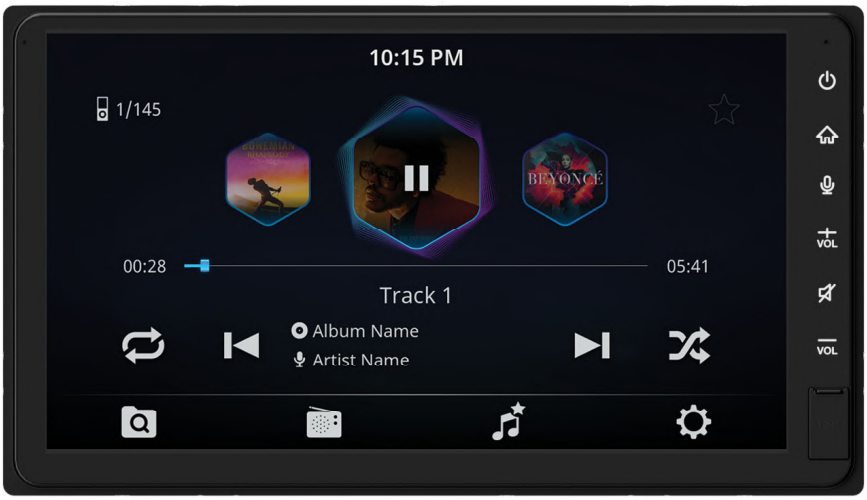
TOYOTA

ADVANCED AVX (AACP)

OWNERS MANUAL



Please read the manual for proper operation and keep it for future reference.

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1. PRECAUTIONS

⚠ CAUTION

- As a driver, you are responsible for your safety and the safety of your passengers.
- Please do not operate the system while driving. Only operate the system when the vehicle is parked safely and the brake is engaged.
- Avoid from playing any multimedia content and/or operating the unit's controls while driving. Watching videos and operating the unit while driving are prohibited by law in some countries.
- In the event that the unit's display does not display properly or the audio is inaudible, please stop using the unit and immediately consult your nearest authorized dealer or service center for this unit. Please do not disassemble or modify this unit. It will void the unit's warranty and may cause an accidental fire, or electric shock to the user.
- The mist will disappear once the temperature inside the car returns to room temperature (about 25°C).
- Please consult your nearest authorized dealer or service center immediately in the event that foreign particles or moisture enter this unit, and smoke or unusual smell is detected.
- When driving please keep the Audio volume to a level at which external sounds can be heard.
- Please ensure that the fuses are replaced with the correct specifications. Any change in fuse specifications may cause a fire.
- If the unit requires to be removed or reinstalled, please consult the nearest authorized dealer or service center for this unit. The installation or removal of the unit requires an experienced skilled professional.

2. CAUTIONS ON HANDLING

Operation Panel

Please observe the following precautions.

- The touch screen panel is designed to operate within the range of -20°C to 70°C.
- In extreme cold, the display may refresh slower or become darker than usual. This is typical in sub-optimal temperatures.
- Exposure of this unit to moisture must be prevented, as it may damage the internal circuitry and possibly cause a fire.
- Please do not place lit cigarettes near the units's display. Doing so may damage the display or cause a fire
- There may be small black and shiny spots inside the liquid crystal display panel. This is normal for LCD products.

USB Port

- Only USB memory sticks recognized as "USB mass storage class" will work properly in the unit
- In the event that a USB memory stick's data is corrupted or damaged when used in this unit, the unit's manufacturer shall not be liable for any loss or damage.
- It is recommended that the USB memory stick data is backed up before use in the unit
- If the USB memory stick is unreadable, please try removing and reinserting the USB memory stick
- Do not connect this unit's USB port to any external computer.

Cleaning

- Use a soft, dry cloth and gently wipe the dirt off. For tougher stains, use a neutral base detergent, which has been diluted in water. Apply it to a soft cloth and wipe the dirt off gently, and then wipe again with a dry cloth.
- Do not use benzene, thinner, car cleaner, etc., as these substances may damage the unit or cause the paint to peel.
- Leaving rubber or plastic based products in contact with the unit for long periods of time may cause stains.
- The liquid crystal panel tends to collect dust. Wipe it off occasionally with a soft cloth. The LCD surface can be easily scratched, do not rub it with rough / hard objects.

About the registered marks, etc.

- Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple products identified in the badge, and has been certified by the developer to meet Apple performance standards.

  Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

  Please note that the use of this accessory with an Apple product may affect wireless performance.

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

  Apple CarPlay is a trademark of Apple Inc.

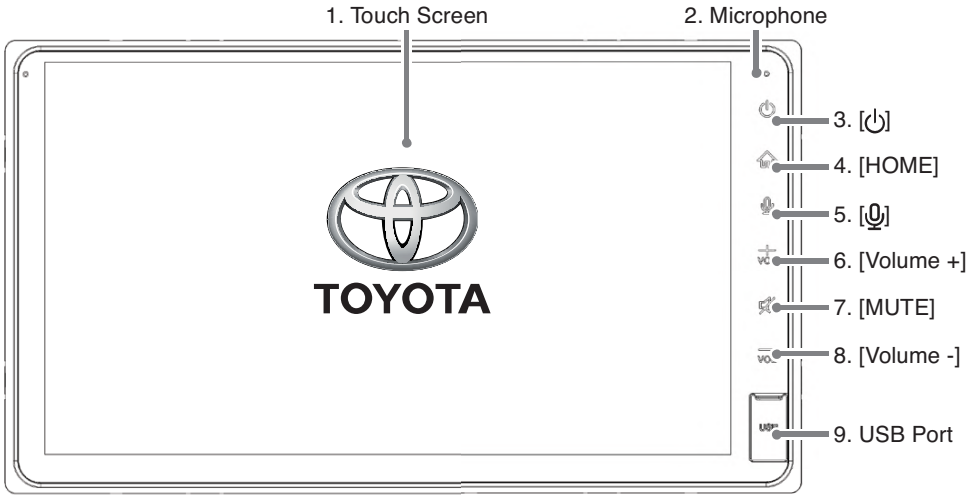
- The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks is under license. Other trademarks and trade names are those of their respective owners.

Note: Reverse engineering or disassembly of all software in the unit is strictly prohibited.

Disclaimer: Downloading or loading of unauthorized software into the unit may cause failure or loss.

The manufacturer is not responsible for any damage or liabilities.

3. OPERATION PANEL



Control Elements

1. Touch Screen

- Capacitive touch screen display.

2. Microphone

- For handsfree.

3. [⏻]

- Press the button when the unit is turned off to turn on power.
- Press and hold the button to turn off the power.
- Press the button when the unit is turned on to toggle clock display off/on.

4. [HOME]

- Press the button when the unit is turned on to display Home Screen

5. [🎙]

- Press the button to trigger Voice command / Voice dial

6. [VOLUME +]

- Increase Volume
- Long press to trigger continuous volume increase

7. [MUTE]

- Mute/ unmute audio.

8. [VOLUME -]

- Decrease Volume
- Long press to trigger continuous volume decrease

9. USB Port

- USB mass storage device / iPod / iPhone / Android device insertion.

4. FUNCTION OF STEERING WHEEL REMOTE CONTROL BUTTONS

<table>
<tr><th rowspan="2">Mode / Button</th><th rowspan="2">Radio</th><th rowspan="2">USB / iPod / BT Audio</th><th colspan="3">Phone</th><th colspan="3">TEL</th></tr>
<tr><th>Keypad</th><th>Phonebook</th><th>History/ Call log</th><th>Incoming Call</th><th>Outgoing Call</th><th>Call In Progress</th></tr>
<tr><td>OFF HOOK</td><td colspan="5">No Function</td><td>Pick up call</td><td colspan="2">No Function</td></tr>
<tr><td>ON HOOK</td><td colspan="5">No Function</td><td>Reject call</td><td colspan="2">Hang up call</td></tr>
<tr><td rowspan="2">VOL UP</td><td colspan="5">Increase Media volume step by 1</td><td colspan="3">Increase TEL volume step by 1</td></tr>
<tr><td colspan="5">*Increase Media volume step continuously</td><td colspan="3">*Increase TEL volume step continuously</td></tr>
<tr><td rowspan="2">VOL DOWN</td><td colspan="5">Decrease Media volume step by 1</td><td colspan="3">Decrease TEL volume step by 1</td></tr>
<tr><td colspan="5">*Decrease Media volume step continuously</td><td colspan="3">*Decrease TEL volume step continuously</td></tr>
<tr><td>MODE</td><td colspan="5">Audio source switching</td><td colspan="3">No Function</td></tr>
<tr><td rowspan="2">SEEK UP</td><td>Preset channel UP</td><td>File Up
Track up
Chapter Up
Channel Up</td><td colspan="6" rowspan="4">No Function</td></tr>
<tr><td>*Seek up</td><td>*Fast Forward</td></tr>
<tr><td rowspan="2">SEEK DOWN</td><td>Preset channel Down</td><td>File Down
Track Down
Chapter Down
Channel Down</td></tr>
<tr><td>*Seek Down</td><td>*Fast Rewind</td></tr>
<tr><td>VOICE</td><td colspan="6">Activates voice control of connected smartphone (through Bluetooth) or stops VR.</td><td colspan="3">No function</td></tr>
</table>

* Press the button for more than 1 second.

5. BASIC OPERATIONS

Turning on/off the power

1. Press the ⏻ button to switch on this unit.
2. It automatically remembers its last source mode and will automatically switch to display that mode.
3. Press the ⏻ button for more than 1 second to switch off the unit.

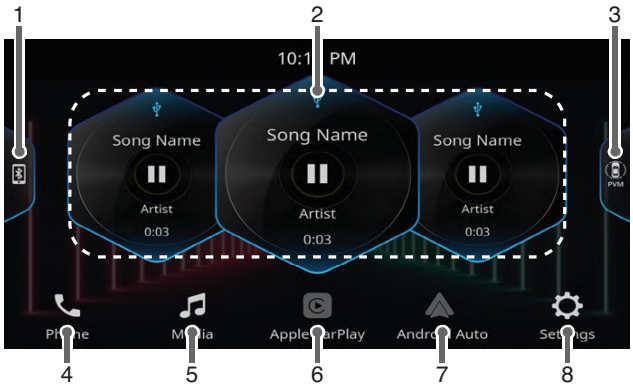
Note:

- Be careful about using this unit for a long time without running the engine. If you drain the car's battery too much, you may not be able to start the engine and this can reduce the service life of the battery.

Switching Source Modes

1. Press the ⌂ button to access the Home Screen.
2. Select any source mode to switch mode.

Home Screen



The Home screen of the system contains 3 tiles and 7 icons, which allows quick access to important functions.

1. Paired Device button.
2. Displays the widget :
   -Short Press middle panel to go to the corresponding screen.
   -Slide Left/Right to edit position of 3 tiles on home screen.
3. PVM button.
4. Phone burtton
5. Media button
6. Apple CarPlay button
7. Android Auto button
8. Settings Button

Switch to Clock display

1. Press the ⏻ button to switch to clock display. Audio will continue playing in the background.
2. Press the ⏻ button for the display to return to previous display.
3. Press ⌂ button to switch to Home screen display.

Adjusting the Volume

Press the VOL+ to increase the volume. Press the VOL- to decrease the volume. The volume will be displayed overlapping the touch screen for 4 seconds. Press any area of the touch screen to immediately cancel the volume display.

* The volume level is from 0 (minimum) to 40 (maximum). The factory default setting for this volume is "10".

Mute Function

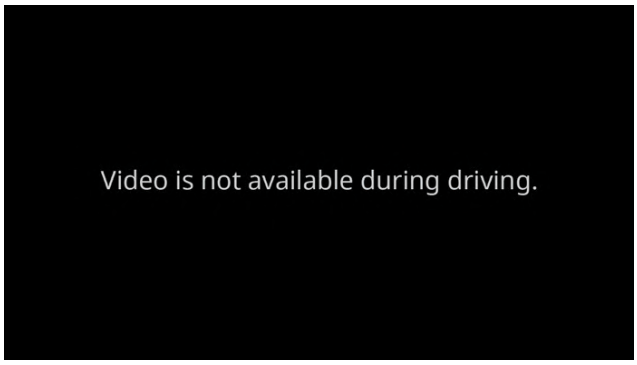
Press the 🔇 button to activate the mute function. Press the button again to unmute.

Notes:

- The mute function is applied to both volume gains, but it cannot function while in a phone call.
- Mute will be released by phone call interrupts. Ongoing voice guidance from navigation applications will not release mute.

Parking Brake Safety

The video at the unit can only be displayed when the parking brake is enabled (when the car is parked). The audio portion of the video can still be played, but a notification screen will be displayed in place of the video display.



Video Output

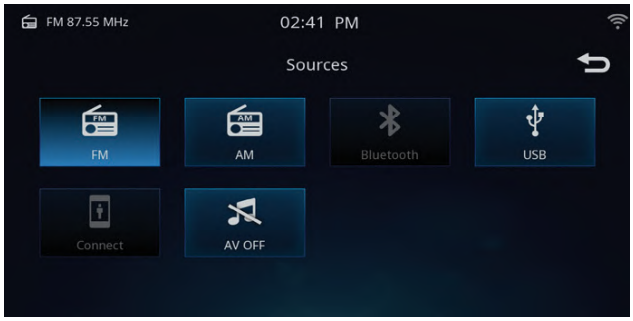
If an external monitor is connected to the head unit, passengers in the back seat can watch the video separately.

Notes:

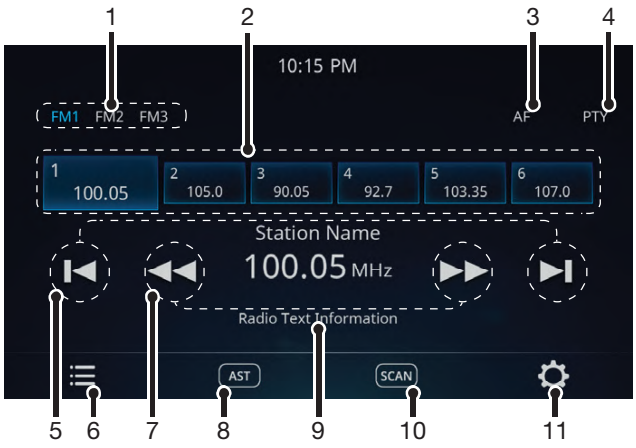
- The external monitor can only mirror videos from the USB connected to the unit.
- Mirrored videos can be displayed even if the parking brake is disabled (when the car is moving).

6. RADIO MODE OPERATIONS

Listening to the Radio



1. Tap button on Home Screen and sources screen will displayed.
2. Press the or button to select one of the designated bands. Each time the button is pressed, the display will switch to the designated band.



1. Band Select
2. Preset list
3. AF
4. PTY list
5. Auto Seek
6. Station List
7. Manual Seek function
8. Auto Store
9. Radio Text
10. Scan
11. Settings

Band Select
Tap [FM1,FM2,FM3] button to change the current band of radio. Each band contain 6 presets.

Storing preset memory
Preset memory function can store 6 stations for each band.

1. Press the or button to select the desired band.
2. Press the / button to tune into a desired station.
3. Press and hold the preset to save the current frequency under preset list.

Notes:
- The present memory will be reset after disconnecting the vehicle battery.

Recalling Preset Memory

Pressing the station/frequency in the preset list will recall the stored radio frequency.

Auto Seek

1. Press the button to perform seeking in the direction of higher frequencies.
2. Press the button to perform seeking in the direction of lower frequencies.

Station List

1. Press the button to display the FM/AM Station List screen.
2. In the Station List screen, browse through the list of stations and tap on the required radio station to save in the preset list.
3. Press to refresh the station list.

Manual Tuning

1. Press the button to perform a single step in the direction of higher frequencies.
2. Press and hold the button to continuously search for higher frequencies.
3. Press the button to perform a single step in the direction of lower frequencies.
4. Press and hold the button to continuously search for lower frequencies.

Auto Store
Auto store is a function for storing the valid stations that are automatically tuned in sequentially. If receivable stations cannot be found then the remaining memory locations will retain the previous station selections.

Press the button to begin auto store function.The first 6 stations received are stored automatically into the preset list of the current radio band in the ascending order of the frequencies.
The system searches for the available radio stations. The first 6 stations are stored
in the presets of the current radio band in the ascending order of the frequencies.

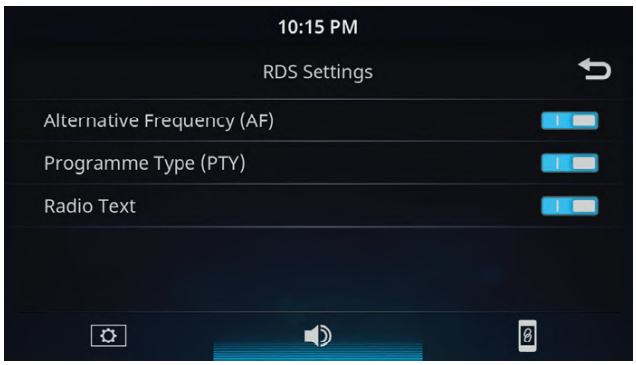
Radio Text
Display Radio Text data transmitted by RDS stations.

Scan
Scans is a function for scan a valid station and dwells for specified time.

1. Press the button to begin the Scan function.
2. Press the button to choose a station being scanned during the scan dwell time.

Settings
Press to display System Setting screen.

7. RDS OPERATIONS (If equipped)

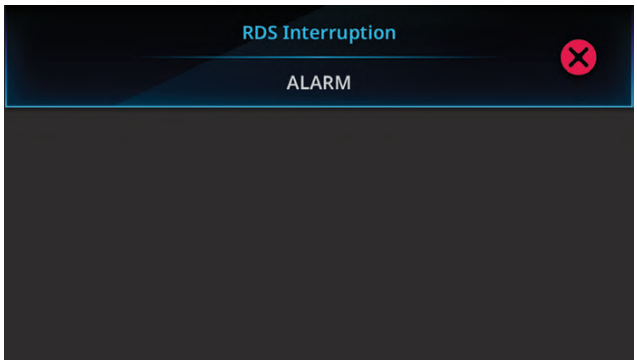


RDS (Radio Data System)
This unit has a built-in RDS decoder system that supports broadcast stations transmitting RDS data. This system can display the name of the broadcast station being received (PS) and can automatically switch to the broadcast station with the best reception as you move long distances (AF switching).

The RDS feature consists of:
- PTY : Programme Type
- AF : Alternative Frequency
- PS : Programme Service

* RDS interrupt does not function during AM radio reception.

* When set receives RDS signal, and can read PS data, PS Name appears in the display.



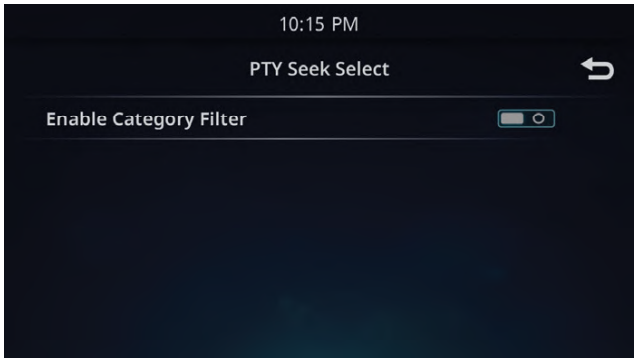
Emergency Broadcast
If an emergency broadcast is received, all the function mode operations are stopped. The display will change accordingly.
Press the ⊗ button while an emergency broadcast is being received. The emergency broadcast reception is cancelled and the unit returns to the previous mode.

PTY (Programme Type)
This function enables you to listen to a broadcast of the selected programme type even if the unit is on a function mode other than radio.

* Some countries do not have PTY broadcast.

Programme Type (PTY) Settings
1. In the Media setting screen, Tap RDS settings.
2. Programme Type (PTY): Select to enable / disable Programme Type (PTY) function.

Selecting PTY



1. Press PTY button at homescreen to enable Category Filter .
2. There are 5 PTY items that can be selected.

To select programme types, tap the desired programme type. A programme type is selected when the check mark is displayed in the checkbox.

Volume Setting of Emergency Broadcast, and PTY
The volume for emergency broadcast can be set during their respective interrupts.

* The factory default setting is “10”

During emergency broadcast, press VOL / VOL to set the volume to the desired level (0 to 16).

* When the broadcast ends, volume returns to the previous level before the interruption.

AF (Alternate Frequency) Function
The AF function switches to a different frequency on the same network in order to maintain optimum reception.
1. In the Media setting screen, tap RDS settings.
2. Alternative Frequency (AF) : select to enable/disable AF function.

8. USB MODE OPERATIONS

USB

This system can play audio files (MP3/WMA/AAC/FLAC/WMV) stored in an USB memory which is recognized an “USB Mass Storage Class device”. You can use your USB memory as an audio device by simply copying desired audio files into it.

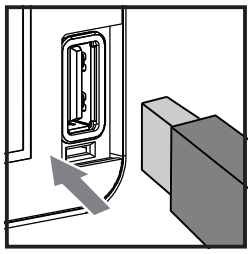
Mode	USB
File System	FAT 16, FAT 32, exFAT

Notes:
- This system will not operate or may operate improperly with some USB memory.
- Files protected with any DRM cannot be played.

About USB memory device

- USB is an acronym for Universal Serial Bus, and refers to an external bus standard supporting data rates of 480 Mbps.
- This unit is compatible with USB 1.1, 2.0 and BC 1.2 with maximum data transfer rates of 480 Mbps.
- USB memory devices that can be played by connecting to the unit’s USB cable are limited to those recognized as “USB mass storage class devices”; operation is not guaranteed with all USB memory devices.
- Devices compatible with “USB Mass Storage Class” can be used merely by connecting to the host device, without need for special drivers or application software.
- Consult the manufacturer of your USB memory device for information regarding whether it is supported by “USB Mass Storage Class” standards.
- To prevent the accidental loss of data, always back up important data on your computer.
- This unit does not support connections to a computer. In addition, connections made through a USB hub device are also not supported.
- When a USB memory device is composed of two or more drives, only one of the drives will be detected.
- USB memory devices with security functions cannot be played.
- The order in which tracks are recorded may differ depending on the USB memory device connected (the actual playback order may not be the same as that indicated on your computer’s display).

Connecting a USB memory



- Connect the USB memory device into the port with the correct orientation.
- Incomplete connections may cause the USB memory device to be unreadable.
- Depending on the number of tracks stored in the USB device, this unit may take some time to read the storage before playback can begin.
- USB memory devices may have different shape depends on brands. Some USB memory devices may not be able to plug into the port due to the shape design. Please use an extension cable instead.
- Please reconnect the USB memory device when it cannot be detected properly.

Note:
- Do not forcibly connect the USB memory device to the port with incorrect orientation as this will damage the USB memory device as well as the USB slot.

Video/audio playback with USB memory device

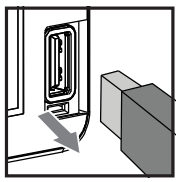
1. Plug in your USB in the USB port.
2. Once the connection is successful, the system indicates to you that a USB source is connected. The system also enables in the Media Source List screen.

Note:
- If you reconnect the same device that you disconnected last, the system will playback where it left off.

CAUTION
- Always backup and save important data on your computer.

Unplug the USB memory

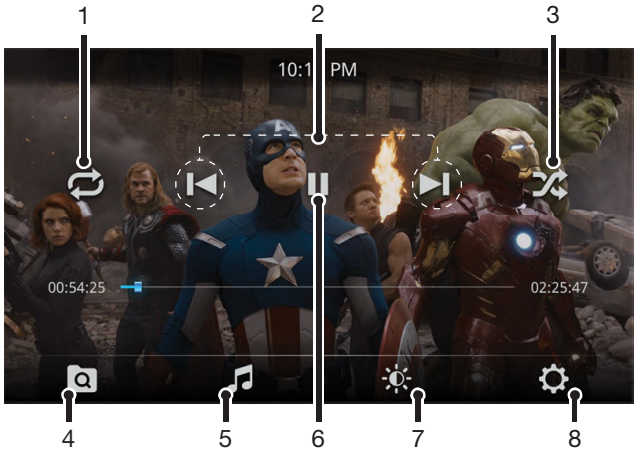
When the USB memory device removes from the USB slot during playback or reading, the playback stops immediately and the unit will return to the source screen.



Notes on using USB memories
- If the device has no supported files, “No File Available” is displayed.
- If you reconnect the same device that you disconnected last, the system will resume the last playback position.

9. USB VIDEO OPERATIONS

Showing video mode screen



1. Repeat Toggle
- To toggle between the 2 repeat options, repeat List and repeat Track.

2. / Next / Previous / Fast Forward / Fast Rewind
- Short tap : To play next or previous video.
- Long tap : To Fast Forward or Fast Rewind the video.

3. Media Shuffle
- To toggle between playing the media source tracks in a sequence or enabling shuffling. i.e. playing the tracks in random order.

4. Video Browse
- Tap to display the Video List Screen.

5. Songs
- Tap to display USB Media screen. It will be disabled if no audio file inside connected USB device.

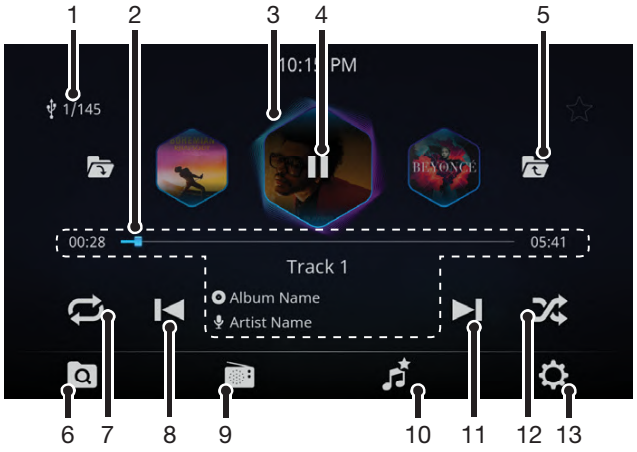
6. / Pause / Play
- Tap to Pause / Play the video.

7. Video Display Setting
- Tap to display Video Display Setting Screen.

8. Setting
- Tap to display Media Setting Screen.

Playing Video Files
- Support Video Codec for this unit are: MPEG1, MPEG2, MPEG4,H.263, H.264 files with the extension code <.avi>, <.mpg>, <mpeg>, <mkv>, <mp4>.
- Normal playback is not guaranteed if video file format is not converted properly.
- Certain video file format stops playing if you switch to another source while playing it. You cannot play from the last play back position if you switch back to USB. “Unsupported format” will be displayed on the LCD if the file unable to meet above condition.

10. MEDIA SCREEN OPERATIONS



1. / / Current Audio Source
- Displays the icon of the audio source currently playing.

2 Current Track Information
- Displays the details of the currently playing track.

3 Album Art
- Displays the album art of the current active track. In case album art is not available, default album art image will be displayed.

4 / Play / Pause button
- To toggle between playing and pausing.

5 / Folder Up / Down
- To skip playback to the next tracklist or to the previous tracklist.

6 Media Browse
- Use the tab to display the Media Browse screen. You can browse through the media files of the currently playing media source.

7 / / Repeat toggle (folder browsing)
- To toggle between the repeat options : repeat all, repeat track and repeat folder.

8 Previous Media Track
- Short press: Moves to the previous media track.
- Long press: Starts fast rewind and continues till the button is released.

9 Video Button
- Toggle between Video / Audio playback. Button will be disabled if there is no video file inside.

10 Audio Favourite List
- Display audio Favourite list if available.

11 Next Media Track
- Short press: Moves to next media track.
- Long press: Starts fast forward and continues till the button is released.

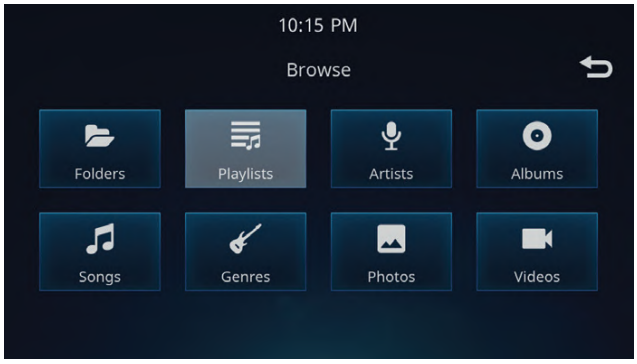
12 / Media Shuffle
- To toggle between playing the media source tracks in a sequence or enabling shuffling, i.e. playing the tracks in random order.

13 Setting
- To go to Setting Screen.

Setting a Track as favourite
- Press beside the track information. The system adds the currently playing track to the Favourites List.
- This functionality is only supported for USB.

Playing Audio File
- This unit may be unable to play back some USB memories or some file due to their characteristics or recording conditions:
- Depending on the shape of the USB memories and connection ports, some USB memories may not be attached properly or the connection might be loose.
- This unit can playback MP3 / WMA / M4A / WAV files meeting the conditions below:
- File: MPEG 1, 2 or 2.5 Layer 3 (MP3); Windows Media Audio 7 / 8 / 9 (WMA); MPEG4 AAC (M4A); PCM / ADPCM (WAV)
- Bit rates (kbps): 8 - 320.
- Sampling Frequency (KHz): 8 - 48.
- This unit can play back USB memory's file recorded in VBR (variable bit rate).
- Some MP3 / WMA / M4A files may not play on this unit because of non standard bit rates and sampling frequency.

Browsing Through The Media Content
1. Press button, the system displays the Media Browse screen with the different media categories like Folders, Playlists, Artists, Album or Genres and so on supported in the media source.
2. Press on the required category. The system displays the list of media tracks under the selected category.



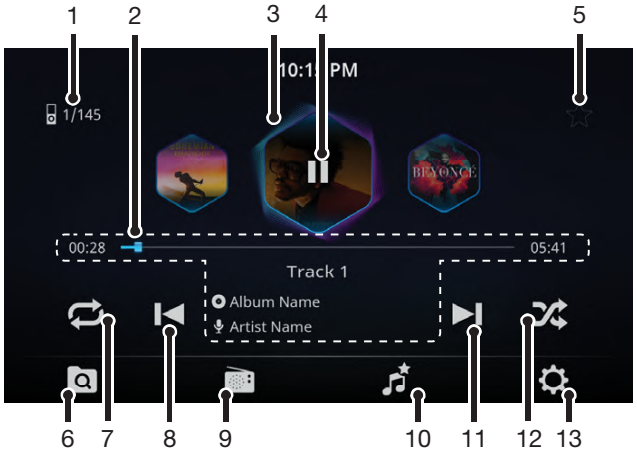
Managing Music Volume
- Press the or control elements to increase/ decrease the volume.

Muting / Un-Muting the Volume
- Press the control element. The system mutes the media volume and pauses the track. Press the control element again to unmute the volume.

11. iPod/iPhone OPERATIONS

This section describes operations when connected to an Apple iPhone via the USB slot.

Notes:
- The unit may not operate properly with unsupported devices or unsupported versions.



1 Current Audio Source	8 Previous Media Track
2 Current Track Information	9 Radio button
3 Album Art	10 Audio Favourite List
4 Play / Pause button	11 Next Media Track
5 Add to favorite button	12 Media Shuffle
6 Media Browse	13 Setting
7 Repeat Toggle	

Select iPod Mode

When an iPod is successfully connected, the connection will be indicated by the system.

1. Press in the Media browse screen.
2. System will start playback from the last played track of iPod.

Play/Pause Playback

1. Press the button to pause during playback.
2. Press the button to resume playback.

Switch to Previous/Next Track

Press / button during playback to play previous/ next file.

Fast Forward/Backward

Press and hold the / button to start fast backward or fast forward during playback. Releasing the button will resume playback at normal speed.

Note:
- The fast forward and fast backward speed may differ depending on the iPod.

Repeat Play

1. Press the button to select the repeat status for playback. The text will change accordingly.
2. Every time the button is pressed, the text will change as:

Repeat Off → All Repeat → Track Repeat → Repeat Off

- **Track Repeat**

Has the same behaviour as the ONE TRACK REPEAT status of iPod.

- **All Repeat**

Has the same behaviour as the ALL REPEAT status of iPod.

- **Repeat Off**

In this status, none of the tracks are repeated.

Note:
- Repeat Play for Audiobooks, Podcasts and iTunes radio will not be available.

Shuffle Play

1. Press the button to select the shuffle status for playback. The text will change accordingly.
2. Every time the button is pressed, the text will change as:

Shuffle Off → Shuffle On → Shuffle Off

- **Shuffle On**

Shuffle On is equivalent to Shuffle Songs in the iPod.

- **Shuffle Off**

Shuffle play is turned off.

Note:
- Shuffle Play for Audiobooks, Podcasts and iTunes radio will not be available.

Apple Radio mode

Press to play Apple Radio music, the function will be disabled if Apple Radio Music is not available inside connected device.

Supported iPod/iPhone

iPhone 12 Pro Max	iPhone XR
iPhone 12 Pro	iPhone X
iPhone 12 mini	iPhone 8 Plus
iPhone 12	iPhone 8
iPhone SE (2nd Generation)	iPhone 7 Plus
iPhone 11 Pro Max	iPhone 7
iPhone 11 Pro	iPhone 6S Plus
iPhone 11	iPhone 6S
iPhone XS Max	iPhone SE
iPhone XS	

12. Bluetooth® AUDIO PLAYER OPERATIONS

Some Bluetooth mobile phones have audio features, and some portable audio players also support Bluetooth connectivity. This system can play audio files stored in a Bluetooth audio player.

Note:
- This system will not operate properly with some Bluetooth audio players.

Select Bluetooth Audio Mode

1. Pair your smartphone with the system. Refer to the "Establish Connection" on page 17 section for the steps and more information on pairing your smartphone with the system.
2. Once the pairing is established, in the Paired Devices screen, ensure that the pairing option is enabled for your smartphone.
   The system also enables in the Media Source List screen.

Controlling the Bluetooth Audio Player

Note:
- Occasionally, depending on the environment, playback sounds may be fragmented, or switch noises may be generated.

Playing Music

After the connection with a Bluetooth audio player is established, the play mode is automatically engaged.
- When playback is not started for some devices, press the button manually.

Play/Pause Playback

1. Press the button to pause playback.
2. To resume playback, press the button.

Switch to Previous/Next Track

Press the / button during playback to play previous/next file.

Fast Forward/Backward

Press and hold the / button to start fast backward or fast forward during playback. Releasing the button will resume playback at normal speed.

Notes:
- The fast forward and fast backward speed may differ depending on the Bluetooth audio players.
- The fast forward and fast backward function may not be available depending on the Bluetooth audio players.

13. Bluetooth TELEPHONE OPERATIONS

Bluetooth operation
Compatible device
- Make sure your mobile phone supports Bluetooth profiles of HFP (Handsfree for mobile phone), A2DP (Stereo music streaming) and AVRCP (Remote control function).
- Only mobile phones with Bluetooth version v5.0 and above are supported.
- Mobile phones with incompatible Bluetooth firmware or operating system firmware may cause unstable Bluetooth pairing.

Caution:
- Taking calls while driving may pose risks to your own safety and the safety of your passengers. Kindly follow the local laws and regulations.
- Appropriately pair, connect and adjust the volume level of incoming calls in advance before driving.
- Safely park your car and ensure the brake is engaged before making a call.

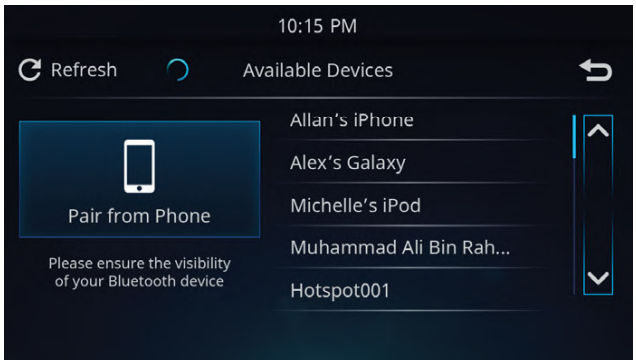
Establish connection
To establish connection between the system and your Phone, perform the following steps:
- Enable Bluetooth on your phone
- Pair phone with the system
- Manage the paired devices

Notes:
- Please refer to the instruction manual of your phone on how to set up a Bluetooth connection.

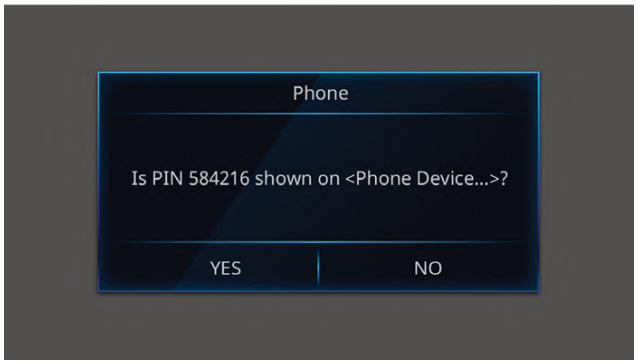
Enable Bluetooth
Turn on Bluetooth and device visibility on phone.

Pair devices
A maximum of 10 devices / phones can be paired with the system at any given point of time. There are two ways of pairing your phone with the system:
- Initiating from the system
- Initiating from the phone

Initiating from system
1 When connecting for the first time, tap the + touch button. The system displays the Available Devices screen. If there is a paired device available, the Paired Devices screen will be displayed.
2 In the Paired Devices screen, tap to add new device.
3 In the Available Devices screen, scroll through the list of devices and select your phone.



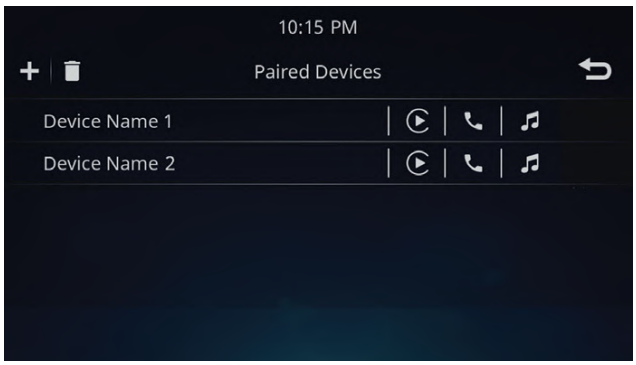
4 Audio system default name is "My Car" and confirm the 6-digit passkey is the same on both mobile phone and audio system.



5 Select / deselect the options for which Bluetooth profile you want to pair with your phone.
6 When an access PIN is displayed on both the system and your phone, click YES.
7 After successful pairing of the devices, phone will be displayed in the Paired Devices screen. The system attempts to download the call logs, contacts and favourites from your phone to the system. Once the download is completed, the system displays the Call Log screen.

Initiating from phone
1 Select Pair from Phone option. The system will display the 2 Bluetooth functions (Phone and Music)
2 Select the required Bluetooth functions. Now the system is discoverable on phone with the name "My Car" default System's Bluetooth name.
3 Search for the available Bluetooth devices in your phone and select "My Car" from the list of available devices.

Manage Bluetooth paired devices



1 Displays the Available Devices screen to initiate a new pairing request
2 Used to remove the device from the paired device list.
3 Display connectivity status of Apple CarPlay. (if connected)
4 Bluetooth (HFP) Profile for call connection status
5 Bluetooth (A2DP) Profile for audio connection status

Caution:
To connect the phone to the device again, proceed as described in the section “Pair Devices” on page 17.

- If the phone is unpaired, its phonebook and call logs are deleted.
- If 10 devices are already paired with the system, you will be unable to pair any more devices until you delete a paired device.
- If the phone is unpaired during an active call, the call is interrupted. The call can be continued on the phone, if the phone supports this

Phone Functions

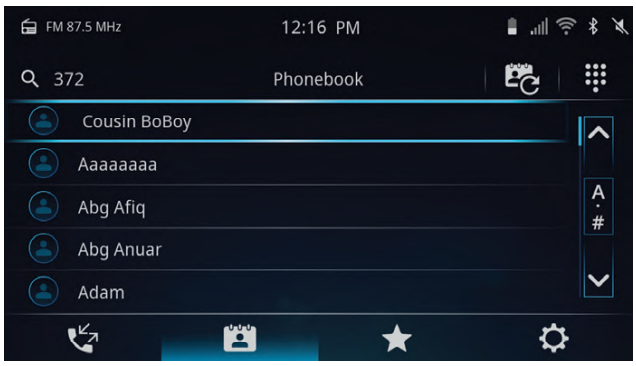
- Using call logs

Tap on the required call / contact. The system dials out to the contact using the same number that was available in the call log.

Using phonebook

- Tap displayed in the bottom bar. The system displays the Phonebook screen.
- Scroll through the contacts list.
- Tap on the required contact. The system displays the details of the selected contact.
- Select the required contact number.

Using contact search



- In the Phonebook screen, tap .
- Using the keypad displayed, enter a character or the required name. The system displays the list of contacts / specific contact that matches the search criteria.
- Select the required contact from the list and tap OK. If only one contact is displayed, just tap OK.

Using dialpad search

- Tap on the top bar.
- Enter few or all numbers of the contact.
- Select the required contact from the displayed list.

Using favourite contacts list

- Tap displayed in the bottom bar.
- Select the required favourite contact from the list. The system displays the details of the selected contact.
- Select the required contact number, if multiple numbers are available.

Managing an incoming call

- to reject the incoming call.
- to reject the incoming call with a message.
- to accept an incoming call.

Caution:

- The “Reject with SMS” function will be disabled if the Sending SMS option is not supported by the phone.
- The call function through third party applications is not guaranteed and may have limited support.

Managing second incoming call

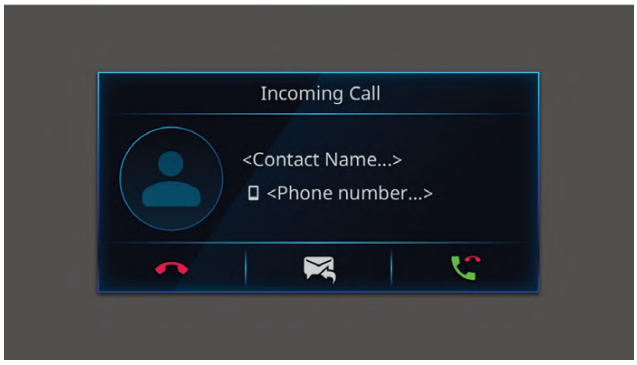
- to reject the incoming call.
- to reject the new call with amessage.
- to end the active call and accepts the new incoming call.
- to put the active call on hold and accepts the new incoming call.

Caution:

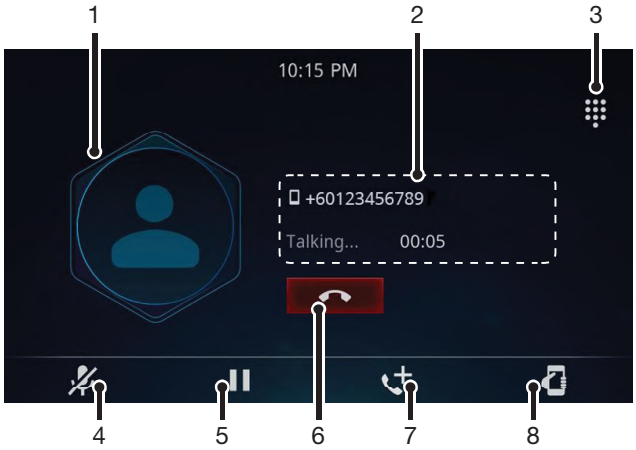
- Depending on what the Caller ID Notification Service is used, the caller’s phone number or name may not be displayed.
- Audio quality during ongoing call is dependent on phone and network provider.
- Delivery of SMS using reject with SMS functionality is network dependent.

Managing third incoming call

- To reject the incoming call.
- To reject the incoming call with a message.
- To end the call that is on hold, to hold current conversation and accept the new incoming call.
- Tap . The other active call will automatically go on hold.

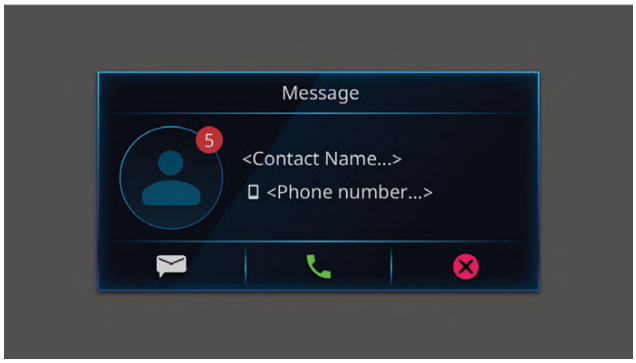


Managing active call



1 If contact image is not available, a default image will be displayed.
2 Display the contact name, contact number, status of call and duration of current call.
3 Displays the dialpad.
4 Mute/Unmute current active Call.
5 On-hold/Resume current active call.
6 Ends an active call.
7 Displays the call log screen to add new call.
8 Switches between handsfree mode or private (phone) mode.

Messages (SMS)



- To preview incoming SMS text message.
- To call sender.
- To dismiss / close the incoming SMS text message reading.

Activating smartphone voice recognition
- Connect phone to the system through Bluetooth. Refer to the section “Establish Connection” on page 17.
- Press to activate Voice Recognition (VR).

Caution:
- Bluetooth VR will work only if the phone is paired for Phone Bluetooth Function.
- Bluetooth VR is unavailable when Apple CarPlay session is active.

14. APPLICATIONS

Smartphone linkage
The system allows to access the smartphone contents through the following Smartphone Linkage modes:

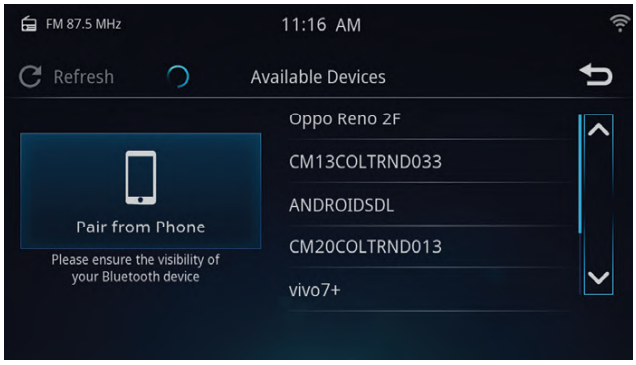
- Apple CarPlay

Connect your smartphone to the system through USB or wireless to launch Apple CarPlay.

*Connected phone status is displayed in paired device list.

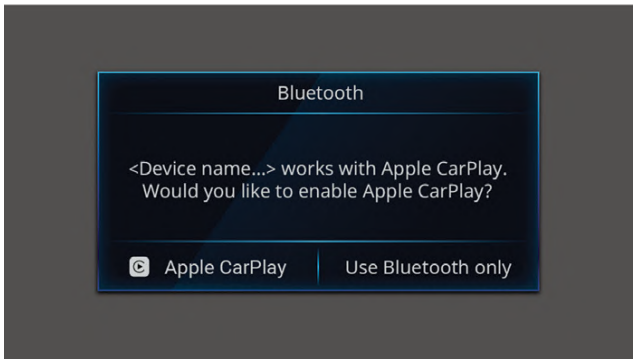
Getting set up with a USB cable

- Apple CarPlay App is by default installed on your iOS device (iOS 8.0 and above).
- Plug a USB cable into your vehicle's USB port. Connect the other end of the cable into your iPhone.
- On your phone, you'll receive a prompt to set-up Apple CarPlay. Follow the prompts on your phone to accept the permissions that Apple CarPlay requires.
- Apple CarPlay is now connected and will launch automatically.

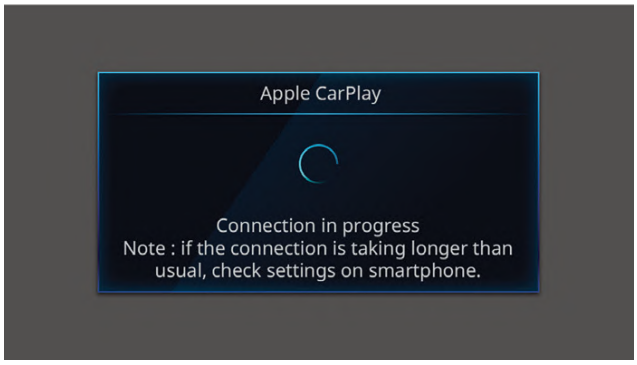


Getting set up with wireless

To connect through wireless CarPlay, connect iPhone through Bluetooth as specified on page 17.



1. When a phone linkage pop-up appears, select Apple CarPlay.

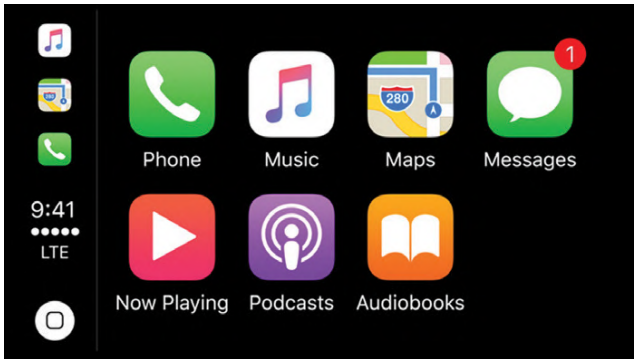


2. Once the connection is successful, Apple CarPlay interface is displayed and CarPlay icon will appear on paired device screen.

Launching the Apple CarPlay

- In the Home screen, tap tile. The system displays the Apple CarPlay Home screen with the supported list of apps.

- To activate Siri (voice recognition) press and hold the Voice Recognition (VR) icon. When presented with the activation indicator (waves), you can speak your voice action.



About Apple CarPlay

- The Infotainment System supports Apple CarPlay when used in conjunction with your iPhone. You will be able to use functions in your iPhone directly on the screen of the Infotainment System.
- Apple CarPlay is a service provided by Apple, Inc. bounded by their terms and conditions. When using Apple CarPlay, information will be sent from your vehicle (including its position) to the connected iPhone. You will be solely responsible for anyone using the service on your vehicle.
- The Infotainment System only acts as an intermediary interface for accessing iPhone functions.
- Features and behaviors are dependent on the iPhone model, the iOS version, the app, and the media file played.
- Requires iPhone 5 or later.
- Refer to official announcements for more information of Apple CarPlay. Please visit https://www.apple.com/ios/carplay
- You may find answers, ask questions and connect with official community of Apple users by visiting https://discussions.apple.com/welcome

About Android Auto

- Android Auto™ will be available when the service is officially launched in Malaysia.
- Functions may vary depending on smartphone model.

Note: If you have Android 9 or below, get the Android Auto app on your phone. With Android 10, Android Auto is built in—so you don't need the app to get started.

15. SETTINGS OPERATIONS

Manage system settings

Tap . The system displays the System Settings screen.

Managing display settings

- The system displays the current mode of the vehicle on this option. Auto will be default mode. If the headlights of the vehicle are switched ON the system will be in Night mode, else it will be in Day mode.

Changing display brightness

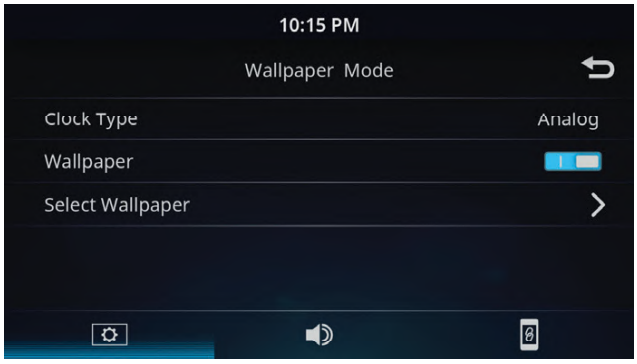
- Tap Brightness.
- Tap the + or the - at Brightness item to set the brightness to a value in the range of 0 to 20.

Changing display contrast

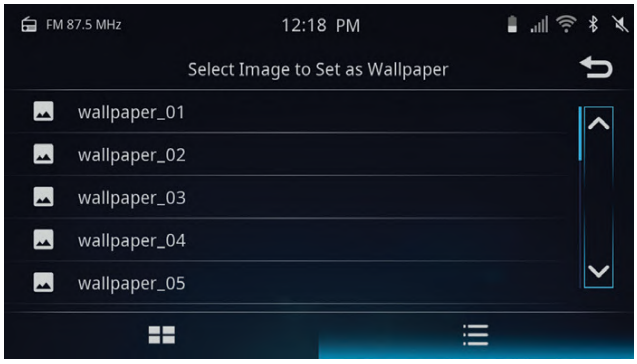
- Tap Contrast.
- Tap the + or the - at Contrast item to set the contrast to a value in the range of 0 to 20.

Displaying wallpaper mode

- Tap Wallpaper Mode. The system displays Wallpaper Mode screen.
- Tap Clock Type to choose among the available options.



- Tap Wallpaper to enable/disable wallpaper option.
- Tap select wallpaper and select among available options.

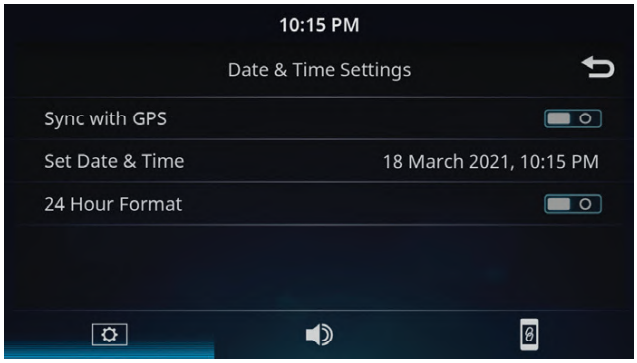


Managing date and time settings

- Displaying the date and time settings screen
- Tap the Date & Time option. The system displays the Date and Time Settings screen.

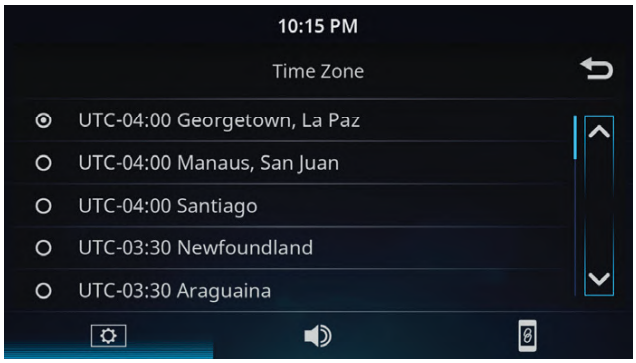
Enabling synchronization with GPS

In the Date & Time Settings screen, tap Sync with GPS to enable and disable synchronization with GPS.



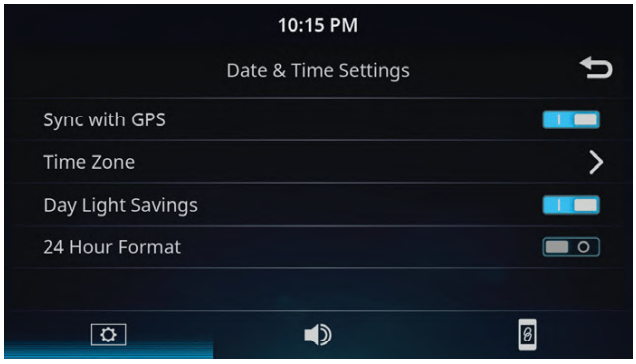
Automatically setting date and time

- Ensure Sync with GPS option is enabled.
- Tap the Time Zone option. The system displays the Set Time Zone screen.
- Scroll through the time zones list and select the required time zone.



Manually setting date and time

- Ensure Sync with GPS option is disabled.
- Tap the Set Date & Time option. The system displays the Set Date & Time screen.
- In the screen, select the required date, month, year, hour, minute and time period (AM / PM) using the ^ and v arrows.
- Tap SET.



Enabling day light saving

Tap Day Light Savings. The system enables the day light savings for the current time zone.

Enabling 24 Hour Format

Tap 24 Hour Format. The system enables the 24 hour format.

Managing keypad display

- While driving, the system keypads (Smart search keyboard, Rename head unit keyboard) are locked to avoid distraction. To disable the setting:
- In the System Settings screen, tap Lock Keypad While Driving option.

Managing scroll through steering wheel controls

To enable scrolling of lists using steering wheel controls, perform the following steps: In the System Settings screen, tap Scroll Through Steering Controls.

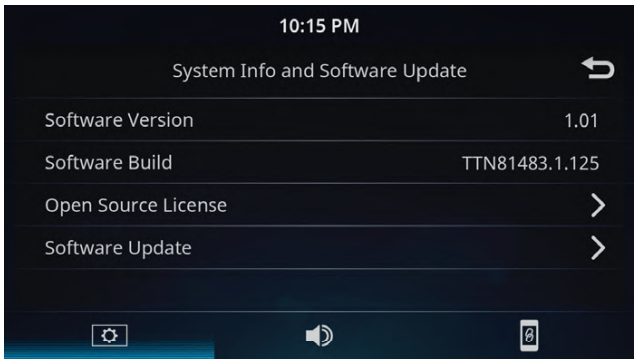
Managing attenuate volume during reverse

Tap Attenuate Volume During Reverse option to enable or disable Attenuate Volume During Reverse.

Viewing system details

To check the current version of the system software:

- Tap System info and Software Update. The system displays the Software Version, Software Build, Open Source License and Software Update.
- The system uses open source license. To view information about it, tap Open Source License in the System Information screen. The system displays the Open Source License screen with the details.



Reset to factory settings

- When you reset the system to the factory settings, the following changes that you made in the system will be lost:
- All changes made to the general settings, system, audio, tuner and phone settings will be reset to default.

To reset the system to factory settings:

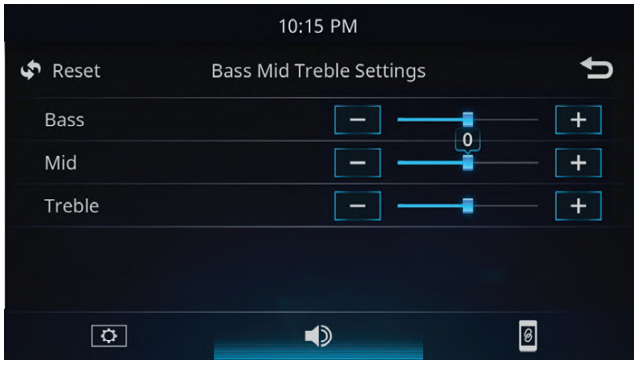
- In the System Settings screen, tap Reset to Factory Settings. The system prompts you to confirm whether you want to reset all settings to factory defaults.
- Tap YES. The system will start resetting all settings to factory defaults.

Manage media settings

Tap the icon. The Media Settings screen with the available options is displayed.

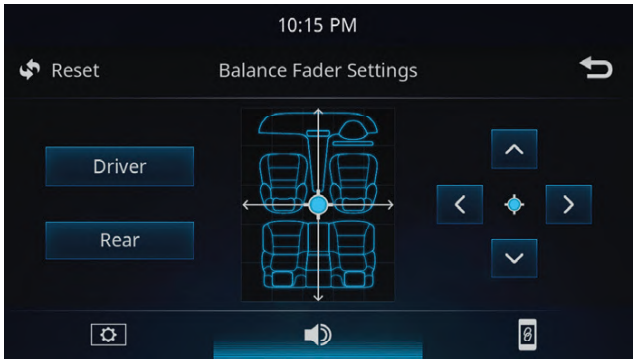
Setting bass, mid and treble

Tap − or + to decrease or increase the current value in the range -9 to +9. The default value of the fields is 0.



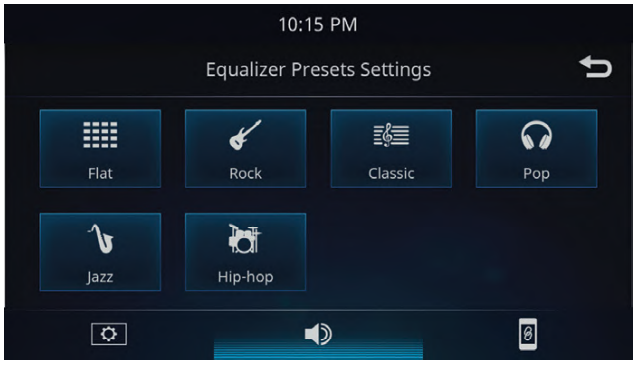
Setting balance and fader

Using the , , , arrows change the sound distribution in your vehicle.



Setting equalizer presets

Tap on the required Equalizer Preset icon.

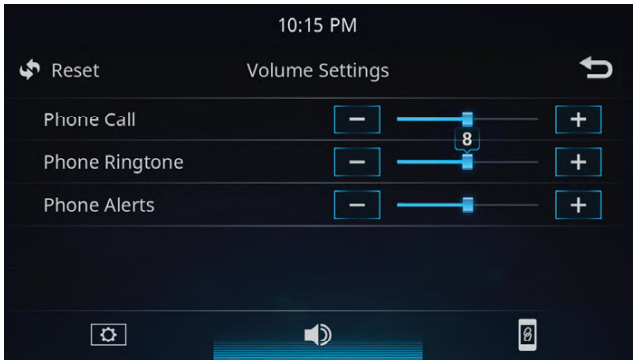


Setting volumes

Using the Volume setting options, you can set the volume of:

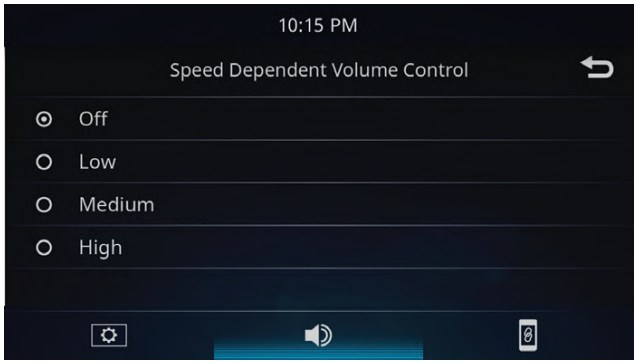
- Phone calls attended/made using the system
- Phone ringtone
- Phone alerts

Tap - or + to increase or decrease the current volume in the range.



Managing speed dependent volume control

In the displayed screen, select the required Speed Dependent Volume Control option (Off / Low / Medium / High).



Setting system beep

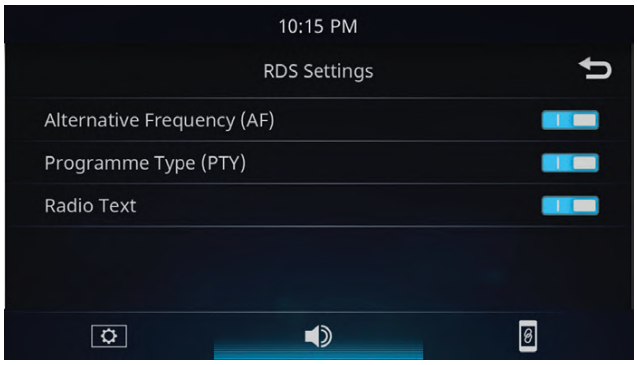
Tap system beep to enable / disable beep sound of infotainment system.

Setting AM active

Tap AM active to enable / disable AM active function.

Setting Radio Data System (RDS)

In the RDS Settings screen, browse through the list of stations and tap on the required setting.

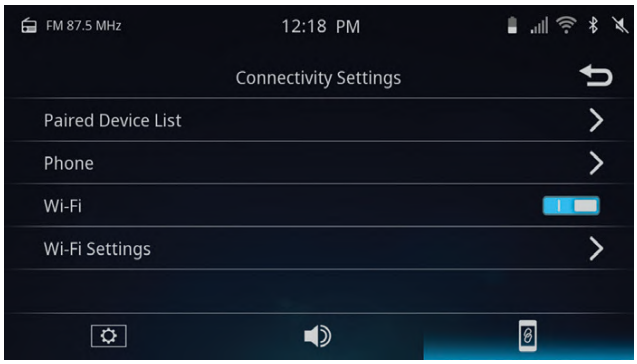


Seek channel with current band

Tap Seek preset within current band to enable / disable cross-band / preset up / down while using steering wheel remote control.

Manage connectivity settings

Tap the icon. The Connectivity Settings screen with the available options is displayed.



Managing paired device

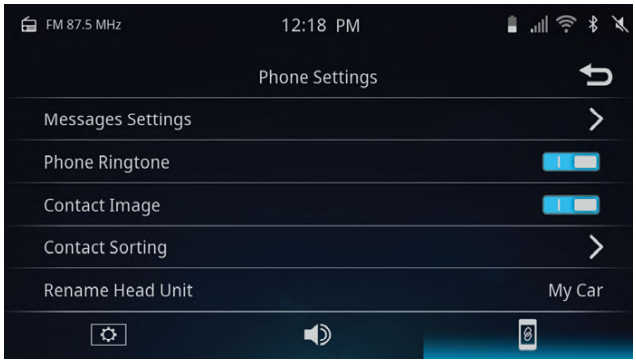
Tap Paired device list will display following screen.

- If there is any paired device, system will go to Paired Device screen.
- If there is no paired devices, system will go to Available Device screen.

Managing phone settings

In the Phone Settings screen you can perform the following actions:

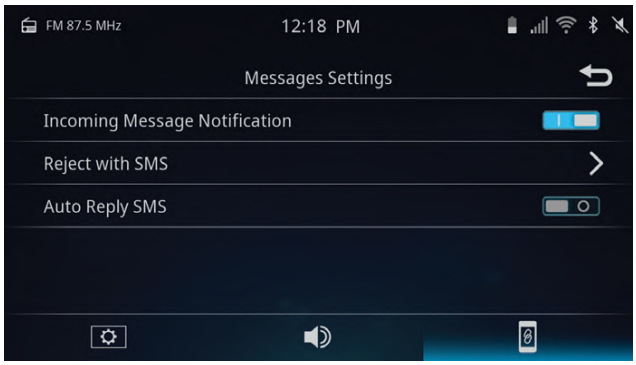
- Handle Message Settings.
- Enable / disable the phone ringtone.
- Enable / disable Contact Image .
- Sort the Contacts.
- Rename Head Unit.



Managing message settings

In the Message Settings screen you can perform the following actions:

- Enable / disable the notification of incoming messages.
- Handle Reject with SMS settings.
- Enable / Disable Auto reply SMS.



Enabling phone ringtone

The system will play your smartphone ringtone when an incoming call is received. However, this feature is supported only if your smartphone projects its ringtone to the system.

Enabling contact image

The system will show contact image when an incoming call is received.

Sorting contacts

You can choose any one of the following sorting methods:

- First Name, Last Name
- Last Name, First Name

Renaming head unit

Enter the new name using keypad and tap OK.

16. IMPORTANT INFORMATION

If your unit is showing errors like below,
In the event the errors cannot be fixed with the following solutions, have the vehicle inspected by an authorised Toyota Service Centre.

Possible cause	Action
The screen is difficult to see	
• The vehicle is in a dark area • The temperature around the lens is either high or low • The outside temperature is low • There are water droplets on the camera • It is raining or humid • Foreign matter (mud etc.) is adhering to the camera • There are scratches on the camera • White walls or bright objects produce glare on the screen • Sunlight or headlights are shining directly into the camera lens • The vehicle is under fluorescent lights, sodium lights, mercury lights etc.	Drive while visually checking the vehicle's surroundings. (Use the panoramic view monitor again once conditions of the camera and the surroundings have been improved)
The screen is blurry	
Dirt or foreign matter (such as water droplets, mud etc.) is adhering to the camera lens	Flush the camera with a large quantity of water and wipe the camera lens clean with a soft and wet cloth.
The screen is out of alignment	
The camera or surrounding area has received a strong impact	Have the vehicle inspected by an authorised Toyota Service Centre.
The guide lines are very far out of alignment	
The camera position is out of alignment	Have the vehicle inspected by an authorised Toyota Service Centre.
• The vehicle is tilted (there is a heavy load on the vehicle, tire pressure is low due to a tire puncture, etc.) • The vehicle is used on an incline	Drive while visually checking the vehicle's surroundings.
The estimated course lines are bent even though the steering wheel is straight (the estimated course lines do not match the vehicle width guide lines), or not displayed	
There is a malfunction in the signals being output by the steering sensor	Have the vehicle inspected by an authorised Toyota Service Centre.
A message "Signal cannot be detected" is displayed	
The connection to the camera is poor	Have the vehicle inspected by an authorised Toyota Service Centre.

17. SPECIFICATIONS

FM tuner

Frequency Range	: 87.50 ~ 108.00 MHz
Usable Sensitivity	: <15dBμV
Stereo Separation (1 kHz)	: >20dB
Frequency Response (±3dB)	: 100Hz: 0 ±3dB, 7kHz :-13 ± 6dB

AM tuner

Frequency Range	: 531 ~ 1629 kHz
Usable Sensitivity	: <34dB μ V

USB Port

Specification	: USB 2.0
File system	: FAT16, FAT32
Playable audio format	: MP3 (.mp3), WMA (.wma), AAC (.m4a), WAV (.wav), FLAC(.flac)
Playable video format	: MPEG-1 (.pg, .mpeg), MPEG-2 (.pg, .mpeg), MPEG-4 (.mp4, .mkv, .avi), H.264 (.mp4, .mkv, .avi)
Charging Power (USB)	: 1.5A (Android Phone)
	: 1A (Depends on iPod & iPhone)

Screen

Screen size	: 9 inch
Resolution	: 1280 x 720
Display type	: TFT Active Matrix Display

Bluetooth®

Version	: Bluetooth® 4.2
Frequency Range	: 2.4 ~ 2.5 GHz, ISM band
RF Power	: -6 ~ 4 dBm
Profiles	: HFP 1.7, A2DP 1.3, AVRCP 1.6, PBAP 1.2, SPP 1.2

General

Power Source Voltage	: 10.8 V ~ 15.6 V
Current Consumption	: Less than 10A
Weight of the Main Unit	: 1.82kg
Dimensions of the Main Unit	: 235.94 mm Width X 140.6 mm Height X 165.38 mm Depth
Maximum Power Output	: 25 W x 4ch
Operating Temperature	: -30ºC ~ +80ºC

CUSTOMER CARE

For Further information on the system, please contact your nearest UMWT Toyota Motor Service Branch or:

CUSTOMER RELATIONS MANAGEMENT (CRM)
No. 2. Persiaran Raja Muda, Seksyen 15,
40200 Shah Alam,
Selangor Darul Ehsan.

Toyota Freephone:

1800-88-TOYOTA (869682)

Operating hours	:	8.00 am - 5.30pm (Monday to Friday)
Website	:	www.toyota.com.my
Email	:	customersupport@toyota.com.my

TOYOTA

There will be some discrepancy in the contents of this user's manual due to the technical evolution and the software improvement. Please follow the actual fuction display. This manual is only for user's operating reference.