

User Manual

# **CONNECTNEXT**<sup>TM</sup>

Infotainment

Powered By

**HARMAN**

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# CONNECTNEXT® INFOTAINMENT SYSTEM USER'S MANUAL

## **Dear Customer,**

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

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

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

**We wish you a safe and connected drive!**

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## ABOUT THIS MANUAL

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

In addition, the guide contains:

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

## CONVENTIONS

### **DANGER :**

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

### **SECURITY ALERT:**

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

### **WARNING:**

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

### **CAUTION:**

Text that call for attention.

### **NOTE:**

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

**SAFETY GUIDELINES** **DANGER:**

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

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

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

**GENERAL SAFETY GUIDELINES** **WARNING:**

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

 **DANGER :**

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

 **DANGER :**

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

**SAFETY GUIDELINES WHILE DRIVING** **DANGER:**

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

 **DANGER:**

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

**SYSTEM CARE AND MAINTENANCE**

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

 **WARNING:**

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

 **WARNING:**

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

 **WARNING:**

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

**WARNING:**

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

**WARNING:**

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

**WARNING:**

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

**WARNING:**

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

**WARNING:**

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

## WARRANTY CLAUSES

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

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

## INTRODUCTION

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

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

Key features of the infotainment system include:

- 90mX40mm DSTN Dot Matrix Screen
- 4 Channel Audio
- AM and FM Tuner Bands with 6 station memories on each band
- Speed Dependent Volume Control
- Display OFF feature for distraction free night drive
- USB, iPod, Aux and Bluetooth Audio media support
- Simultaneous pairing with multiple Phone handsets (up to 10 devices) through Bluetooth for Phone and Music supports like Phone book download & Audio streaming
- Support for Turn-By-Turn (TBT) Navigation using the mobile application supported by Mapmyindia maps
- Integrated with vehicle components like FATC and Park Assist System and displays related information

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



### NOTE:

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

### CONTROL ELEMENTS OVERVIEW

The control elements, buttons and knobs, that are available on the infotainment system allows you to control the

infotainment system. It provides you with quick and easy access to the commonly used functions and options of the infotainment system.

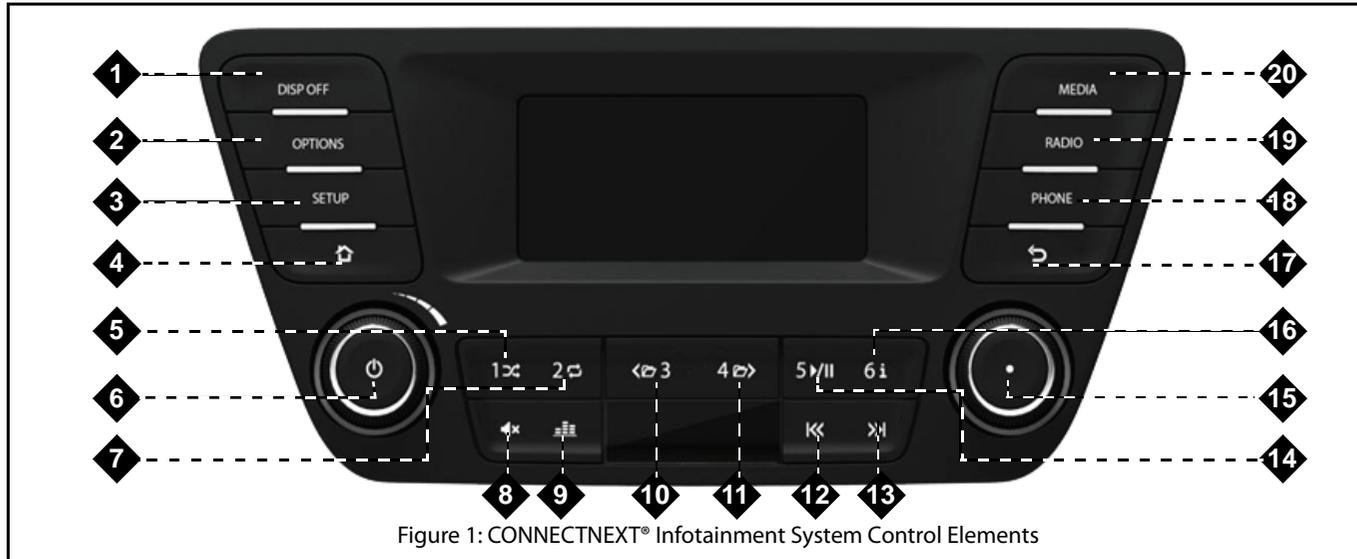


Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
1	 button	<ul style="list-style-type: none"> <li>● <b>Single Press (SP) &amp; Long Press (LP):</b> <ul style="list-style-type: none"> <li>○ Sets infotainment system display OFF, if display is ON</li> <li>○ Sets infotainment system display ON, if display is OFF</li> </ul> </li> </ul> <p> <b>NOTE:</b>            In the rest of the manual, Single Press and Long Press will be only referred as SP and LP respectively.</p>
2	 button	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Displays the options of the currently played audio source or the currently connected phone as per the selection.</li> </ul> </li> </ul>
3	 button	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Displays setup menu.</li> </ul> </li> </ul>
4	 Home button	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Displays home screen with current media/audio source playing in the background.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
5	 Preset 1 and Random button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod:</b> Sets Shuffle On i.e. random playing of songs. When pressed again, Sets Shuffle Off. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li>○ <b>USB, Bluetooth Audio:</b> Randomly plays tracks in the current folder. When pressed again, randomly plays all tracks in the media source. If pressed again, random playing of tracks is switched off and the tracks are played in sequence. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li>○ <b>Radio:</b> Plays tuner band stored as Preset 1.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Radio:</b> Stores current tuner band as Preset 1.</li> </ul> </li> </ul>
6	 Volume Rotary Knob	<ul style="list-style-type: none"> <li>• <b>Clock Wise:</b> <ul style="list-style-type: none"> <li>○ Increases the volume.</li> </ul> </li> <li>• <b>Anti-Clock Wise:</b> <ul style="list-style-type: none"> <li>○ Decreases the volume.</li> </ul> </li> <li>• <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ System Audio ON/OFF.</li> <li>○ <b>One Hour Mode System Switched ON Mode:</b> Switches OFF the infotainment system.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
7	 Preset 2 and Repeat button	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod:</b> Repeats track. When pressed again, repetition of the track is switched off. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li>○ <b>USB, Bluetooth Audio:</b> Repeats song. When pressed again, repeatedly plays all tracks in the current folder. If pressed again, repetition of tracks is switched off and the tracks are played in sequence. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li>○ <b>Radio:</b> Plays tuner band stored as Preset 2.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Radio:</b> Stores current tuner band as Preset 2.</li> </ul> </li> </ul>
8	 Mute/Unmute button	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Mute/Un Mute currently played audio/media source.</li> </ul> </li> </ul>
9	 Audio button	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Displays audio setup options.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
10	 Preset 3 and Previous Folder button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>USB and Bluetooth Audio:</b> Goes to the previous folder and starts playing tracks.</li> <li>○ <b>Radio:</b> Plays tuner band stored as Preset 3.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Radio:</b> Stores current tuner band as Preset 3.</li> </ul> </li> </ul>
11	 Preset 4 and Next Folder button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>USB and Bluetooth Audio:</b> Goes to the next folder and starts playing tracks.</li> <li>○ <b>Radio:</b> Plays tuner band stored as Preset 4.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Radio:</b> Stores current tuner band as Preset 4.</li> </ul> </li> </ul>
12	 Fast Rewind button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, and Bluetooth Audio:</b> Plays the previous track.</li> <li>○ <b>Radio:</b> Enables auto seek down.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, and Bluetooth Audio:</b> Fast rewinds the current track.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
13	 Fast Forward button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, and Bluetooth Audio:</b> Plays the next track.</li> <li>○ <b>Radio:</b> Enables auto seek up.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, and Bluetooth Audio:</b> Fast forwards the current track.</li> </ul> </li> </ul>
14	 Preset 5 and Play/Pause button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, Bluetooth Audio:</b> Pauses the currently played track. When pressed again, starts playing the track. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li>○ <b>Radio:</b> Plays tuner band stored as Preset 5.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Radio:</b> Stores current tuner band as Preset 5.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
15	 <p>Menu Rotary Knob</p>	<ul style="list-style-type: none"> <li>● <b>Clock Wise:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, and Bluetooth Audio:</b> Previews next track. On knob press, plays the track.</li> <li>○ <b>Radio:</b> Enables manual tune up of FM/AM stations.</li> <li>○ <b>Setup, Incoming and Active Phone Calls:</b> Scrolls up through a menu/list like call logs, contacts, setup options, media list or radio presets.</li> </ul> </li> <li>● <b>Anti-Clock Wise:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, and Bluetooth Audio:</b> Previews previous track. On knob press, plays the track.</li> <li>○ <b>Setup, Incoming and Active Phone Calls:</b> Scrolls down through a menu/list like call logs, contacts, setup options, media list or radio presets.</li> </ul> </li> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Selects the selection i.e. a track, a menu, an option, or a FM/AM station/preset.</li> <li>○ <b>Incoming Phone Calls:</b> Receives the incoming phone call.</li> <li>○ <b>Outgoing Phone Call:</b> Ends the outgoing phone call.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

SI No	Control Elements	Description
16	 Preset 6 and Information button	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod, USB, Bluetooth Audio:</b> Displays information regarding the current track like Track title name, Track artist name, Album name for the track, Genre of the track, Year, album/ folder number and so on.</li> <li>○ <b>Radio:</b> Plays tuner band stored as Preset 6.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Radio:</b> Stores current tuner band as Preset 6.</li> </ul> </li> </ul>
17	 Back button	<ul style="list-style-type: none"> <li>• <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Back to the previous menu, if applicable.</li> </ul> </li> </ul>
18	 button	<ul style="list-style-type: none"> <li>• <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Displays the Phone menu. If not further action is taken, returns to the mode from which the Phone button was pressed.</li> <li>○ <b>Incoming Phone Call:</b> Accepts (Connects) the Phone call.</li> <li>○ <b>Active Phone Call:</b> Displays the Phone Menu with Call Log, Contacts, and Keypad options.</li> </ul> </li> </ul>

Table 1: Infotainment System Control Elements

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

## OTHER MODES OF CONTROL

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

- Steering Wheel controls
- Infra-Red (IR) Remote controls

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

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

**NOTE:**

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

**NOTE:**

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

## STEERING WHEEL CONTROL ELEMENTS

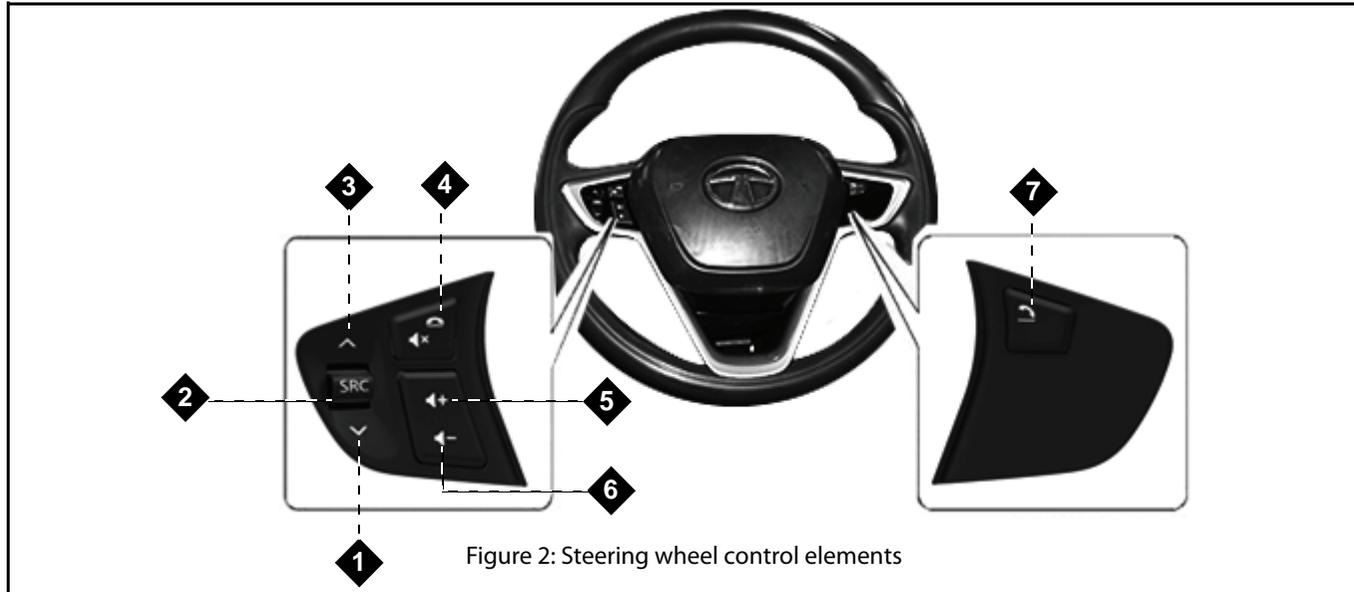


Table 2: Steering Wheel Control Elements

SI No	Control Element	Description
1	 - Seek Down	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN):</b> Opens the previous track.</li> <li>○ <b>Radio:</b> Plays Previous Radio Preset.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN &amp; Bluetooth Devices):</b> Opens the previous folder.</li> <li>○ <b>Radio:</b> Initiates Auto Seek by decreasing radio frequency until the button is pressed.</li> </ul> </li> </ul>
2	 - Audio Source Change	<ul style="list-style-type: none"> <li>● <b>Down/UP Scroll:</b> <ul style="list-style-type: none"> <li>○ Plays the media in the following sequence Previous FM station-&gt; Previous AM station-&gt;USB/iPod-&gt;Bluetooth audio streaming-&gt;AUX in.</li> </ul> </li> </ul>
3	 - Seek Up	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN):</b> Opens the next track.</li> <li>○ <b>Radio:</b> Plays Next Preset.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN &amp; Bluetooth Devices):</b> Opens the next folder.</li> <li>○ <b>Radio:</b> Initiates Auto Seek by increasing radio frequency until the button is pressed.</li> </ul> </li> </ul>

Table 2: Steering Wheel Control Elements

SI No	Control Element	Description
4a And 4b	  - Mute / Reject Phone Call	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Mutes/Unmutes the audio.</li> <li>○ <b>Incoming Phone Call:</b> Reject call.</li> <li>○ <b>Outgoing Phone Call:</b> Cancel call.</li> <li>○ <b>Active Phone Call:</b> End call.</li> </ul> </li> </ul>
5	 - Increase Volume	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ Increases volume/ring tone volume by 1 unit.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ Increases volume or ring tone volume as long as the maximum volume is reached.</li> </ul> </li> </ul>
6	 - Decrease Volume	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ Decreases volume/ring tone volume by 1 unit.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ Decreases volume/ring tone volume as long as volume value reaches 0.</li> </ul> </li> </ul>

Table 2: Steering Wheel Control Elements

SI No	Control Element	Description
7	 - Accept Phone Call / Phone Screen	<ul style="list-style-type: none"><li>● <b>SP:</b><ul style="list-style-type: none"><li>○ Displays Phone screen.</li><li>○ <b><i>Incoming Phone Call:</i></b> Accept call.</li></ul></li></ul>

### IR REMOTE CONTROL ELEMENTS

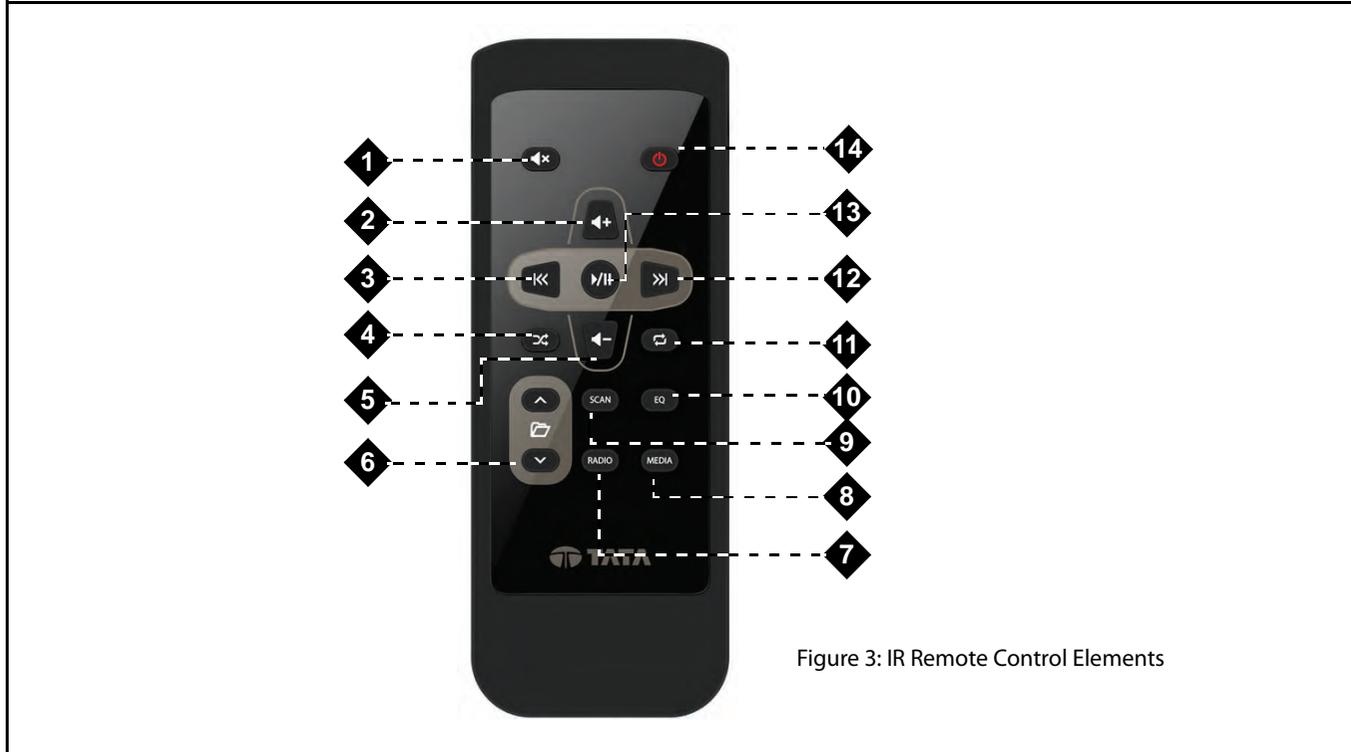


Figure 3: IR Remote Control Elements

**NOTE:**

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

**Table 3: IR Remote Control Elements**

Sl. No.	Control Element	Description
1	 - Mute	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Mutes/Unmutes the audio.</li> </ul> </li> </ul>
2	 - Increase Volume	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ Increases volume by 1 unit.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ Increases volume as long as the maximum volume is not reached.</li> </ul> </li> </ul>

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
3	 <p data-bbox="279 518 435 538">- Seek Previous</p>	<ul style="list-style-type: none"> <li data-bbox="470 362 552 382">• <b>SP:</b> <ul style="list-style-type: none"> <li data-bbox="562 391 817 411">○ Plays previous audio.</li> <li data-bbox="562 421 1199 441">○ <b>Radio:</b> Initiates Auto Seek by decreasing frequency value.</li> </ul> </li> <li data-bbox="470 456 552 476">• <b>LP:</b> <ul style="list-style-type: none"> <li data-bbox="562 485 840 505">○ Fast rewinds the audio.</li> </ul> </li> </ul>
4	 <p data-bbox="279 747 406 826">- Random Track/Folder On/Off</p>	<ul style="list-style-type: none"> <li data-bbox="470 600 609 620">• <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li data-bbox="562 630 1524 685">○ <b>iPod:</b> Sets Shuffle On i.e. random playing of songs. When pressed again, Sets Shuffle Off. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li data-bbox="562 695 1529 809">○ <b>USB:</b> Randomly plays tracks in the current folder. When pressed again, randomly plays all tracks in the media source. If pressed again, random playing of tracks is switched off and the tracks are played in sequence. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> </ul> </li> </ul>

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
5	 <p data-bbox="279 518 387 569">- Decrease Volume</p>	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ Decreases volume by 1 unit.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ Decreases volume as long as volume value reaches 0.</li> </ul> </li> </ul>
6a	 <p data-bbox="279 742 395 792">- Seek Next Folder</p>	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN):</b> Opens the next track.</li> <li>○ <b>Radio:</b> Initiates Manual Seek by increasing frequency. The seek action will be performed until the next receivable frequency is reached.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN):</b> Opens the next folder.</li> <li>○ <b>Radio:</b> Initiates Manual Seek until the button is pressed.</li> </ul> </li> </ul>

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
6b	 <p data-bbox="279 495 434 544">- Seek Previous Folder</p>	<ul style="list-style-type: none"> <li>• <b>SP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN):</b> Opens the previous track.</li> <li>○ <b>Radio:</b> Initiates Manual Seek by decreasing frequency. The seek action will be performed until the next receivable frequency is reached.</li> </ul> </li> <li>• <b>LP:</b> <ul style="list-style-type: none"> <li>○ <b>Media Types (except AUX-IN):</b> Opens the previous folder.</li> <li>○ <b>Radio:</b> Initiates Manual Seek until the button is pressed.</li> </ul> </li> </ul>
7	 <p data-bbox="279 742 399 765">- Play Radio</p>	<ul style="list-style-type: none"> <li>• <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Plays previous tuner mode.</li> <li>○ <b>Radio:</b> Displays the available radio bands. Refer to Radio chapter.</li> </ul> </li> </ul>
8	 <p data-bbox="279 941 399 965">- Play Media</p>	<ul style="list-style-type: none"> <li>• <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Plays previous active media source or plays the next media source.</li> </ul> </li> </ul>

Table 3: IR Remote Control Elements

Sl. No.	Control Element	Description
9	 - Scan Audio Source	<ul style="list-style-type: none"><li>● <b>SP &amp; LP:</b><ul style="list-style-type: none"><li>○ <b>Media Types (Except AUX-In) and Radio:</b> Scans tracks/stations in sequence and plays each of them for 10 seconds.</li></ul></li></ul>
10	 - Play Preset	<ul style="list-style-type: none"><li>● <b>SP &amp; LP:</b><ul style="list-style-type: none"><li>○ <b>Media Types and Radio:</b> Goes to next preset.</li></ul></li></ul>

**Table 3: IR Remote Control Elements**

Sl. No.	Control Element	Description
11	 - Repeat Track/ Folder	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ <b>iPod:</b> Repeats track. When pressed again, repetition of the track is switched off. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> <li>○ <b>USB and:</b> Repeats song. When pressed again, repeatedly plays all tracks in the current folder. If pressed again, repetition of tracks is switched off and the tracks are played in sequence. The infotainment system repeats this cycle when the button is repeatedly pressed.</li> </ul> </li> </ul>
12	 - Seek Next	<ul style="list-style-type: none"> <li>● <b>SP:</b> <ul style="list-style-type: none"> <li>○ Plays next audio.</li> <li>○ <b>Radio:</b> Initiates Auto Seek by increasing frequency value.</li> </ul> </li> <li>● <b>LP:</b> <ul style="list-style-type: none"> <li>○ Fast forwards the audio.</li> </ul> </li> </ul>
13	 - Play/Pause	<ul style="list-style-type: none"> <li>● <b>SP &amp; LP:</b> <ul style="list-style-type: none"> <li>○ Pauses/plays the audio.</li> </ul> </li> </ul>

Table 3: IR Remote Control Elements

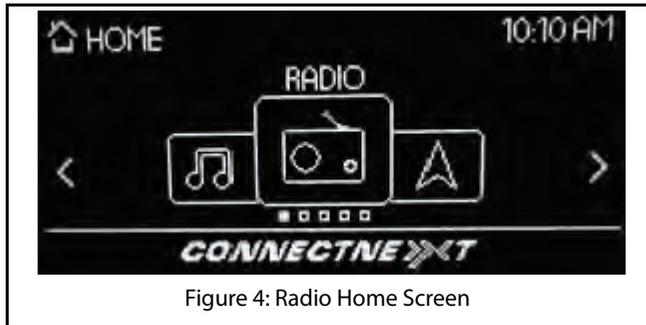
Sl. No.	Control Element	Description
14	 - System On/ Off	<ul style="list-style-type: none"><li>• <b>SP &amp; LP:</b><ul style="list-style-type: none"><li>○ The system will change to media switched ON/OFF mode.</li></ul></li></ul>

## SYSTEM USAGE

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

### CONNECTNEXT® MENU STRUCTURE

Access to any function/feature begins from the Main Menu. The main menu of the CONNECTNEXT® infotainment system has 5 menu options:



-  Radio
-  Media
-  Phone
-  Setup
-  Navigation

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

### ACCESSING THE MAIN MENU

You can view the Main Menu and its options by pressing the



button from any screen of the infotainment system.

### NAVIGATING BETWEEN ON-SCREEN OBJECTS

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



knob.

#### *Selecting an On-Screen Object*

You can select an on-screen object to:

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

#### Using Menu/Volume Rotary Knob:

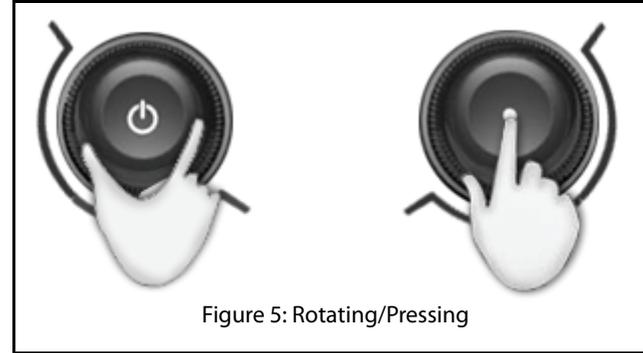


Figure 5: Rotating/Pressing

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

The system highlights the object that is currently in focus.

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

**NOTE:**

The same actions are applicable for using the  Knob.

**Scrolling Through a Menu List**

When there are many menu options, the system:

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

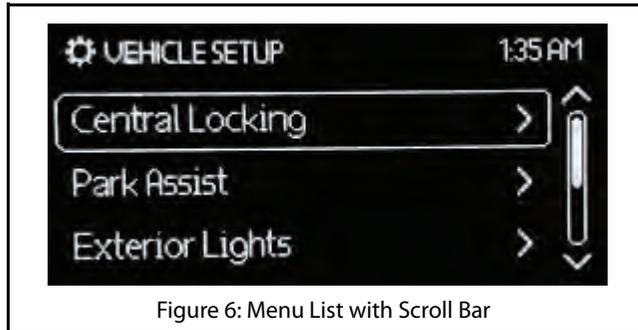


Figure 6: Menu List with Scroll Bar

**Using Menu Rotary Knob:**

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

**Modifying the Value in a Range****Using Menu Rotary Knob:**

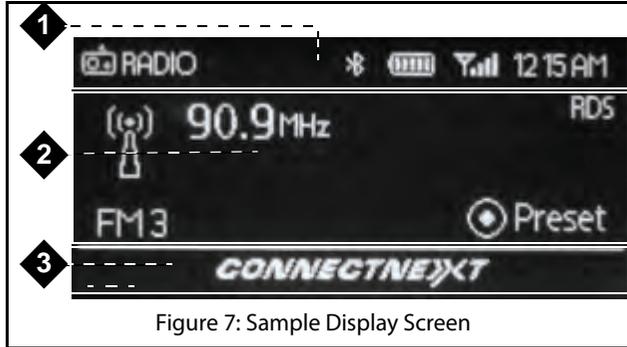
1. Use the  knob to highlight the required on-screen object, if multiple on-screen objects are available.
2. Rotate the  knob clock-wise or anti-clock-wise to increase or decrease the value.

**Going to the Parent Menu from a Submenu**

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

**Identifying the Currently Active Menu from the Display Screen**

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



1. **Header Area:** Displays menu/submenu option name, bluetooth status (only if bluetooth device connected to the infotainment system), battery power, connectivity and signal strength and time.
2. **Active Area:** Displays submenu options, information or progress of the currently selected menu function/feature.
3. **Footer Area:** Displays the current settings of the fully automatic temperature control system (only if available in the vehicle), else displays CONNECTNEXT®.

### HANDLING POPUPS

The infotainment system displays popups to:

- indicate progress of an activity - will disappear once the activity in progress ends.
- display important messages regarding system or the currently active feature - will disappear automatically after 5 seconds.
- prompt you to confirm an action before performing it - will be automatically closed and previous screen will be displayed, if no action is taken with 1 seconds.

## GETTING STARTED

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

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

## SYSTEM ON/OFF

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



### NOTE:

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

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

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

## SYSTEM ON/OFF

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

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

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

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

## MANAGE GENERAL SETTINGS

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

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



### NOTE:

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

## SETTING DATE

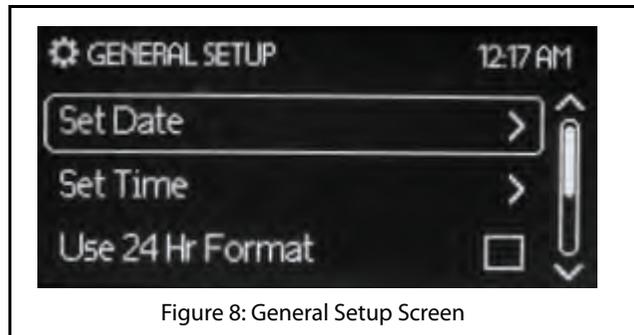


Figure 8: General Setup Screen

To set the system date:

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

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

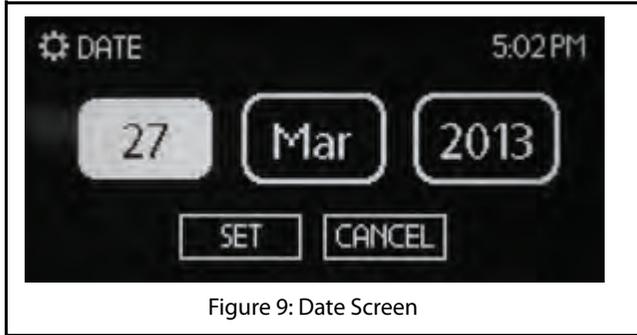


Figure 9: Date Screen

## SETTING TIME

To set the system time:

- In the **General Setup** options, navigate to and select the **Set Time** option. The system displays the Set Time screen.
- In the Set Time screen, highlight the hour field and select the required hour value.

- Highlight the minutes field and select the required minute value.
- Highlight the time period (AM/PM) field, select the required time period value.

### **NOTE:**

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

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

## *Changing the Time Format*

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

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

### **NOTE:**

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

### CLEARING PERSONAL DATA

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

- Paired and connected devices.
- Favorites contacts.

To clear the personal data stored in the system:

1. In the **General Setup** options, navigate to and select the **Clear Personal Data** option. The system displays a message popup indicating that all personal data stored on the system will be cleared.

2. In the message popup, select **Yes** to initiate the clearing action. The system clears all your personal data stored in its memory



Figure 10: Clear Personal Data Message Popup

## CHANGE AUDIO SETTINGS

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



### NOTE:

The audio settings are common to all media sources.



### NOTE:

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

## SETTING BASS, MIDDLE AND TREBLE VALUES

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

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

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

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

1. In the **Audio Setup** options, navigate to and select either Bass/Mid/Treble option. The system displays the Bass/Mid/Treble screen.
2. In the Bass/Mid/Treble screen, modify the field value by setting it to a new value in the range of -10 to+10.

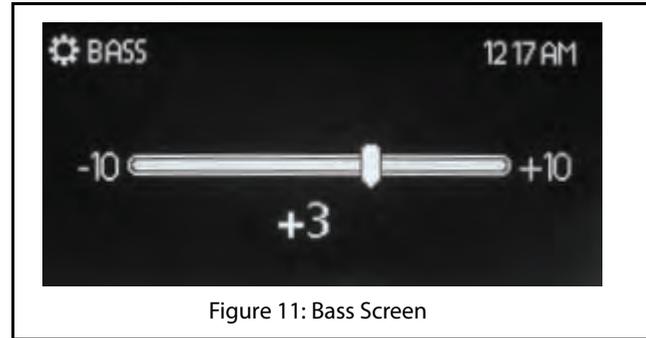


Figure 11: Bass Screen



### NOTE:

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

**SETTING BALANCE AND FADER**

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

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

To set the balance and/or fader values:

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

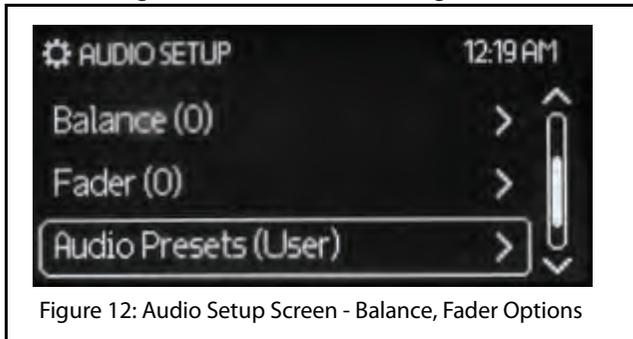


Figure 12: Audio Setup Screen - Balance, Fader Options

**NOTE:**

The default values of Balance and Fader fields are 0.

**SELECTING AN AUDIO PRESET/EQUALIZER**

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

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

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

1. In the **Audio Setup** options, navigate to and select the Audio Preset option. The system displays the available audio preset options.
2. Scroll to and select your favorite option. The system automatically changes the audio settings depending on your selection.

**NOTE:**

The system displays the selected audio preset name beside the Audio Preset/Equalizer menu option.

## CHANGE VOLUME SETTINGS

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

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

### SETTING SPEED DEPENDENT VOLUME



#### DEFINITION:

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

To set the speed dependent volume:

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

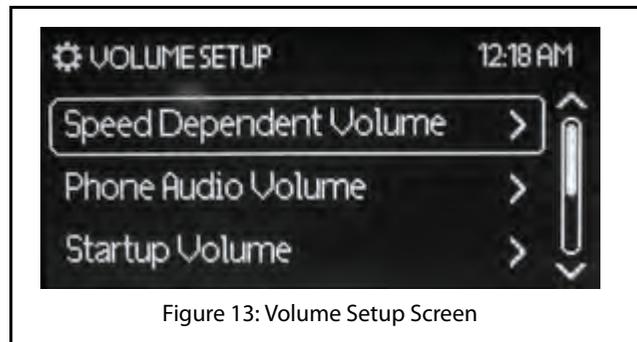


Figure 13: Volume Setup Screen

2. Modify the value of the option by setting it to a new value in the range of 0 to 5.

**NOTE:**

The default value of Speed Dependent Volume is, '3' and when set to '0' it corresponds to switching OFF the volume.

**SETTING PHONE AUDIO VOLUME**

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

To set the phone audio volume:

1. In the Volume screen, navigate to and select the **Phone Audio Volume** option. The system displays the Phone Audio Volume screen.
2. Modify the value of the option by setting it to a new value in the range of 0 to 30.

**NOTE:**

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

**SETTING STARTUP VOLUME****DEFINITION:**

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

To set the startup volume of the system:

1. In the Volume screen, navigate to and select the **Startup Volume** option. The system displays the Startup volume screen.
2. Modify the value of the option by setting it to a new value in the range of 5 to 20.

**NOTE:**

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

**NOTE:**

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

**SETTING THE AUX-IN GAIN**

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

To set the audio amplification level:

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

## RESET TO FACTORY DEFAULT

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

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

- All Setup settings like volume, audio and so on, which were changed by the user will be restored to default.
- All Bluetooth devices will be disconnected and paired devices will be deleted
- System Bluetooth name will be reset to Connectne><t.
- All media source details stored in the system will be cleared.

To reset the system to factory default settings:

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

currently played will be stopped. Phone will be disconnected.

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



### NOTE:

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

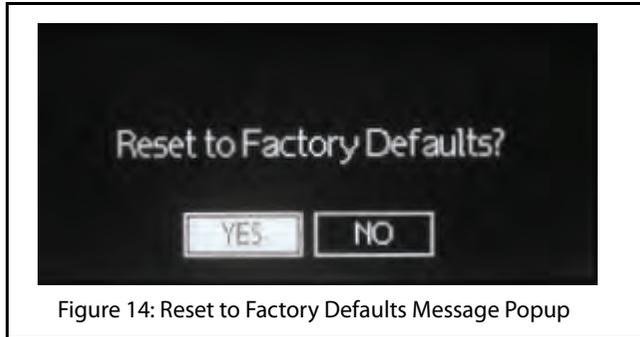


Figure 14: Reset to Factory Defaults Message Popup

## RADIO

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

### AM/FM RECEPTION LIMITATIONS

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

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

## OVERVIEW

To view the radio screen, press the **RADIO** button or select the Radio option from the Home screen.

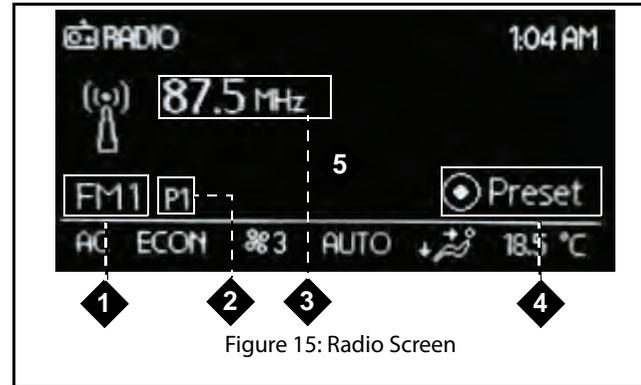


Figure 15: Radio Screen

Table 4: Radio Screen

1.	Currently active radio band (FM1/FM2/FM3/AM1/AM2)
----	---

**Table 4: Radio Screen**

2.	Current preset number.
3.	Current Station Frequency
4.	Preset browse button
5.	Area where additional information like RDS information, action currently in progress and so on.

## RADIO OPERATIONS

The system allows you to perform the following radio operations:

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

### CHANGING THE RADIO BAND

To change the radio band:

1. In the Radio Screen, press the  button. The system displays the various radio bands as menu options.
2. Select the required radio band. The system displays the details of the selected radio band.

### *Increasing/Decreasing Radio Volume*

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

## TUNING RADIO STATIONS

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

### *Manually Tuning a Radio Station*

To manually tune radio stations:

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

### *Auto Tuning a Radio Station*

To auto tune radio stations:

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

### Stopping Auto Tuning

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

To stop the auto tuning action manually:

1. Press any button.

### Scanning Radio Stations



#### DEFINITION:

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

To scan through the radio stations.

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



#### NOTE:

To stop the scanning action manually, press any button.



#### NOTE:

To cancel the scanning action, press the



knob.



Figure 16: Radio Stations Auto Scanning

## HANDLING PRESETS



### **DEFINITION:**

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

The infotainment system supports 6 presets per radio band.

### **Storing Presets**

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

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

**Auto Storing Presets****DEFINITION:**

The infotainment system allows you to automatically search and store available radio stations as presets. When initiated, the Auto Store feature priorities and stores the available stations in the presets depending on the strength of their signal i.e. the station with the highest signal strength will be stored in Preset 1.

To enable auto search and storing of presets:

1. In the Radio screen, press the **OPTIONS** button. The system displays the radio options.
2. From the radio options, navigate to and select **Autostore**. The system search for the available radio stations and when found stores the stations as the presets for the current radio band (AM/FM). When radio stations have been stored in all presets or if

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



Figure 17: Presets Auto Store

**Playing a Preset**

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

1. Press the **RADIO** button. the system displays the Radio screen.
2. Change to the required radio band, if not already displayed.
3. Press (short press) the required preset button (1 to 6).

 **NOTE:**

You can also play a preset by browsing through the available presets using the

 and the  Steering Wheel control elements or IR Remote control elements and pressing the  knob to play it.

**BROWSING THROUGH THE PRESETS**

To browse through the preset list:

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

 **NOTE:**

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

### MEDIA

The CONNECTNEXT® infotainment system supports the following media sources from which you can play music:

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

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

### OVERVIEW

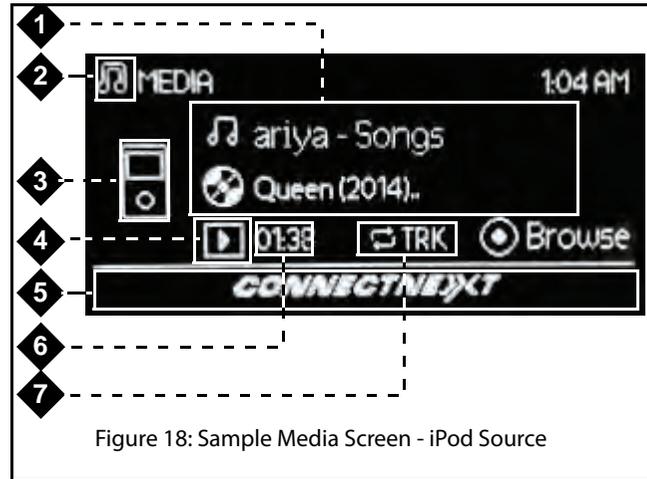


Figure 18: Sample Media Screen - iPod Source

**Table 5: Media Screen**

1.	Current Active Track Information
2.	Feature Icon

**Table 5: Media Screen**

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

**NOTE:**

For Bluetooth media source devices, the Media screen options will vary depending on the AVRCP version of the device. For devices with AVRCP 1.3 and above, the system displays the device name, the current active track name, and the play/pause icon. For devices with AVRCP below 1.3, the system only displays the device name and the play/pause icon. Please note that behavior on Bluetooth profiles can vary from device to device. Please check your phone user manual for more details.

### PLAYING A MEDIA SOURCE

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

- By inserting/connecting a media source device to the vehicle
- By selecting a media source type from the Media Sources menu options

### CONNECTING TO A MEDIA SOURCE

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



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

Bluetooth devices do not require any physical connection to the vehicle or system. Once you enable the Bluetooth feature

in the media device and the system, both the devices can be connected and paired with each other.



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

### PLAYING MEDIA SOURCE AUTOMATICALLY

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

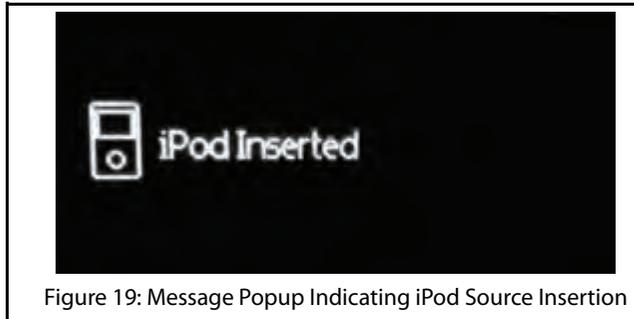


Figure 19: Message Popup Indicating iPod Source Insertion

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



### NOTE:

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

### SELECTING A MEDIA SOURCE

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

To select the required media source:

1. Press the **MEDIA** button. The system displays the Media screen and plays the track that was played last, if the source is still connected.

 **NOTE:**

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

Only sources that are currently connected to the infotainment system can be played when selected. The

sources that have the check box beside their name are currently available for playing. I

 **NOTE:**

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

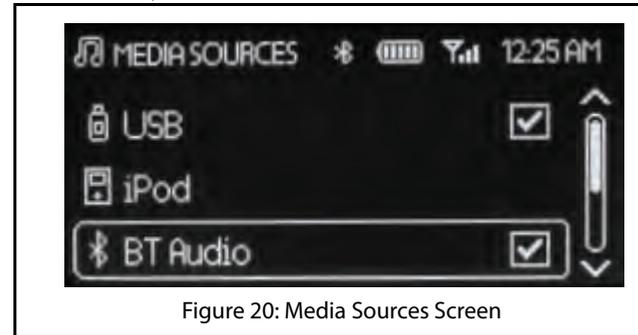


Figure 20: Media Sources Screen

**MUSIC RELATED FUNCTIONS**

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

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

**PAUSING/PLAYING MUSIC**

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

To pause playing of music:

1. In the Media screen when a track is playing, press the

 button. The system pauses playing the music and the button changes to a Play icon.

Repeat the step to restart playing the music.

**NOTE:**

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

**NOTE:**

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

**HANDLING MUSIC VOLUME**

The infotainment system allows you to:

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

***Increasing/decreasing volume***

To increase /decrease the volume of the music:

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



**NOTE:**

You can also use the  and the

 control elements on the Steering Wheel or the IR Remote Control to increase/decrease the volume.

### *Muting/un-muting volume*

To mute/un-mute volume:

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



**NOTE:**

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

### REPEATING TRACK/FOLDER

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

To repeat a track or tracks in a folder:

1. When in the Media screen, press the  button. The system repeats the current track. When you press the button again, the system repeats the tracks in the current folder. If you press the button for the third time, the repeat action is stopped.



**NOTE:**

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



**NOTE:**

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

 **NOTE:**

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

 **NOTE:**

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

**PLAYING TRACKS RANDOMLY**

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

To randomly play music tracks:

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

 **NOTE:**

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

 **NOTE:**

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

 **NOTE:**

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

 **NOTE:**

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

### PLAYING NEXT/PREVIOUS MUSIC TRACKS

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

To play the next/previous music tracks:

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

 **NOTE:**

You can also do a SP of the  or

the  IR Remote control

elements or press the  and the

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

 **NOTE:**

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

 **NOTE:**

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

### PERFORM FAST FORWARD/FAST REWIND

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

To fast forward or fast rewind:

1. From within the Media screen, LP the  or the  button. The system fast forwards or fast rewinds the music tracks until the button is released

and the action is stopped. The system plays the music track that is in focus when the action is stopped.



**NOTE:**

You can also do a LP of the  or

the  IR Remote control elements to fast rewind or fast forward music tracks respectively.



**NOTE:**

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



**NOTE:**

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

### PLAYING NEXT/PREVIOUS FOLDER

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

To shift to the next/previous folder:

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



**NOTE:**

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

 **NOTE:**

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

 **NOTE:**

The information displayed by the functionality is dependent on the information stored in the music track and supported by the media source device.

### VIEWING MUSIC TRACK INFORMATION

To view the details of a music track:

1. When the music track is played, press the **6i** button. The system displays the Song Info of the track, which contains details like, Song name, Artist, Album, Genre, Year, Album number, Track number and so on.

 **NOTE:**

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

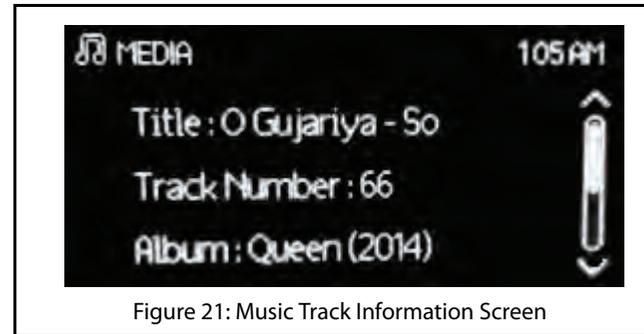


Figure 21: Music Track Information Screen

### BROWSING THROUGH THE MEDIA CONTENT

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

**NOTE:**

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

To browse through the media content:

1. In the Media screen, select the Browse button. The system displays the Browse screen with applicable categories list.

**NOTE:**

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

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

**SCANNING THROUGH THE MEDIA DEVICE****DEFINITION:**

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

**NOTE:**

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

To scan through a media device:

1. When in the Media screen, press the **OPTIONS** button. The system displays the Options screen.
2. Navigate to and select the **Scan** option. The system displays the Scanning in progress screen and plays

each track until the scanning is stopped for 10 seconds. the name of the currently played track is also displayed in the screen.

 **NOTE:**

You can also initiate scanning of the

Media device by pressing the  
IR Remote control element.



 **NOTE:**

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

 **NOTE:**

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

### Stopping Media Device Scanning

To stop scanning of the media device:



Figure 22: Media Source Scanning in Progress

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

**PHONE**

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

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

**NOTE:**

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

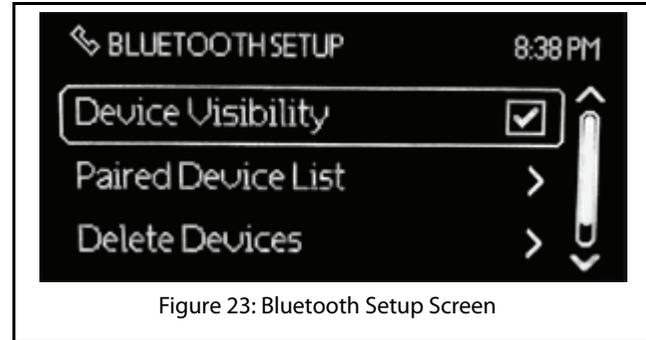


Figure 23: Bluetooth Setup Screen

### PAIR DEVICES

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

At a time, only 1 Phone can be connected to the Infotainment System, although a maximum of 10 devices can be paired.

Pairing can be initialized only from your phone, when the Device Visibility option is enabled in the CONNECTNEXT® infotainment system. The default state of the device visibility is 'Enabled'. Connection/disconnection of the phone with the system can also be controlled only from the phone.

To pair your phone and the infotainment system:

1. Initiate pairing from your phone. The system prompts you to confirm the bluetooth pin of the phone.

2. Select **Yes**. The system initiates the pairing of the infotainment system and your phone. If the pairing of the phone and the infotainment system was successful, the system displays the phone in the Paired Devices screen. A copy of your phone data like phone book (phone numbers and other contact details) is also created in the system.



#### **NOTE:**

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

**GUIDELINES FOR PAIRING DEVICES**

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

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

**TROUBLESHOOTING STEPS FOR PAIRING DEVICES**

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

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

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

- Compatibility with 3rd party phones depends on the Bluetooth standards, Bluetooth versions, OS version and

application software deployed on the phone by its manufacturer. So, the Bluetooth functions on your phone may not support pairing of devices or is not compatible with the infotainment system due to the differences in Bluetooth software versions.

- It is recommended that you update the firmware of your phone when you receive a message from the phone manufacturer prompting you to upgrade, as these upgrades are meant to provide the latest and more defect free software to you.
- Generally Bluetooth SIG certified phones are known to work reliably with the infotainment system. Please check if your phone complies with the Bluetooth standards.

## MANAGE PAIRED DEVICES

The infotainment system allows you to:

- View the list of devices paired to it
- Delete paired devices

### VIEW PAIRED DEVICES

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

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

### CONNECT/DISCONNECT A PAIRED DEVICE



Figure 24: Device Paired for Both Phone and Music

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

## DELETE PAIRED DEVICES

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

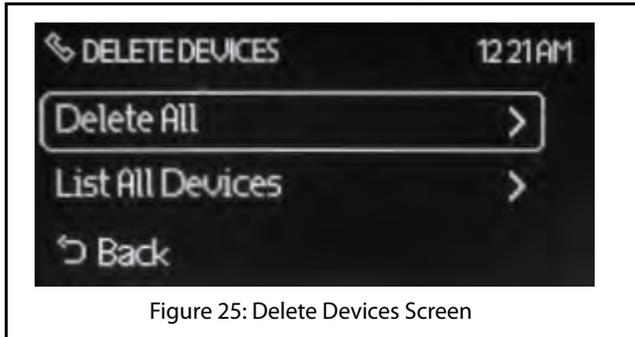


Figure 25: Delete Devices Screen

### Deleting All Paired Devices

To delete all paired device:

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

3. Select **Yes**. The system deletes all devices paired with the infotainment system.

### Deleting a Paired Device

To delete a paired device:

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

#### **NOTE:**

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

## PHONE FUNCTIONS

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

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

### VIEWING PHONE DETAILS

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

### VIEWING CALL LOGS

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

To view the call list:

1. Press the **PHONE** button. The system displays the Phone submenu options.

**NOTE:**

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

 **NOTE:**

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

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

 **NOTE:**

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

### VIEWING PHONE BOOK

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

To view the contacts:

1. Press the **PHONE** button. The system displays the Phone submenu options.
2. In the phone submenu options, navigate to and select the **Contacts** option. The system displays the Contacts screen with the list of contacts stored in your phone book.

 **NOTE:**

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

 **NOTE:**

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

**MAKING AN OUTGOING CALL**

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

- Dialling the phone number manually
- Dialling by selecting the phone number from the phone book
- Dialling by selecting the phone number from the call list



Figure 26: Outgoing Call Screen

***Manually Dialling a Phone Number***

To make a call by manually dialling a phone number:

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

**NOTE:**

Refer to the [Viewing Call List](#) section for information on displaying the phone submenu options.

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

**NOTE:**

To delete an incorrect entry, use the



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

### *Dialling Using the Phone Book*

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

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

### *Dialling Using the Call Log*

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

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

### **ACCEPTING/REJECTING AN INCOMING PHONE CALL**

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

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

To accept the incoming call:

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



You can also accept the call using the



Steering Wheel control.

To reject the incoming call:

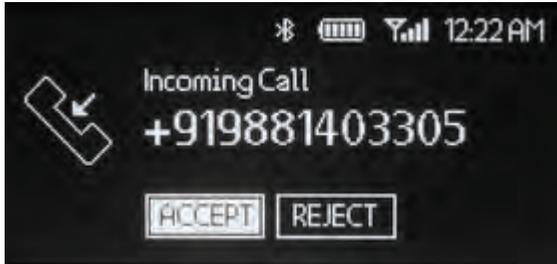


Figure 27: Incoming Call Screen

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



**NOTE:**

You can also reject the call using the



Steering Wheel control.

### HANDLING IN-CALL FUNCTIONS

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

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

### ***Responding to the IVR***

When you have called a contact with Interactive Voice Response (IVR) like customer care number of bank and so on, you will have to enter some details through the phone. For example, you might have to enter your bank account number, when prompted by the IVR. You can use the Keypad in-call option to enter such details through the infotainment system.

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

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

### ***Putting a Call on Hold***

To put a call on hold:

1. In the active call screen, navigate to and select the **Hold** button. The system puts the currently active call on hold.

### ***Switching Between Handset and Hands-Free***

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

To toggle between phone and system:

1. In the active call screen, navigate to and select the **Handset** button to switch the call from system to phone or the **Handsfree** button to switch from phone to system.

### ***Accepting Another Incoming Call***

When you are in an active call and receive another incoming call, you can put the active call on hold and accept the 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 and Reject buttons, when you receive a new incoming call. Select the **Accept** button in the new call popup message. The system puts the first call on hold and activates the new call.

### ***Switching Between Calls***

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

To switch between calls:

1. In the active call screen, select the **Swap** button. The system puts the active call on hold and activates the

second call, which was on hold till then. To activate the previous call, follow the same step.



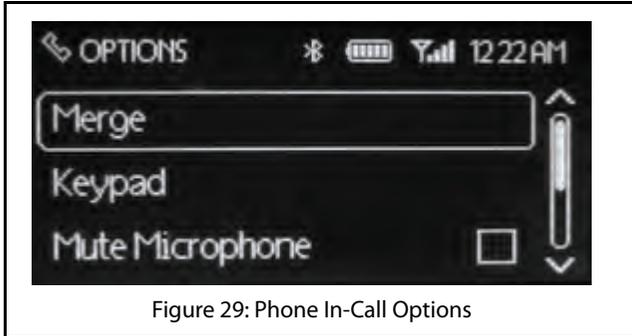
Figure 28: Switching Between Calls

### ***Conducting a Conference Call***

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

To create a conference call by dialling additional number:

1. In the active call screen, press the **OPTIONS** button. The system puts the active call on hold and displays the in-call Options menu.
2. In the in-call Options menu, navigate to and select the **Add Call** option. The displays the Add Call submenu with options to dial the additional number from the Contacts, Call Log or Dial (Keypad).
3. Follow the steps listed in the [Making an Outgoing Call](#) section for dialling a number using the various options. The system initiates an outgoing call for the selected number.
4. In the new call screen, press the **OPTIONS** button. The system displays the Options menu with options to handle the 2 calls (one on hold and one new call).
5. In the Options menu, navigate to and select the **Merge** option. The system merges the 2 calls to create a conference call. The first call is activated before merger.



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

1. Accept a new incoming call as detailed in the [Accepting Another Incoming Call](#) section.
2. In the new call screen, press the **OPTIONS** button. The system displays the Options menu with options to handle the 2 calls (one on hold and one new call).
3. In the Options menu, navigate to and select the **Merge** option. The system merges the 2 calls to create a conference call. The first call is activated before merger.

### ***Muting the Microphone***

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

To mute the microphone,

1. In the active call screen, press the **OPTIONS** button.  
The system displays the Options menu.
2. In the Options menu, navigate to and select the Mute Microphone option. The system selects the check box beside the option and puts the call on mute.

#### **NOTE:**

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

### ***Ending a Call***

To end an active call:

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

#### **NOTE:**

You can also end the active call using the



Steering Wheel control.

## TURN-BY-TURN NAVIGATION

### GENERAL INFORMATION

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

### MOBILE NAVIGATION APP VS EMBEDDED NAVIGATION SYSTEMS

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

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

The latest Mobile based Navigation Apps eradicate these drawbacks. They are comparatively cheaper and as they are

Internet based, they can be upgraded with new or latest maps when ever required.

The path breaking Turn-By-Turn (TBT) Navigation feature of the CONNECTNEXT® Infotainment System allows you to take advantage of these benefits of a Mobile based Navigation app.

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



#### NOTE:

All navigation functions of NaviMaps App that are available through your smartphone device may not be available through the infotainment system. Refer to the [CONNECTNEXT® NAVI Limitations](#) section for more information on the limitations.

### **TRAFFIC RULES AND ROAD SAFETY**

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

### **SAFETY TIPS**

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

## INSTALLING APPS FOR NAVIGATION

The CONNECTNEXT® TBT Navigation feature requires the installation of the following 3 Mobile Apps that can be downloaded from your smartphone Google Android Play Store:

- **NaviMaps App:** This is the navigation application.
- **ConnectNext App** and **ConnectNext Service App:** These applications are responsible for establishing the connection between your smartphone and your vehicle CONNECTNEXT® infotainment system.

### INSTALL TO CONNECTNEXT APPS

The ConnectNext apps are required for connecting to the NaviMaps app on your smart phone and displaying the TBT navigation directions on your vehicle CONNECTNEXT® infotainment system.

To install the ConnectNext apps:

1. Open the Play Store on your Android based smartphone.

2. Search for the ConnectNext App. Both the ConnectNext and ConnectNext Service apps will be listed.
3. Tap the ConnectNext app icon. The app page is displayed.
4. Tap the **Get** button. The Install button is displayed.
5. Tap the **Install** button. The app is downloaded and installed on your smartphone. The ConnectNext app icon is displayed on your smartphone.

Once the ConnectNext app is installed, you will be automatically redirected to install the ConnectNext Service app. The steps for installing the ConnectNext Service app is similar to the ConnectNext app installation steps.



Figure 31: Redirecting Message for ConnectNext Service App



**NOTE:**

No separate icon will be displayed on your smartphone for the ConnectNext Service app.

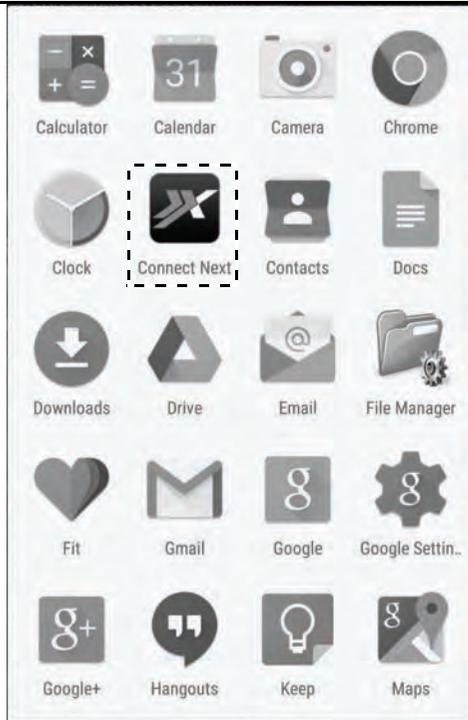


Figure 32: ConnectNext App Icon on the Smartphone

### INSTALL NAVIMAPS APP

To install the NaviMaps App:

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

### *Installing Navigation Maps*

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

- East
- South
- North
- Central

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

### CONNECT TO THE INFOTAINMENT SYSTEM

To connect to the infotainment system:



1. Tap the  app icon on your smartphone. the ConnectNext app screen is displayed.



Figure 33: ConnectNext App Screen

- Using the Bluetooth option of your smartphone, connect your smartphone installed with the required applications to the vehicle infotainment system. Refer to the [Pair Devices](#) section, for the steps to connect your smartphone to the infotainment system.

A connection enabled/disabled indicator is displayed in the ConnectNext app screen. If disabled, retry connecting your smartphone to the infotainment system.

 **NOTE:**

Ensure the availability of Internet connection on your smartphone, while connecting to the infotainment system. This ensures successful completion of the authentication process and the unlocking of the premium functionalities.

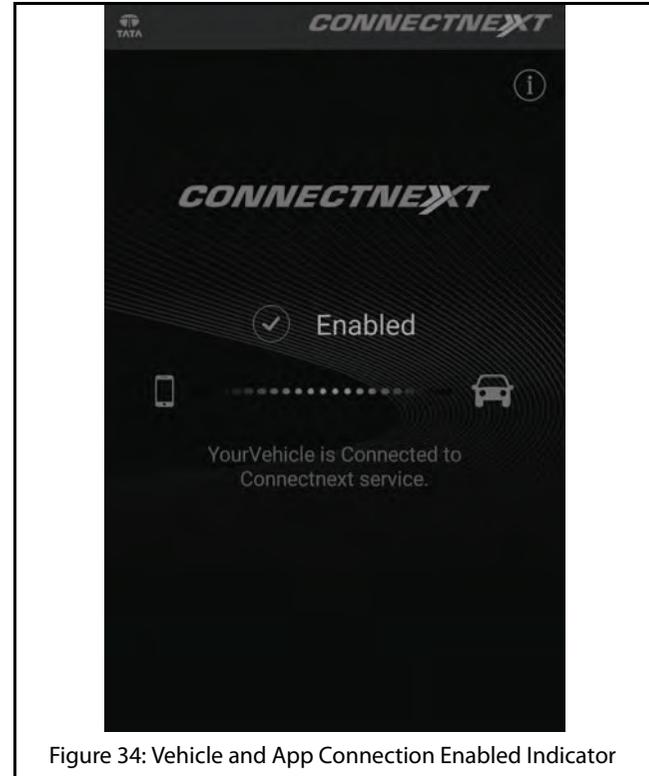


Figure 34: Vehicle and App Connection Enabled Indicator

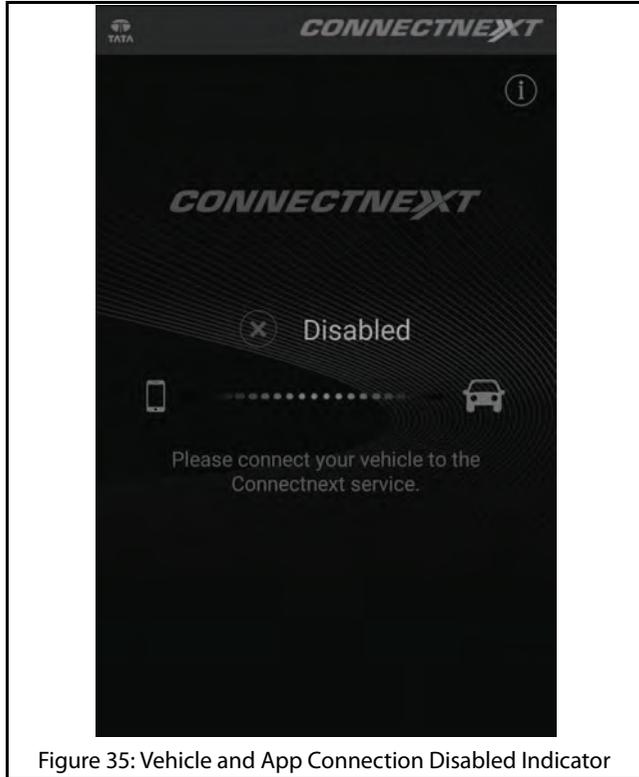


Figure 35: Vehicle and App Connection Disabled Indicator

 **NOTE:**

You can view the details of the ConnectNext app and the ConnectNext

Service app by tapping the  icon on the right top corner of the ConnectNext app screen.

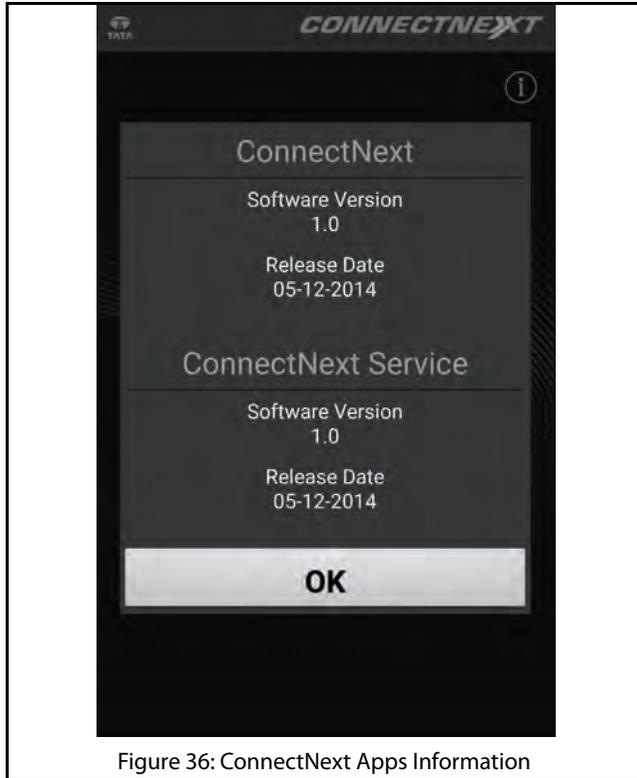


Figure 36: ConnectNext Apps Information

### UNLOCK NAVIMAPS PREMIUM FUNCTIONALITIES

To unlock the NaviMaps app premium functionalities:

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

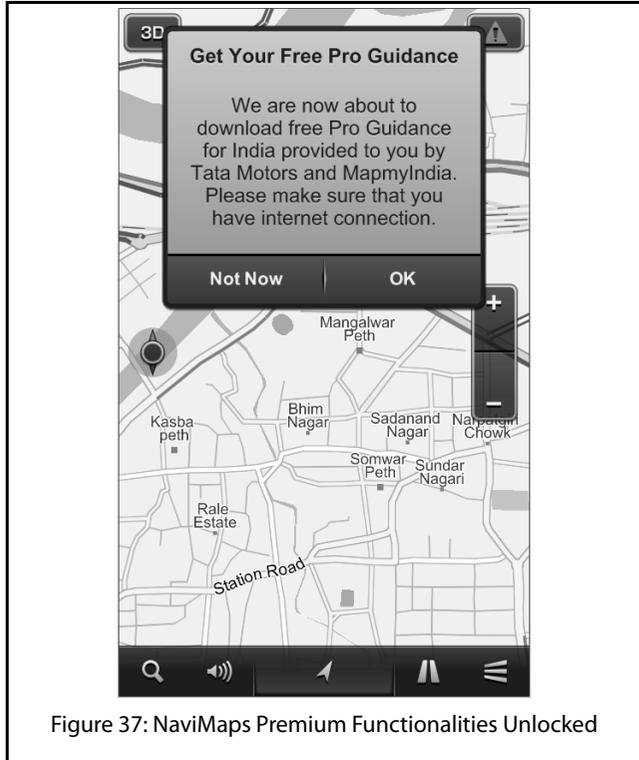


Figure 37: NaviMaps Premium Functionalities Unlocked

 **NOTE:**

You can unlock the premium functionalities of NaviMaps for free on 4 of your smartphones. If the functionality is required on more than 4 phones, you need to purchase the function through In-App Purchase.

2. If Voice Guidance is unavailable on your smartphone,

an information  icon is displayed above the volume icon of the NaviMaps app Map screen.

3. Tap the information icon. The system displays a voice guidance unavailable message and prompts you to get voice guidance.

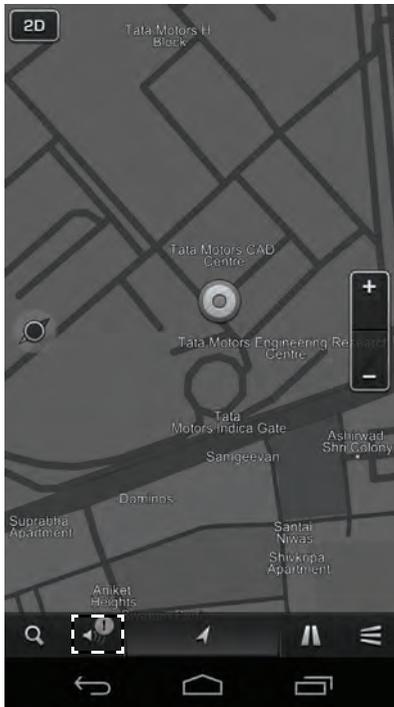


Figure 38: Maps Screen with No Voice Guidance

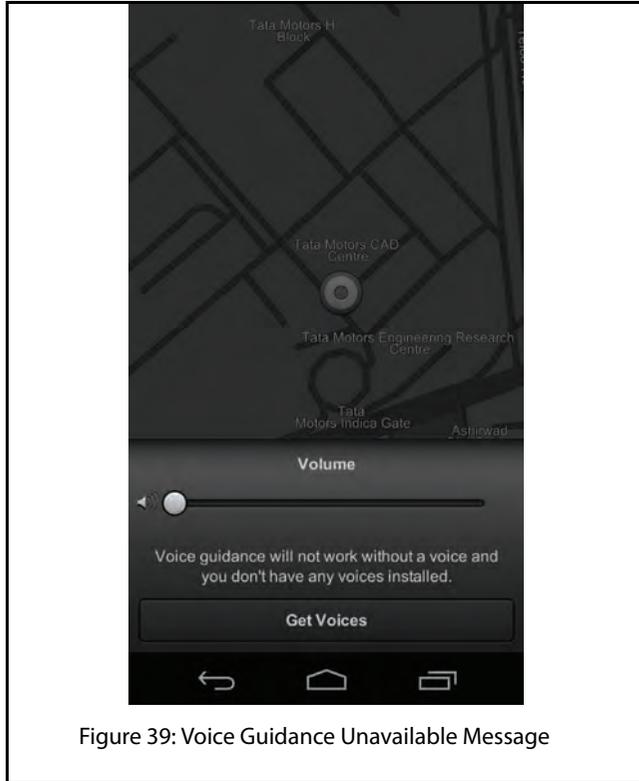


Figure 39: Voice Guidance Unavailable Message

4. Tap on the **Get Voices** button. The More Voices screen is displayed with a list of voice guidances that can be downloaded on your smartphone.

 **NOTE:**

After downloading and installing a voice guidance, the Get Voices button will be displayed as **More Voices**.

5. In the More Voices screen, tap the voice guidance of your choice. The Voice Info screen with details of the selected voice guidance will be displayed.

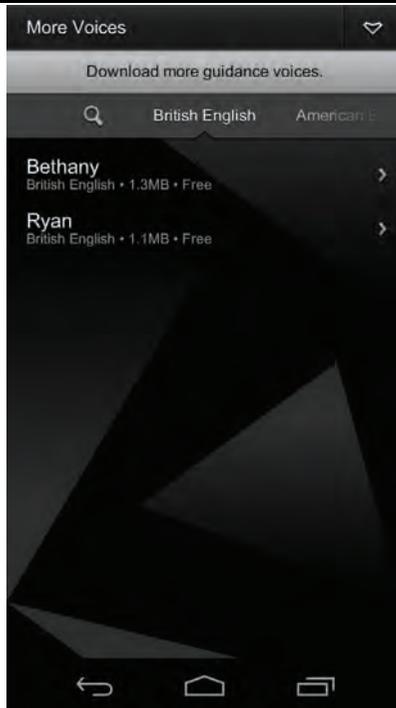


Figure 40: More Voices Screen

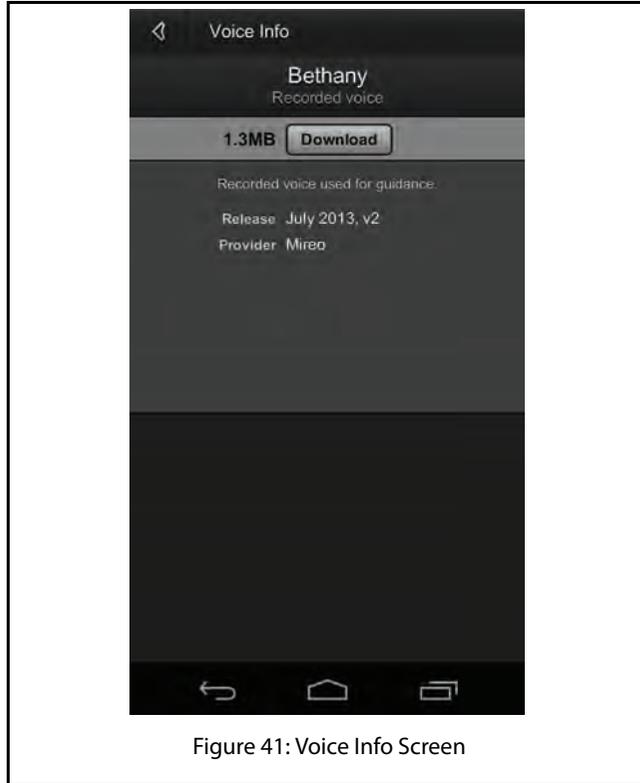


Figure 41: Voice Info Screen

6. In the Voice Info screen, tap **Download**. The voice guidance will be downloaded on your smartphone and you can hear to voice prompts in addition to viewing the navigation.

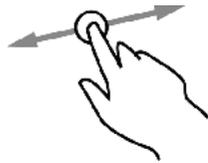
## NAVIMAPS GETTING STARTED

### TOUCH OPERATIONS USED IN THE MOBILE APP

You can perform multiple activities in the NaviMaps app by doing some touch operations using your fingers on your mobile phone. A touch operation can render different results in the Map view and in the Menu pages.

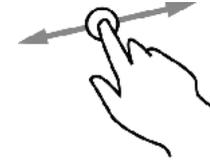
#### *Touch Operations in Map View*

**Selecting an Item:** Tap the screen surface once with a fingertip to select a button on the Control Bar,



drag a map icon and so on.

**Panning the Map:** Move or quickly brush your fingertip



across the screen surface to pan across the map.

to pan across the map.

**Zooming In:** Touch and continue pressing a point



view.

on the map with a fingertip to zoom in the

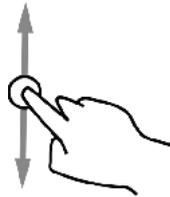
### *Touch Operations in Menu Pages*

**Selecting, Deselecting and Toggling an Item:** Tap the



screen surface once with a fingertip to select a button, tab, list, deselect or toggle an applicable item

**Scrolling a Page:** Move or quickly brush your fingertip up



and down the screen surface to scroll up and down a page.

### START NAVIMAPS APP

You can start the NaviMaps App by selecting the



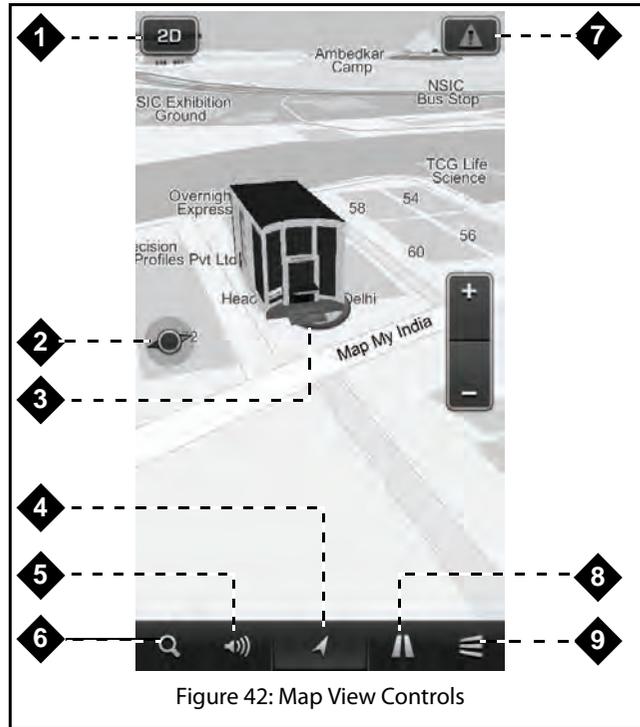
app icon on your smartphone. The first screen you will see once the app starts is the Map View. This is the app's default start screen. Your device GPS will tell the app where you are currently and you will see your location.



#### **NOTE:**

To use the NaviMaps App, ensure you have the GPS feature of your smartphone switched on for the entire duration.

### The Map View Controls



#### NOTE:

The CONNECTNEXT® infotainment system only supports the turn-by-turn navigation direction display. The 2D maps and 3D landmarks shown in the smartphone will not be shown in the system.

**Table 6: The Map View Controls**

1.	2D&3D Mode Button	Tap the 2D button once to toggle between a two-dimensional (aerial) map view and a three dimensional (depth-perspective) map view. Tap the 3D button once to toggle between a three-dimensional (depth-perspective) map view and a two dimensional (aerial) map view.
----	-------------------	---

**Table 6: The Map View Controls**

2.	The Show North Button	Tap the Show North button to instantly rotate your map view so that north is at the top of your screen.
3.	Current Location Icon	This icon represents your current GPS location in Map View.
4.	Current Location Finder Button	Any time you are away from your current GPS location in Map View, the Current location Finder button appears in the middle of the lower half of the screen. Tap on it once to instantly see your current location in Map View.
5.	Volume Button	The volume buttons enables you to adjust the navigation volume.

**Table 6: The Map View Controls**

6.	Search Button	Tapping the Search button takes you immediately to the Search page.
7.	Traffic Button	Tap to Enable/Disable Live Traffic. Multicolored Live Traffic information is overlaid on map.  <b><i>To enable Live Traffic, you should ensure that the data connection of your smartphone is active.</i></b>
8.	Route Button	This icon shows the active route details.

**Table 6: The Map View Controls**

9.	Main Menu Button	Tap the Main Menu button to access the more options where user can access "Take Me Home, My Places, My Routes, Manage Maps, Settings and About" buttons. Return to the Map View by tapping the Map or exit the application completely by tapping the Quit -> Quit NaviMaps button on the Control Bar.
----	------------------	---

When in active navigation mode i.e. when the app is guiding you with the direction and route of your required destination, the following additional details are also provided on the Map screen:

1. Speed Limit, if any applicable
2. Direction to the destination on the map
3. Distance and direction of the next turn

4. Distance remaining to reach the destination
5. Total distance from the start point to the destination
6. Current speed of your vehicle
7. Tentative time of arrival at the destination
8. Name of the current road/street
9. Distance and direction to the nearest petrol pumps



**DESTINATION ENTRY AND START**

To start using the NaviMaps app, you must tap on the  button, in the Map View to open the Search screen.

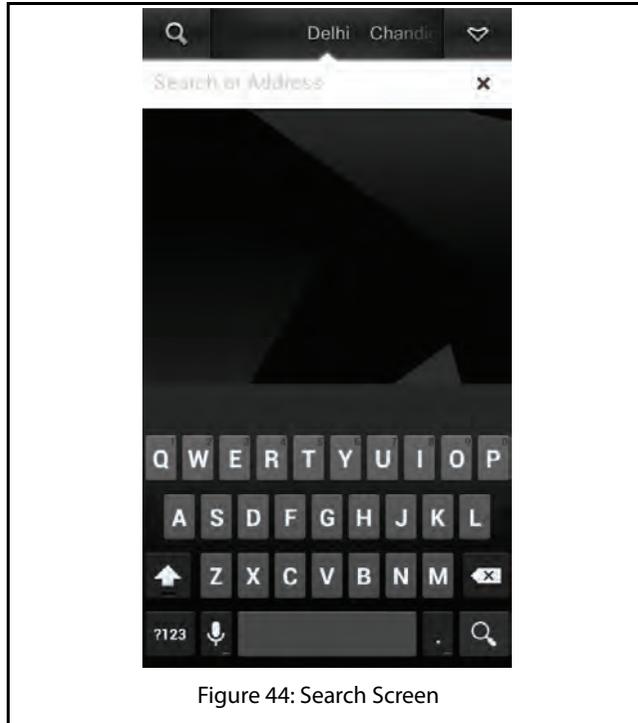


Figure 44: Search Screen

To select a state, tap on the  icon on the Search screen. It will show you a list of the states from which the desired state can be chosen. There is also another way to select a state, by just sliding the state bar towards left or right and choosing the desired state from the drop down state list using the down arrow sign on the state bar.

 **NOTE:**

States that are listed is dependent on the map downloaded and installed on the smartphone.

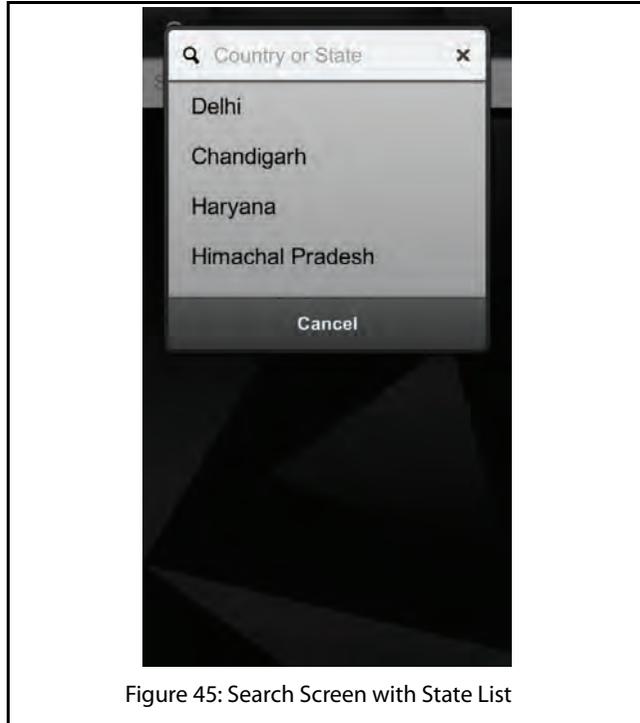


Figure 45: Search Screen with State List

Type the name of the street, address, POI (Point of Interest) or longitude/latitude coordinate in the "Search or Address" field using the keyboard. As you type, few suggested results will automatically appear in the Suggested Result area.

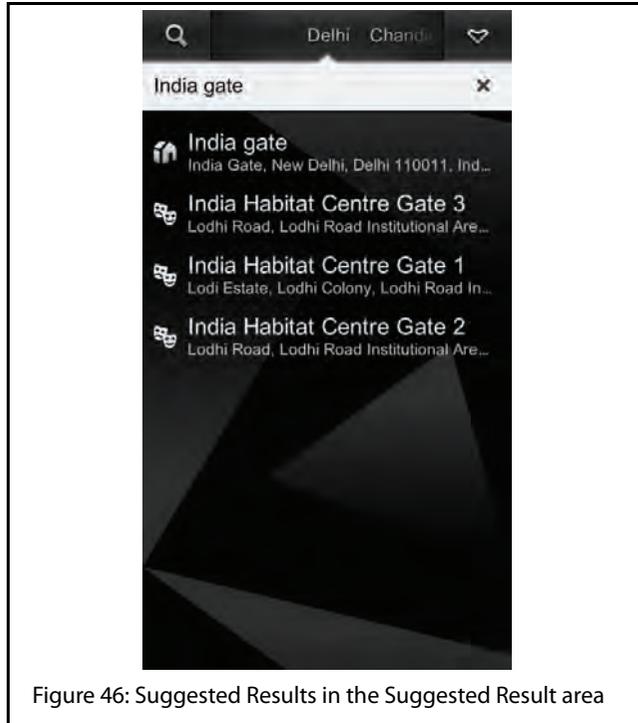


Figure 46: Suggested Results in the Suggested Result area

Tap on the Map Locator button



to see the location on the map.



Figure 47: Suggested Result with Map Locator Button

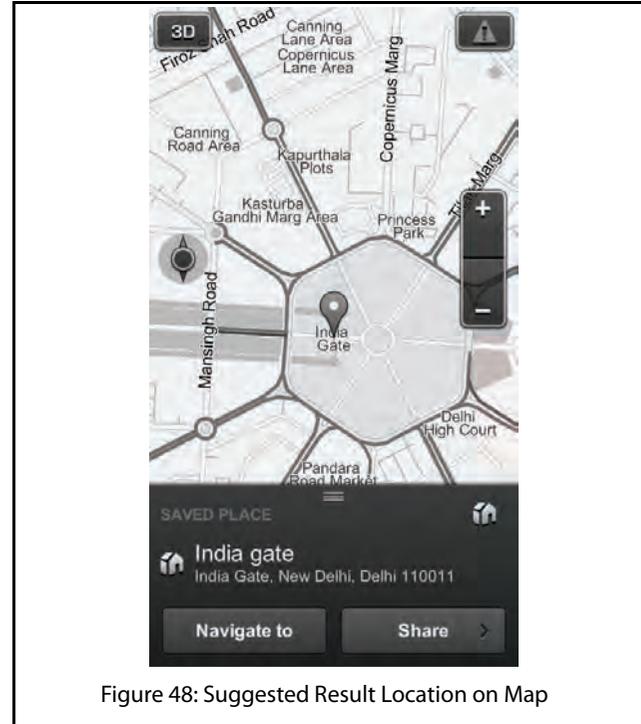


Figure 48: Suggested Result Location on Map

### ACTIVE NAVI SCREEN AND OPTIONS

Depending on whether your selected location is undefined, previously defined (as a Destination, Start Point, Via Point or an undefined Search Result or Map Location Point), or if it is already part of a currently active or saved route, the Route Planning bar presents you with the following variety of active and inactive buttons:

- Navigate To
- Share
- Show on Map
- Find Nearby POIs
- From Here
- From Me To Here
- Set as Home
- Save to My Places

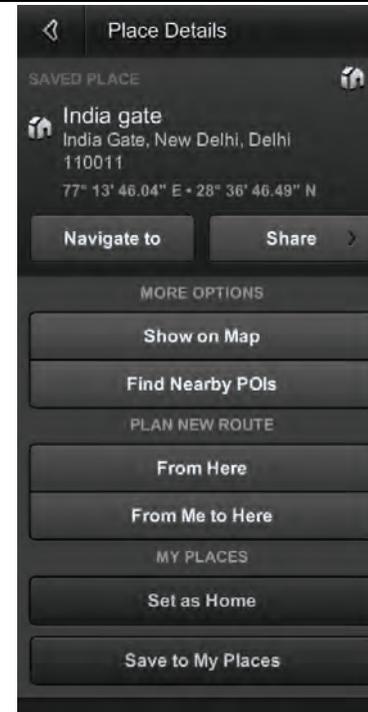


Figure 49: Navigation Screen Options

### ***Navigate To***

Instantly begins guiding you to the selected location from your current GPS location.

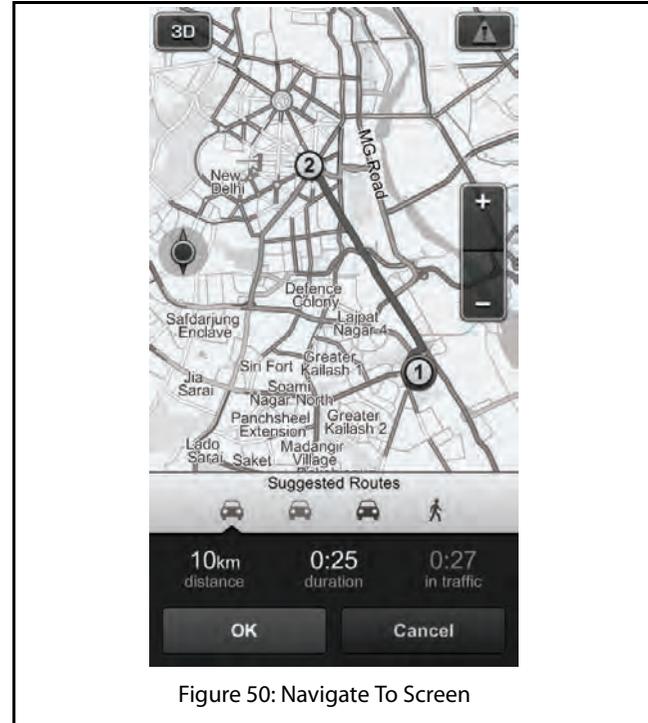
MapmyIndia NaviMaps application gives you up to four different alternative routes options to chose from. [Three alternate routes and one pedestrian mode].

 **NOTE:**

The Navigate To functionality is dependent on the availability of the GPS signal on your smartphone. Place your smartphone in the vehicle where the GPS visibility is present till you receive the GPS signal.

 **NOTE:**

The display of three alternate routes and one pedestrian mode is dependent on the destination selected. If alternate route/ vehicle options and pedestrian mode is unavailable, these options will not be displayed.



1. **Start Point Icon:** The Start Point icon represents your trip starting point in Map View. Tap on start point icon to see its details and several related options (To see complete details, the detail bar shown on the bottom of the screen needs to be dragged up). To close the active window tap on return/back button of the device.
2. **Destination Icon:** The Destination icon represents your trip destination in Map View. Destination is shown by the maximum number on the route inside a circle. Tap on destination icon to see its details and several related options (To see complete details, the detail bar shown on the bottom of the screen needs to be dragged up). To close the active window tap on return/back button of the device.

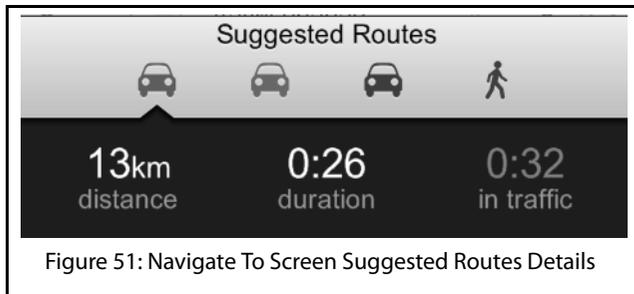


Figure 51: Navigate To Screen Suggested Routes Details

- **Total Distance to Destination:** Active route estimated travel distance.
- **Total Duration to Destination:** Active route estimated travel time.
- **Total Delay Due to Traffic on the Current Route:** Active route estimated delay due to traffic.

### Share

Selected location can be shared through Text Message, E-mail and Facebook.

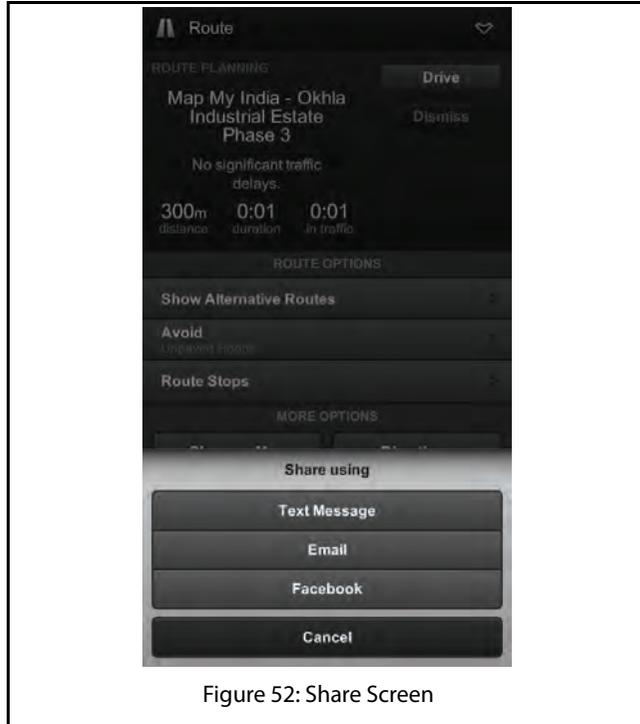


Figure 52: Share Screen

**Show on Map**

Selected location can be shown on map.

### *Find Near by POI*

Using this option, you can find the desired POIs near the selected/searched location like ATMs, hospitals and so on.

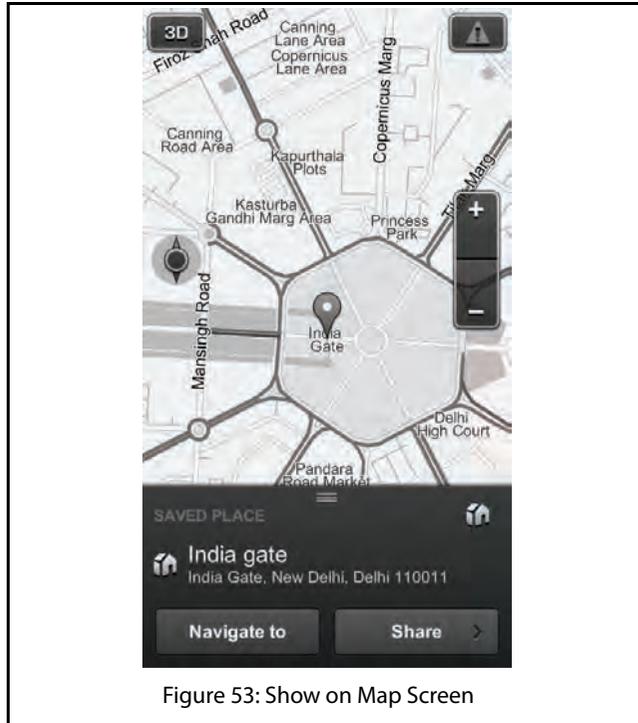
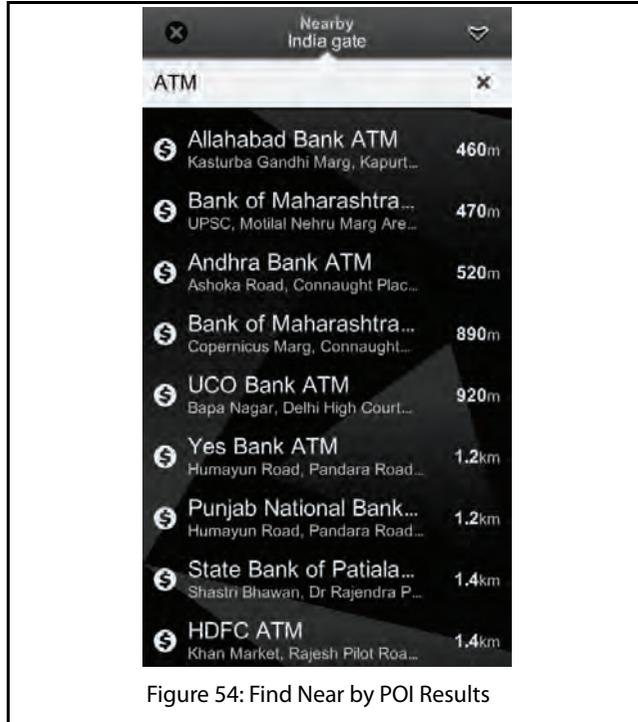


Figure 53: Show on Map Screen

***From Here***

User can define the selected location as a start point. [Can be used for various routes simulations purpose].



***From Me to Here***

Act as a “Navigate To” option, i.e. calculates the route from the present location of the user to the location selected.



Figure 55: From Here Screen

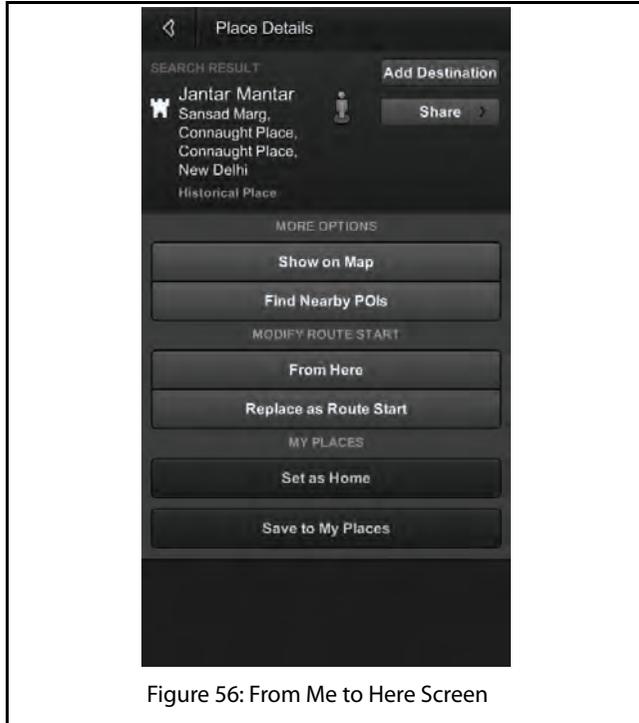


Figure 56: From Me to Here Screen

### ***Set as HOME***

User can define or remove the selected/searched location as Home. [Can be used for Take Me Home option].

### ***Save To My Places***

Selected location can be saved to My Places (Favourite) option.



#### **NOTE:**

Destinations saved through the smartphone appears as “Favourite” in the infotainment system.

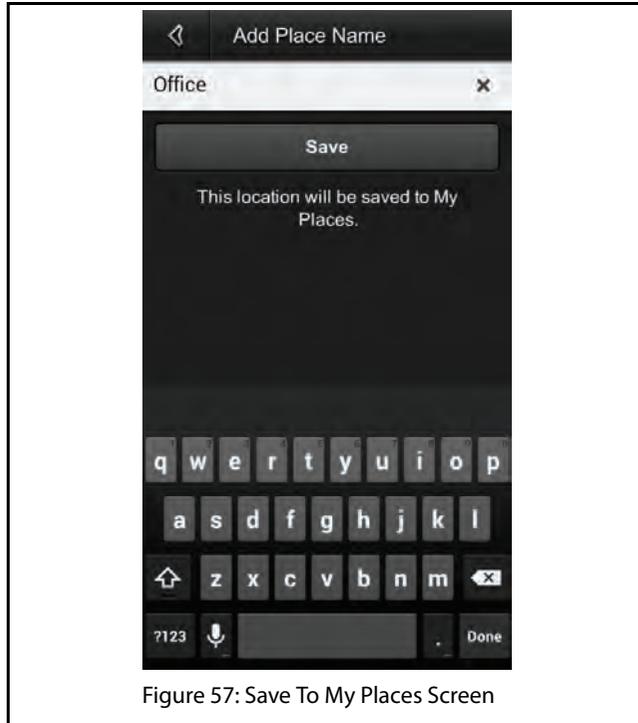


Figure 57: Save To My Places Screen

## NAVIMAPS APP OPERATIONS

Operations on the NaviMaps app are performed using the following options:

- Route Options
- Main Menu Options

### ROUTE OPTIONS

Route options are of two types. Inactive route options and Active route options.

#### *Inactive Route Options*

If user has not set his/her route yet, he/she will see the following options (see Figure 69):

- Go to Search
- Browse My Places
- Live Traffic data
- Avoid

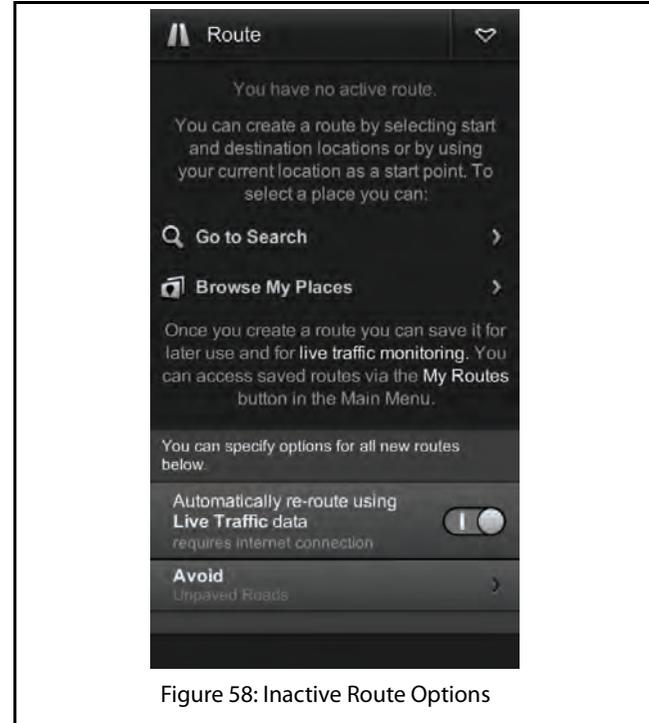


Figure 58: Inactive Route Options

**Go to Search**

User can go to search screen and select his destination.

**Browse My Places**

User can select the destination from his saved places.

**Live Traffic Data**

User can enable this option to optimize his route according to live traffic congestion.

**NOTE:**

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

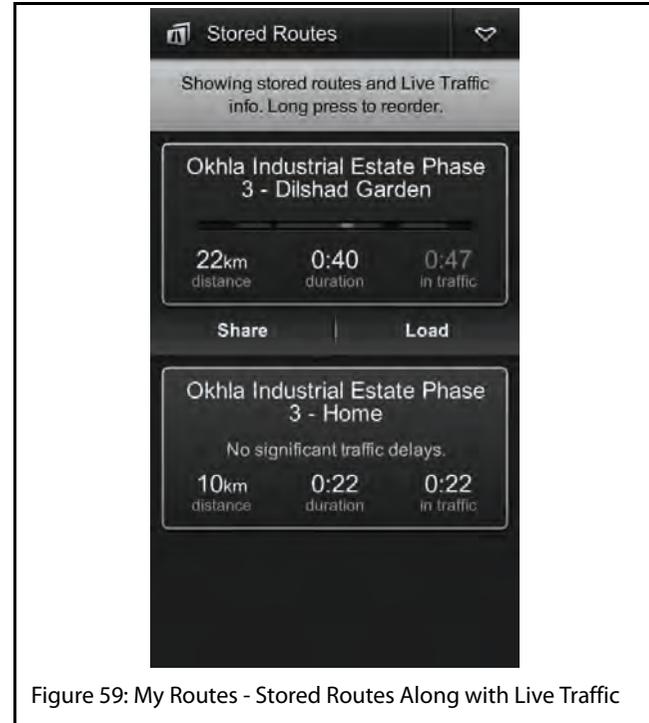


Figure 59: My Routes - Stored Routes Along with Live Traffic

**Avoid**

The Avoid feature lets you choose one, several or all avoidance options: Highways, Toll Roads, Unpaved Roads and Ferries.

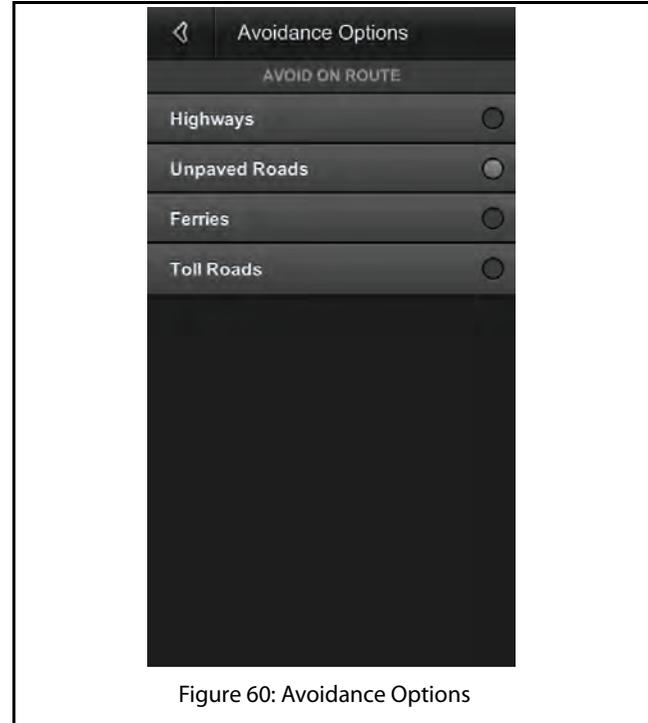


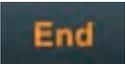
Figure 60: Avoidance Options

### Active Route Options

If user has already defined his/her route, he/she will see route details and some additional options on the Route screen.

- End
- Show alternative routes
- Route stops
- Show on map
- Directions
- Save
- Share

### End

The End button (  ) is used to delete the current route.

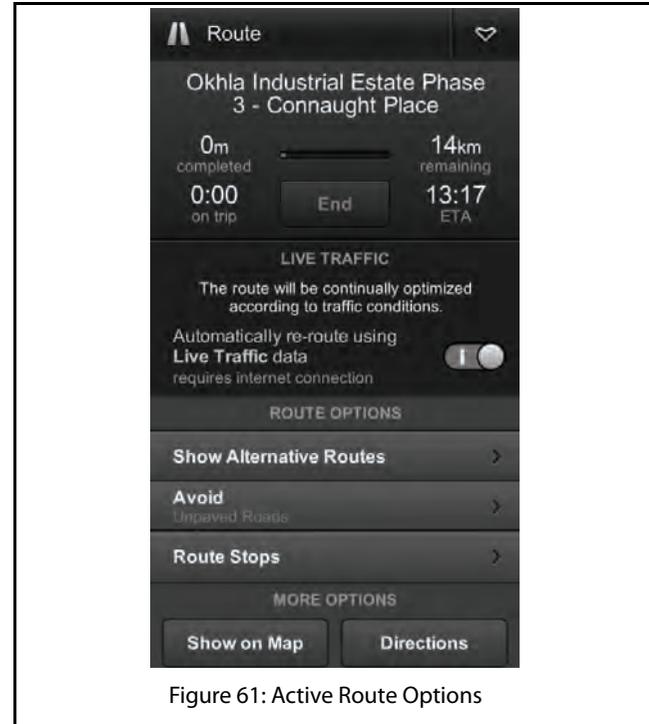


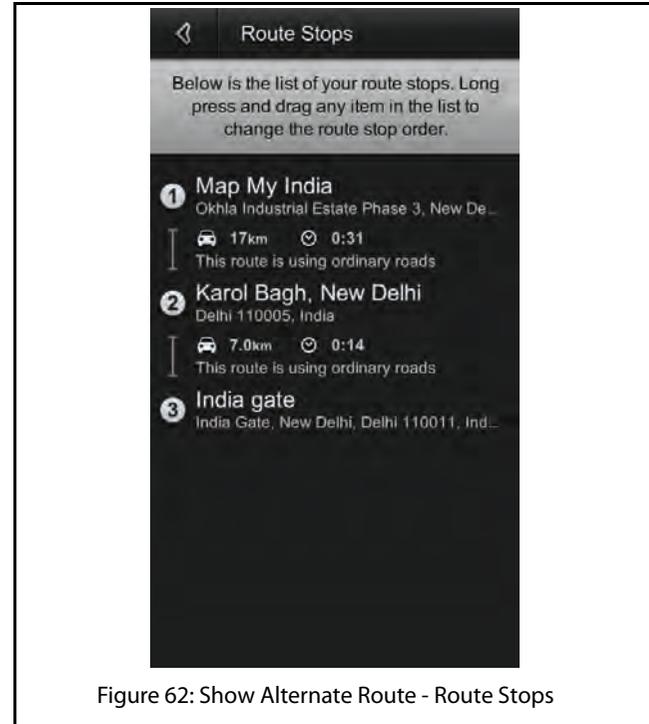
Figure 61: Active Route Options

### Show Alternative Routes

This option calculates alternative routes.

### Route Stops

Shows the order of Start Point, Via Points and Destination of the current route.



To add a Via point, perform the following steps:

1. First search your via point.
2. Select 'Navigate to' option. This action will prompt the application to calculate a route from your current position to the selected via point.
3. Now search your destination and then select 'Add Destination' option. Application will now create a route afresh taking you to your destination through via point.

To add a Via point on the current route, perform the following steps:

1. Search for desired via point.
2. Select 'Add Destination' option. Application will now create a new route.
3. Go to Route -> Route Stops. Here you can change the order of the Via Points and Destination.

**NOTE:**

Via point can be added from the infotainment system Navigation "Options" screen.

**Show on Map**

The Show on Map option shows the complete active route on the map.

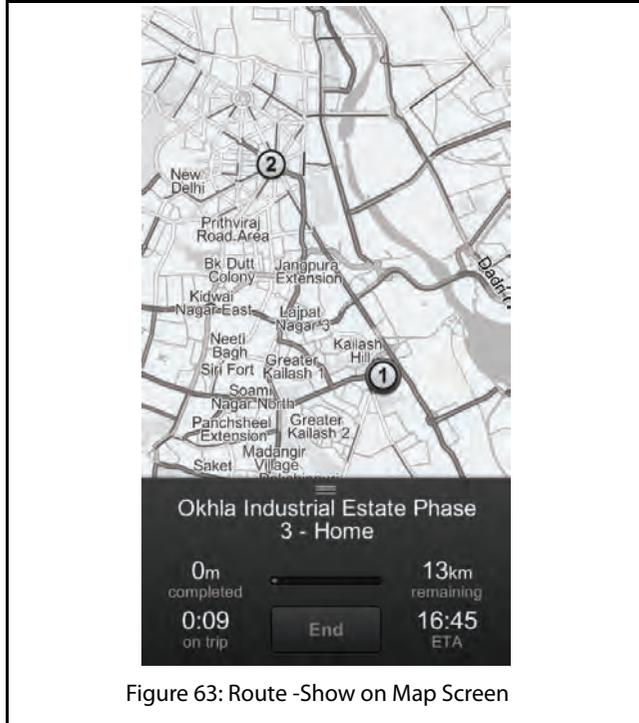


Figure 63: Route -Show on Map Screen

**Directions**

Here you can view your route directions as a list of turn-by-turn textual descriptions with corresponding descriptive icons in sequence, their corresponding Map View by tapping Map Locator next to them or Individual Directional Description -> Individual Directional Description Details page, which displays the descriptive icon, textual direction.



**NOTE:**

In the infotainment system the directions for selected destinations is displayed in the Navigation Options-> Routes.

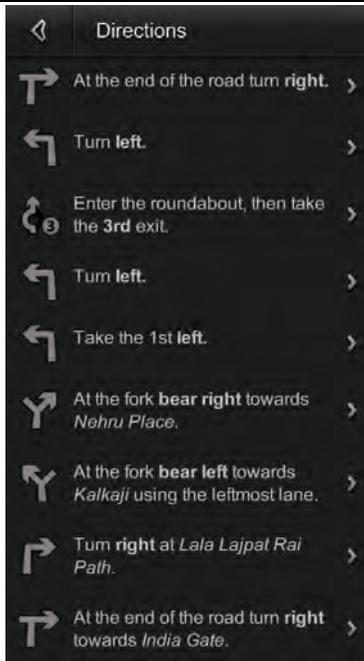


Figure 64: Directions Screen



Figure 65: Directions Screen - Map View

**Save**

The Save option saves the current route to My Routes for future use.



### Share

You can share your current active route through Text Message, E-mail and Facebook.

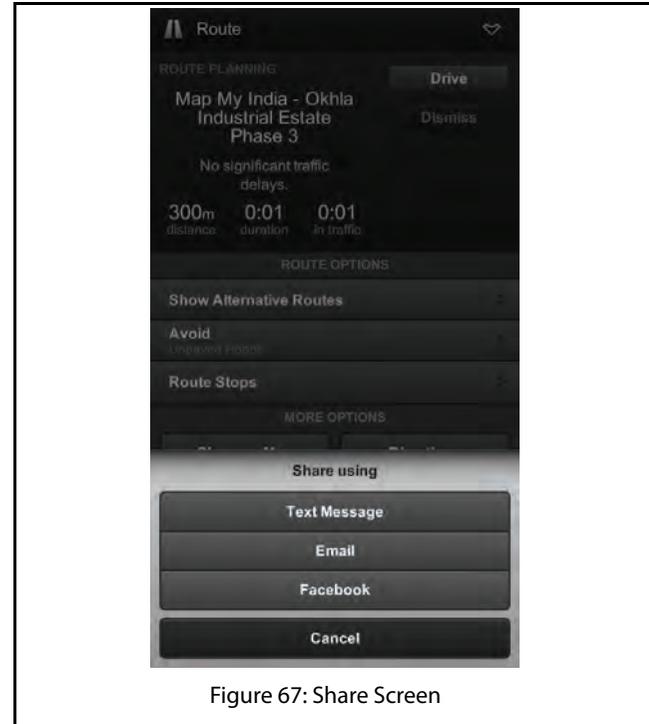


Figure 67: Share Screen

**Post my progress on Facebook:** Facebook tracking lets friends know where users are, where they are going and when they'll get there.

Users can compare and share route travel times with NaviMaps' estimated travel times.

### MAIN MENU OPTIONS

Open the Main Menu screen by tapping the Main Menu button [Icon]. From here, you can continue to the following six main menu options:

- Take Me Home
- My Places
- My Routes
- Manage Maps
- Settings
- About

### ***Closing the Main Menu Options Screen***

To close the Main Menu options screen, tap on the Map.



Figure 68: Main Menu Options

### ***Take Me Home***

Take Me Home at any time to be guided from your current location to your previously designated Home location. If you are in an active navigation session, It Cancel Current Route and start being guided to your Home location.

### ***My Places***

Shows the list of the places saved by user and recent destinations.

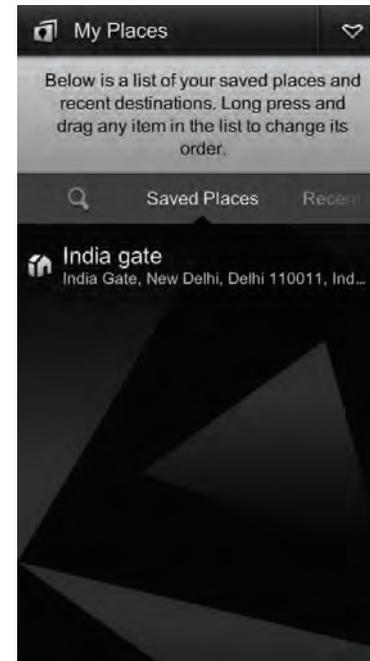


Figure 69: My Places - Saved Places



Figure 70: My Places - Recent Destinations

### *My Routes*

This option contains the list of the saved/stored routes.

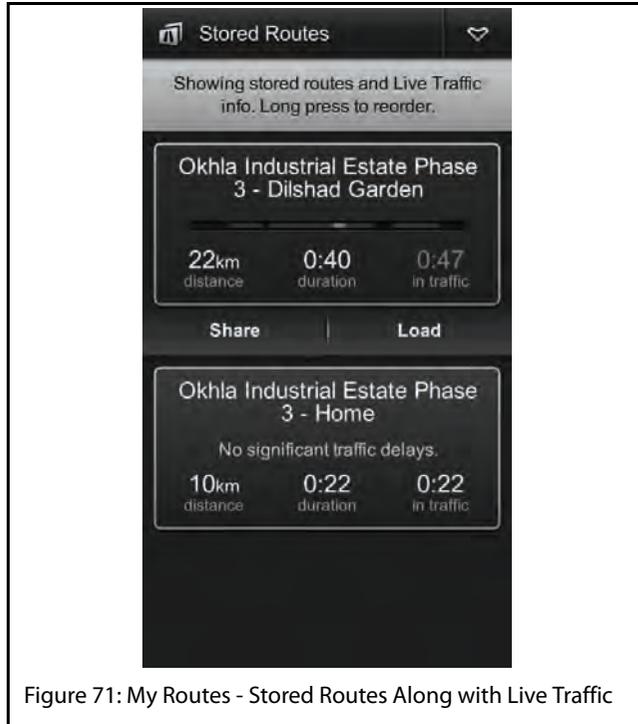


Figure 71: My Routes - Stored Routes Along with Live Traffic

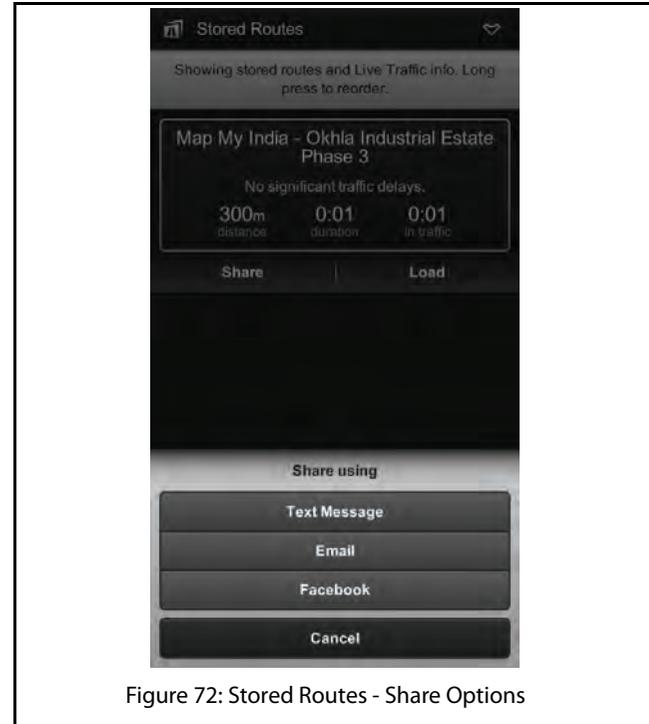


Figure 72: Stored Routes - Share Options

### Manage Maps

This option contains the list of various maps that are available. You can download any of these maps according to your requirement. Additional premium functionalities like Pro Guidance, Live traffic and so on will be downloaded along with the selected map.

To download the required map:

1. In the NaviMaps Main Menu, tap the Manage Maps



(  ) menu option. The system displays the Maps screen.

2. In the Maps screen, tap the arrow beside the required map. The installation is started and progress bar is displayed beside the map name. Once the installation is completed, **On Device**, is displayed below the map name along with other map details.

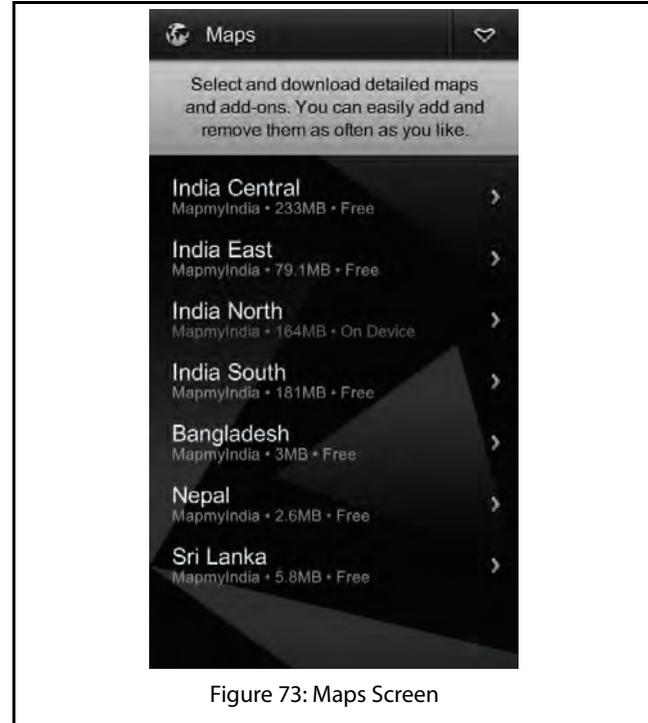


Figure 73: Maps Screen

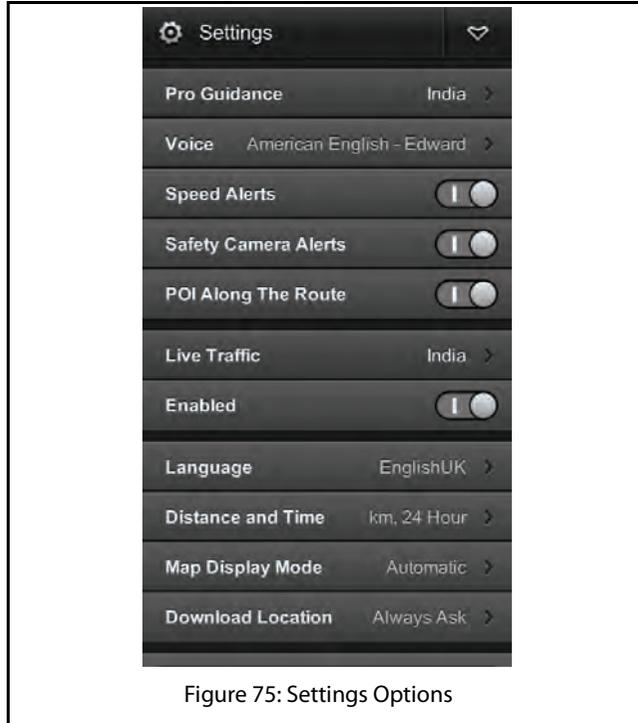


Figure 74: Map Info Screen

### Settings

Using the Settings options, you can customize the use of your application according to your requirement. The various options that are available under Settings are:

- Pro Guidance
- Voice
- Speed Alerts
- Safety Camera Alerts
- POI Along the Route
- Live Traffic
- Language
- Distance and Time
- Map Display Mode
- Download Location



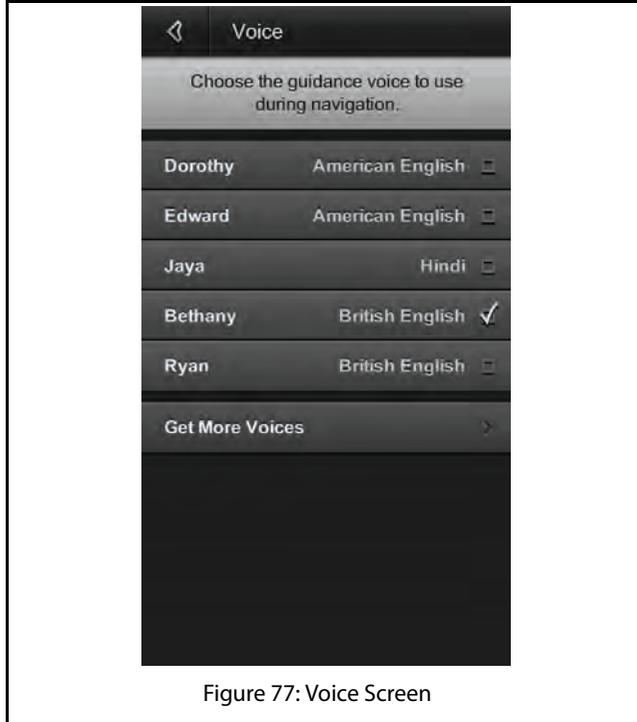
### Pro Guidance

Pro Guidance enables Turn-by-turn Voice Instructions, Automatic Rerouting, Speed Alerts, Lane Assistance and POI Along the Route Features.



### Voice

You can download the guidance voice (including 10 regional languages) and use them during navigation according to your choice.



### Speed Alerts

You can enable/disable the speed alerts here, which comes during navigation when you cross the current road limit.

### Safety Camera Alert

Currently this feature is not available for India.

### POI Along the Route

You can enable/disable the POIs which appear on map during live navigation.

### Live Traffic

Live traffic provides a real time overview of road condition, features including rerouting around congestion and providing instant traffic delay information.

You can enable/disable this feature according to your use.

**NOTE:**

To use the Live Traffic function, the data connection of your smartphone must be active.

**Distance and Time**

Here you can choose distance unit and time format.

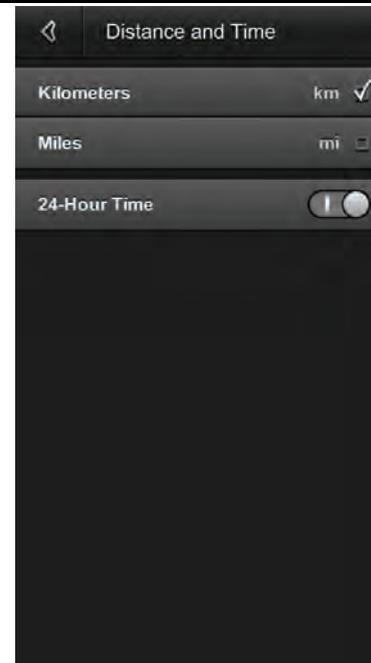


Figure 78: Distance and Time Screen

**Map Display Mode**

Here you can adjust map display to Day or Night Mode manually. If you have chosen Automatic, map display will change its mode automatically according to Day or Night.

**Download Location**

Here you can define the memory location where to download the maps and its contents i.e. Device Memory or SD Card.

**Restore My Purchases**

This feature can be used to restore the map contents in case you lost or accidentally deleted the same.

**Reset To Default**

Reset the application to its default settings.

**About**

The About screen displays the following:

- Application Version
- Serial Number
- Disclaimer
- Privacy Policy
- Copyright Information



## CONNECTNEXT® TBT NAVIGATION

The CONNECTNEXT® Turn-By-Turn (TBT) Navigation feature allows you to integrate your vehicle infotainment system with the NaviMaps Mobile app and utilize the turn-by-turn navigation direction feature of the app while driving, from within the system.

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

### GET STARTED WITH THE TBT NAVIGATION FEATURE

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

To start using the TBT Navigation feature:



Figure 80: Home Screen with Navigation Menu Option

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



Figure 81: Initiate NaviMaps & Select Destination Prompt

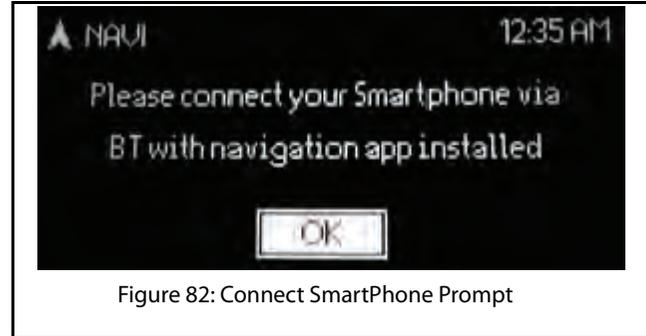


Figure 82: Connect SmartPhone Prompt



**NOTE:**

If the connection between the vehicle and the ConnectNext Service app is disabled or the NaviMaps app is not installed/enabled and you select the Navigation menu option, the system prompts you with the related message.

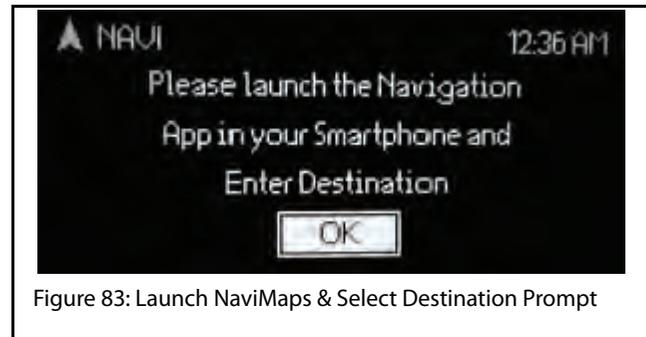


Figure 83: Launch NaviMaps & Select Destination Prompt

2. Once you launch the NaviMaps App in your smartphone, the infotainment system displays a disclaimer. The system auto-closes the disclaimer after **5 seconds**.

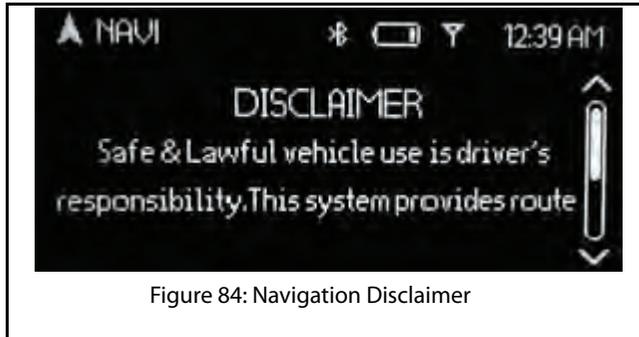


Figure 84: Navigation Disclaimer

If the destination is still not set, the system prompts you to select the destination and start the Navigation. Once the destination is set and navigation is started, the Navigation screen is displayed.

The Navigation Screen contains the following details/functions:

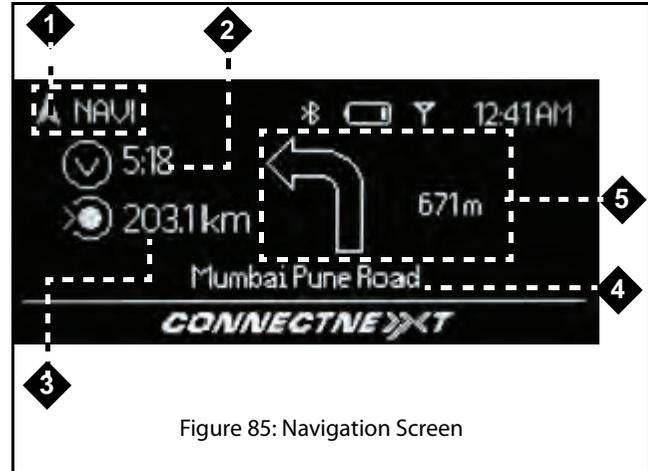


Figure 85: Navigation Screen

**Table 7: Navigation Screen Details/Functions**

1.	TBT Navigation Feature Icon
----	-----------------------------

Table 7: Navigation Screen Details/Functions

2.	<p>Tentative Time of Arrival At the Destination</p> <p> <b>NOTE:</b> The time of arrival is calculated as per the smartphone clock and not the infotainment system clock.</p>
3.	Total Distance From the Start Point to the Destination
4.	Name of the Upcoming Road/Street
5.	Distance and Direction of the Next Turn

### TBT NAVIGATION OPTIONS

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

- Recent Places
- Favorites
- POI
- Route Direction Preview

- Setup

To select the required option:

1. In the Navigation screen, press **OPTIONS**. The system displays the Navigation submenu options.
2. Select the required submenu option.

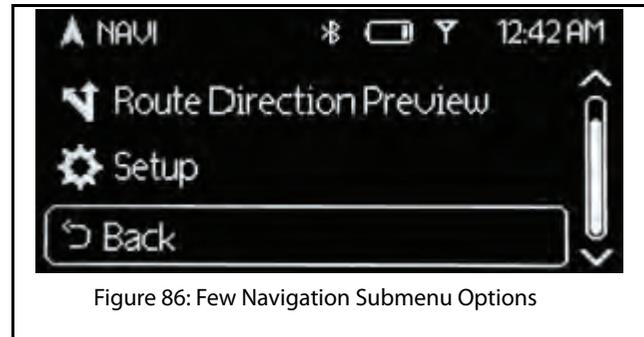
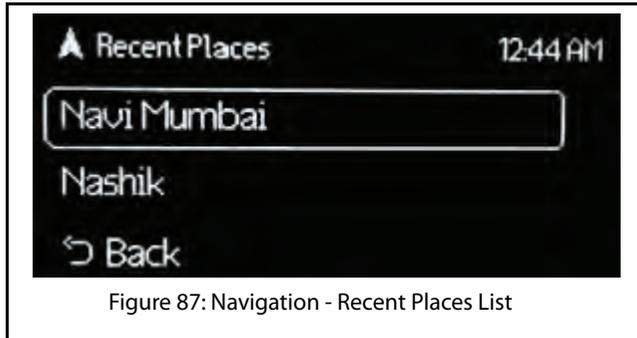


Figure 86: Few Navigation Submenu Options

### Recent Places

When selected, the Recent option displays the list of recently travelled destinations. From the list of recent destinations,

you can select anyone destination as a new destination or as a via point.



### ***Favorites***

When selected, the Favorites option displays the list of destinations that you had saved as your favorite destinations, in the My Places (Favourite) option of the NaviMaps app. From the list of favorites destinations, you can select anyone destination as a new destination or as a via point.

### **NOTE:**

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



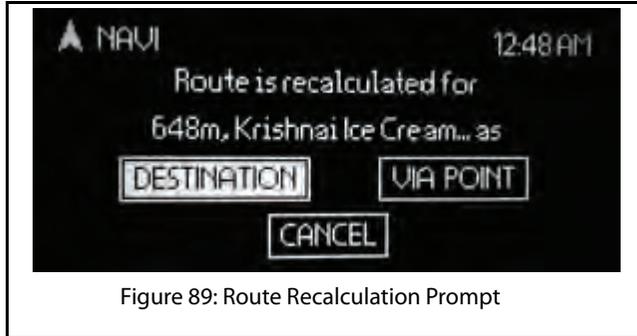


Figure 89: Route Recalculation Prompt

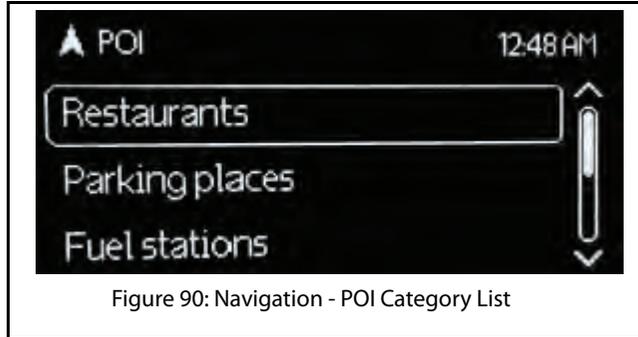
### ***POI (Point of Interest)***

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

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

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

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



### ***Route Direction Preview***

When selected, the Route Direction Preview option displays the route directions for a destination as a list of turn-by-turn textual descriptions with corresponding descriptive icons in sequence. The different descriptive icons that the system displays are:

Table 8: Route Direction Preview Descriptive Icons

Descriptive Icon	Description
	Go straight.
	Turn left.
	Turn right.

Table 8: Route Direction Preview Descriptive Icons

Descriptive Icon	Description
	Turn left then right.
	Turn right then left.
	Turn left sharp.

**Table 8: Route Direction Preview Descriptive Icons**

Descriptive Icon	Description
	Turn right sharp.
	U turn.
	Highway exit.

**Table 8: Route Direction Preview Descriptive Icons**

Descriptive Icon	Description
	Destination reached.
	Take the first exit in a 8 exit round about.
	Take the second exit in a 8 exit round about.

Table 8: Route Direction Preview Descriptive Icons

Descriptive Icon	Description
	Take the third exit in a 8 exit round about.
	Take the fourth exit in a 8 exit round about.
	Take the fifth exit in a 8 exit round about.

Table 8: Route Direction Preview Descriptive Icons

Descriptive Icon	Description
	Take the sixth exit in a 8 exit round about.
	Take the seventh exit in a 8 exit round about.
	Take the last exit in a 8 exit round about.

**Table 8: Route Direction Preview Descriptive Icons**

Descriptive Icon	Description
	General round about sign.

You can view the route directions for a currently set destination or a recent destination or a favorite destination or a POI.

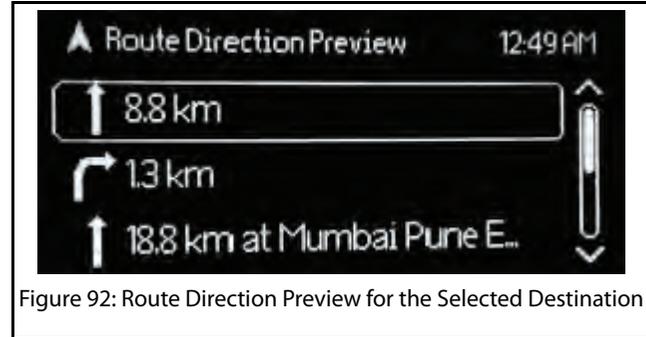


Figure 92: Route Direction Preview for the Selected Destination

**Setup**

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

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

To enable navigation voice prompts:

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

**NOTE:**

To disable navigation voice prompts unselect the **Navigation voice prompts** checkbox.

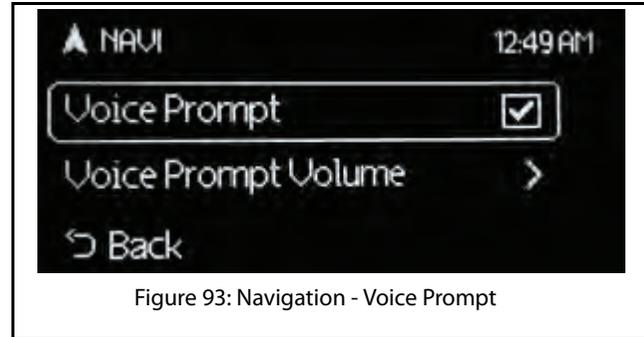


Figure 93: Navigation - Voice Prompt

To set the navigation voice prompt volume:

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

**TBT NAVIGATION FEATURE CONCURRENCES**

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

***When a media source or radio is played***

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

**NOTE:**

For some smartphones, the system reduces the volume of the BT media source and plays the navigation prompts. This feature is dependent on your smartphone capabilities.

***When an incoming call is received***

During an active navigation mode, if you receive an incoming call, the system displays the call details as a separate screen. You can either accept or drop the call. If accepted, the navigation visual prompts are disabled till the call is completed.

***When reversing the vehicle***

During an active navigation mode, if you engage the Reverse gear, the system displays the Park Assist screen and disables the audio and visual navigation prompts. Once the Reverse gear is disengaged, the Navigation audio and visual prompts will be enabled.

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

e.g. 2D maps and 3D landmark view is not present in the infotainment system.

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

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**CONNECTNEXT® NAVI LIMITS**

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

- Typing of a destination location through the infotainment system is unavailable. You can set a destination location from the infotainment system, by selecting the location from a list of favorite destinations, recent destinations or POIs.
- The TBT Navigation feature of the infotainment system is supported only on some smartphones i.e. only on smartphones that have Android 4.0 ICS or above.

### VEHICLE

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

- Set vehicle door locking options
- Manage the Park Assist system settings, if available
- Handle exterior approach lights



#### **NOTE:**

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

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

### DISPLAY VEHICLE SETUP SCREEN

To display the Vehicle Setup screen:

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

## SET LOCK/UNLOCK OPTIONS

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

- Drive away locking
- Vehicle auto relock

**NOTE:**

For steps to display the Vehicle Setup screen, refer to the [Display the Vehicle Setup Screen](#) section.

## SETTING DRIVE AWAY LOCKING

**DEFINITION:**

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

To set the Drive Away Locking feature:

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

**NOTE:**

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

### SETTING VEHICLE AUTO RELOCK



#### **DEFINITION:**

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

To set the Vehicle Auto Relock feature:

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



#### **NOTE:**

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

## MANAGE PARK ASSIST (IF APPLICABLE)

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

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

**NOTE:**

For steps to display the Vehicle Setup screen, refer to the [Display the Vehicle Setup Screen](#) section.

### ACTIVATING PARK ASSIST

You can activate or deactivate the Park Assist system of your car without engaging/disengaging the Reverse gear.

To activate the Park Assist system from your infotainment system:

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

**NOTE:**

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

### MANAGING PARK ASSIST DISPLAY

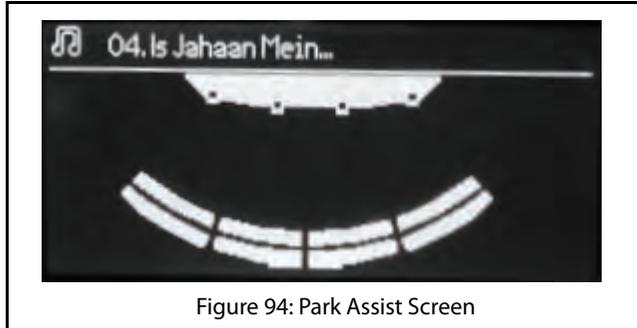


Figure 94: Park Assist Screen

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

The Park Assist display screen has the following information:

**Table 9: Park Assist Screen**

1.	<p>Information Header</p> <p>Contains the any one of the following details:</p> <ul style="list-style-type: none"> <li>• Screen name (Park Assist) and system time</li> <li>• Park Assist component related message, for example, can contain a message to indicate that the Park brake is engaged</li> <li>• Active phone call related information</li> <li>• Radio/Media related information</li> </ul> <p> <b>NOTE:</b></p> <p>The Phone call/Radio/Media related information will be displayed only if the <b>Mix with Audio</b> option is enabled. Refer to the <a href="#">Retaining Audio During Park Assist</a> section for more information.</p>
2.	Park Assist sensor view

***Unavailability of Park Assist Display***

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

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

 **NOTE:**

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

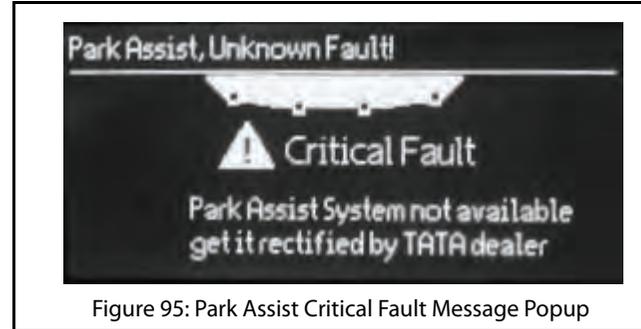


Figure 95: Park Assist Critical Fault Message Popup

### *Delaying Park Assist Display Stop*

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



#### **DEFINITION:**

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

To enable the Park Assist Delay Timer:

1. In the Vehicle Setup screen, navigate to and select the **Park Assist** option. The system displays the Park Assist screen.
2. In the Park Assist screen, navigate to and select the **Park Assist Delay Timer** option. The system displays the options for the Park Assist delay timer.

3. Select the required timer option from 0 sec/5 sec/10 sec. When the Park Assist component is enabled next, the system retains the Park Assist display screen even after the Reverse gear is disengaged for the selected time period.

### **SETTING PARK ASSIST VOLUME**

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

To set the volume value for park assist:

1. In the Vehicle Setup screen, navigate to and select the **Park Assist** option. The system displays the Park Assist screen.
2. In the Park Assist screen, navigate to and select **Park Assist Volume** option. the system displays the Park Assist Volume scree.
3. In the Park Assist Volume screen, select Park Assist Volume filed and modify the value of the field, by setting it to a new value in the range of 0 to 15.

***Retaining Audio During Park Assist***

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

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

### MANAGE EXTERIOR LIGHTS (IF APPLICABLE)

The infotainment system provides you the flexibility of handling the exterior approach lights of your vehicle:

#### MANAGING APPROACH LIGHTS



#### DEFINITION:

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



#### NOTE:

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

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

To set the Approach lights illumination time period:

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

## FREQUENTLY ASKED QUESTIONS

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

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

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

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

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

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

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

**4. Is internet connection required for using navigation**

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



**NOTE:**

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

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

NaviMaps installed in smartphone will prompt for downloading the app. Based on your choice you can

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

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

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

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

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

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

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

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

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

**10. Should I enable GPS always in my smartphone?**

Yes. You should enable GPS in your smartphone when it is connected with your infotainment system for the Navigation function.

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

This TBT Navigation feature uses GPS from your smartphone. So your smartphone GPS reception is very important for reliable functionality of this feature.

If you are getting weak or no GPS signal, ensure that you place your phone in a location of vehicle where it is safe and visible to sky and check for the better GPS reception availability.

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

First try to increase the volume level from your smartphone. If it is still not sufficient then, when the TBT Navigation function is working, Press the  button-> select the Setup submenu option-> and select the **Voice Prompt Volume** field. You can adjust the setting accordingly.

**13. I installed ConnectNext App and NaviMaps in my smartphone will the TBT Navigation feature work in my TATA vehicle?**

Yes. However, the smartphone will be connected using Bluetooth only. The TBT feature will not work if the smartphone is connected via the USB cable.

**14. Will navigation in my TATA vehicle work with any smartphone?**

No. The TBT Navigation feature of the infotainment system is supported only on some smartphones i.e. only on smartphones that have Android 4.0 ICS and

above. Please check with the dealer for details on the compatible list.

**15. Can I play audio from my smartphone when connected through the USB port?**

This behavior might vary based on the smartphone that you are using i.e. if your smartphone supports the Mass Storage Class mode. Additionally, you have to enable your smartphone in the Mass Storage Class mode, immediately after connecting to the Vehicle USB port.

**16. In Bluetooth Music, the song/metadata information displayed on the Phone and infotainment system does not come/match**

The music player running on the handset (phone) may not have the capability to send the details about the song to the Head Unit (infotainment system) OR the song downloaded to the handset does not have the details of the artist, album and other information set in the song properties. This may cause the Head Unit to show the song information as Unknown or it may show information of the Next or Previous song in the list. This condition may be recovered by pressing Information (i) or playing/pausing the song on the Head Unit.

**17. *Media Player and Playback Audio mismatch on the infotainment system.***

This scenario can happen when the Navigation prompt is on the screen and the user presses the Media/Radio button on the infotainment system.

In this case, sometimes the screen may not get refreshed because of too many events to handle. This leads to Screen and Audio mismatch.

This condition can be recovered by pressing the Media button on the Head Unit.

## ABBREVIATIONS

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

**Table 10: Abbreviations**

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

**Table 10: Abbreviations**

LP	Long Press
NAVI	Navigation
PBAP	Phone Book Access Profile
PNG	Portable Network Graphics
POI	Point Of Interest
RDS	Radio Data System
SP	Single Press
SWC	Steering Wheel Controls
TBT	Turn-By-Turn
USB	Universal Serial Bus

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## TATA MOTORS

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