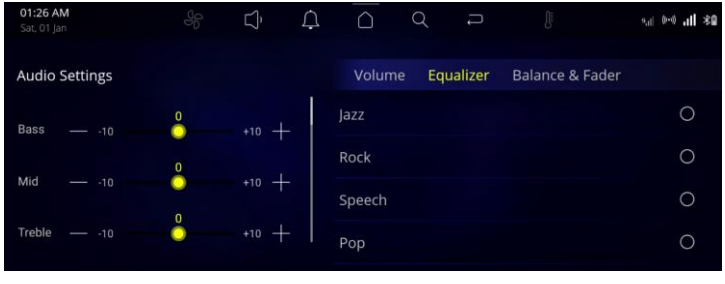


Figure 51 Audio Balance & Fader Setup Screen



Audio Balance and Fader controls adjust the strength of the sound coming from each speaker. The Balance control adjusts the side-to-side strength, while the Fader control adjusts the front-to-back strength.

Figure 52 Audio Equalizer Screen with JBL Modes



Audio Equalizer Setup is for adjusting volume of sound, bass booster, sound booster. It helps in changing the intensity of the sound of the music.

Phone Settings

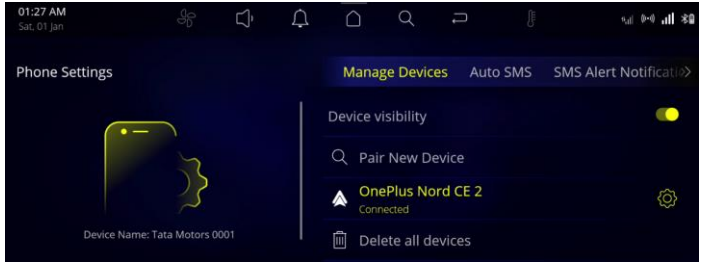
Along with telephony and basic phone related settings, system allows you to manage some advance phone functionalities like:

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

To access Phone Settings:

1. Tap App Launcher icon
2. Tap  Settings, the system displays the Settings screen with various settings list, navigate to and open Phone Settings.

Figure 53 Phone Settings Screen



SMS Alert Notification

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

- A beep with popup
- Only popup
- No notification

To enable the SMS notification

1. In the Phone Settings, navigate to and open SMS Alert Notification.
2. The system lists diverse options to handle SMS Notifications.
3. 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.

Connectivity

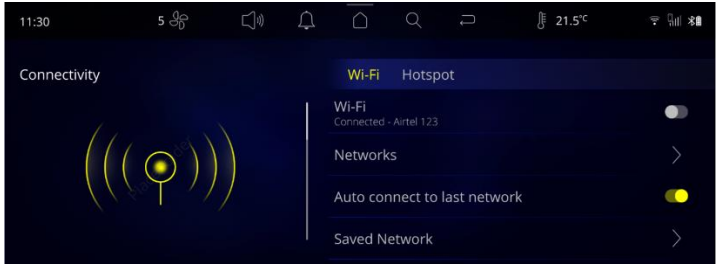
The infotainment system is Internet enabled with Wi-Fi and Hotspot features. It has an in-built internet connectivity to access internet.

Wi-Fi

To connect with internet:

1. Tap App Launcher Icon, navigate to Settings and select Connectivity.
2. Enable Wi-Fi. The system will list the available networks.
3. Select the network you want to connect, enter the password.
4. Upon authentication the system is connect with Wi-Fi

Figure 54 Wi-Fi



Hotspot

If the in-built internet connectivity feature is available, you can use the Hotspot feature to provide internet connectivity to other devices.

To provide internet access via Hotspot

1. Navigate to Connectivity Application, Enable Hotspot.
2. The system will display Hotspot Name and password.
3. Look for the same hotspot name in the device you want to connect with, enter the password and to get connected.

Figure 55 Hotspot



Software Update

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

To view the software details:

Go to Settings, the system displays the settings screen with various settings list, navigate to and open Software update App.

Following Software details are displayed:

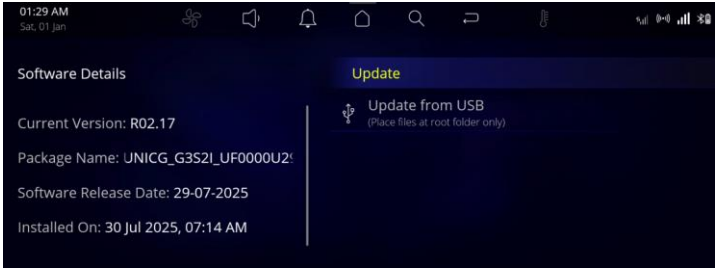
- Current Version
- Package Name
- Software Release Date
- Installation date

Updating Software

Updating the software of the system can be done when updated version of the software is available. The system notifies you when the software update is available.

You can update the software by USB

Figure 56 Software Details



System

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

- Clock – Date and Time
- Factory Reset
- Force Restart

To access System Setup:

1. Tap Settings, the system displays the Settings screen with various settings list, navigate to and open System Setup Application

Setting Date

To set the system date:

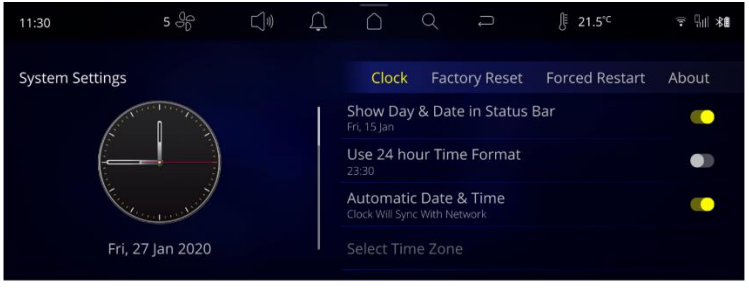
1. In the System Setup, navigate to and select the Set Date option. The system displays the Set Date screen.
2. In the Set Date screen, use the up and down arrows to change the Day, Month and Year accordingly.
3. Set the required date, tap the Set icon The selected date is set as the system date.

Setting Time

To set the system time:

1. In the System app, navigate to and select the Set Time option. The system displays the Set Time screen.
2. In the Set Time screen, use the up and down arrows to change the Hour and Minute and AM/PM (in case of 12hr format) accordingly.
3. You can change time mode to 24hr format or 12hr format.
4. Set the required time, tap the Set icon. The selected time is set as the system time.

Figure 57 Setting Time



Factory Reset

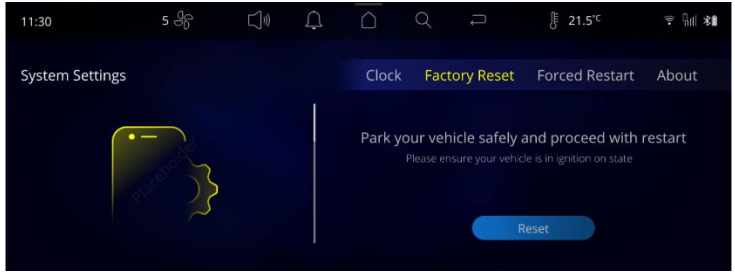
You can reset your system to factory default settings in case you are giving your vehicle to someone for temporary usage or when you are selling out your vehicle. On performing this, system will reset all personalized settings to factory default settings.

To perform Factory Reset:

1. In the System, navigate to and select the Factory Reset option. The system displays the confirmation pop-up to perform Reset.
2. On confirmation, system the system initiates the restoring to factory default settings action. The media source/radio that is currently playing will be stopped and the Phone will be disconnected.
3. Once the reset is completed, the system prompts you to switch OFF the infotainment system by doing Ignition OFF.
4. 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.

Note: Do not OFF the Ignition during the reset process is in progress.

Figure 58 Factory Reset



Hard Reset

System Reset removes all data and formats the system. To Hard reset the system

1. Press Mute button on the Steering Wheel switches for 10 sec and press source change for 10 sec, time gap between two switches should be less than 3 seconds.

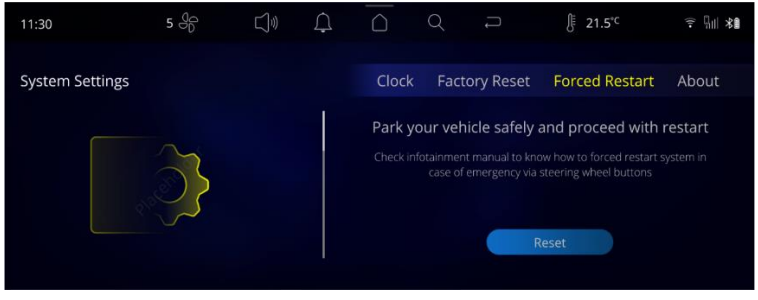
Force Restart

To force restart the infotainment system.

1. Tap Settings, Select System Settings.
2. Navigate to Force Restart Tab,
3. Tap Restart

Note: Park your vehicle safely before performing forced restart of Infotainment system

Figure 59 Force Restart



6 FREQUENTLY ASKED QUESTIONS

FAQs

Frequently asked questions related to the features and functions of the iRA infotainment system are listed below along with their answers.

1. ***I am playing the audio files in my Phone, 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?***

You can fast forward or fast rewind the track from your phone. Please check if you have 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. Fast forward and fast rewind from the infotainment system is available for USB Stick source only.

3. ***How to Play video in the infotainment system?***

Video Player 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 Stick).

4. ***From which Media sources can I play video?***

You can play video only from USB.

5. ***I am unable to connect my Phone to the infotainment system using a USB cable however, I can 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.

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

Yes, you can use other functionalities of the infotainment system when connected for Android Auto/ Apple CarPlay. However, some of the functionalities like Bluetooth setup will be unavailable.

7. ***Android Auto and Apple CarPlay can be used simultaneously?***

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

7 ABBREVIATIONS

Acronyms

Table 6. Acronyms

Term	Definition
ABS	Anti-lock Braking System
AM	Amplitude Modulation
APPS	Applications
BMP	Bitmap Image File
BT	Bluetooth
BTSA	Bluetooth Streaming Audio
ECON	Economy
FM	Frequency Modulation
HK	Hard Key
HVAC	Heating Ventilation and Air Conditioning
JPEG	Joint Photographic Experts Group
LP	Long Press
PBAP	Phone Book Access Profile
PDC	Park Distance Control
PNG	Portable Network Graphics
SVS	Surround View Camera
SP	Short Press
SWC	Steering Wheel Controls
USB	Universal Serial Bus

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