

## **Seek Tuning**

1. Press the [FM/AM] UI button to select the radio band(FM1→FM2→FM3→AM1→AM2).



2. Press the [Seek Forward] or [Seek Backward] key on the unit panel to automatically seek a station.



- ✓ When touching the [Seek Forward] key, the station is sought in the direction of higher frequencies.



- ✓ When touching the [Seek Backward] key, the station is sought in the direction of lower frequencies.



When digital audio is acquired, [Seek Forward] will change to SPS (MPS→SPS→Seek Freq). When



not acquired, [Seek Forward] will go to next frequency (Current Freq→Seek Freq).








If on SPS, [Seek Backward] will go to lower SPS or MPS (SPS→MPS→Seek Freq). If not acquired,







or on an MPS, [Seek Backward] will always be MPS→Lower Freq (not SPS).

## **Manual Tuning**

1. Press the [AM/FM] UI button to select the radio band (FM1, FM2, FM3 or AM1,AM2).

2. Press the right  knob on the unit panel to change to tuning mode. Rotate the knob clockwise, the frequency will go higher step by step. Rotate the knob counter-clockwise, the frequency will go lower step by step.
3. Touch the  or  UI button to change the frequency one by one step.
  - ✓ When touching the  key, the frequency will go higher with one step.
  - ✓ When touching the  key, the frequency will go lower with one step.




When digital audio is acquired,  will change to SPS (MPS→SPS→Next Freq). When not acquired,  will go to next frequency (Current Freq→Next Freq).

If on SPS,  will go to lower SPS or MPS (SPS→MPS→Next Freq). If not acquired, or on an MPS,  will always be MPS→Lower Freq (not SPS).

### **Rolling Display**

When the Genre and Text, Artist and title strings are too long to be displayed. The whole strings will roll from left to right three times, then the rolling will stop. Touching the strings will make them to roll three times again.

### **HD Radio subchannel tune**

When the digital audio is available, the  flag and the button  will appear. Touch the subchannel number button  will tune up to next available subchannel.

## Digital Sound

Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

## PSD

Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

## HD2/HD3

Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

## Artist Experience

## AE

Visual information related to content being played on your HD Radio receiver, such as Album Art, historical photographs, still art from live broadcasts, among other related content.

## 5 SXM Operations

This function is available when a Satellite Radio Receiver is connected through the dedicated connection..

**Note:**

Satellite radio is a subscription service.

Press the [SXM] button on Main Menu display. The system changes to the SXM. The SXM mode screen is displayed



1. Channel up button.
2. Play and pause button.
3. Channel down button
4. Show the channel is live.
5. Choose channel list.
6. Keypad Button.
7. Channel category type.
8. Channel list.
9. Current Channel Number / Category Name / Preset Number,etc.
10. Channel time

# 6 Settings Operation

## 6.1 Main Settings

Press [Settings] button on the Main menu screen. The Setting menu screen will be displayed.

Contains Main、Camera、Style、Tabs.



## 6.2 Set Bottom Tabs

1. A total of seven tabs are on the shortcut. Among them the third to the sixth users can customize. User can press [◀] or [▶] button to set different tabs.
2. While user sets tabs, the shortcut will be shown the same on each source.



## 6.3 Video Setup Menu



**TV Shape:** Set TV Shape Normal or Cinema.

**Set Day:** Set Day value from 0 to 20.

**Set Nigh:** Set Nigh value from 0 to 20.

**Auto:** Choose ON or OFF.

**Rear Zone:** Touch the [◀▶] key to select the Rear Zone source.

## 6.4 Audio Setup Menu

This menu contains: EQ、Speaker、Sub-Out、Volume

**EQ:** Set the audio sound effect

**Speaker:** Set the balance and fader

**Sub-Out:** Set the sound level and crossover

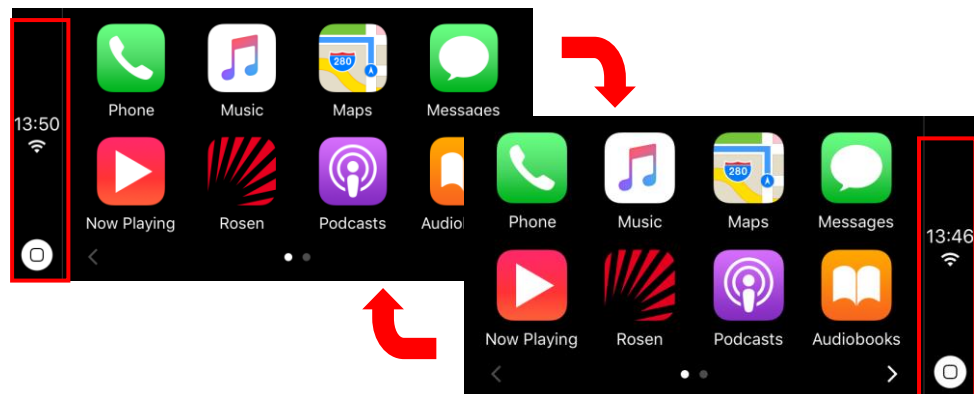
**Volume:** Set the volume and preamp for sources



## 6.5 Right/Left Hand Drive Mode

To change the location of home button of Apple CarPlay:

1. Go to “Video Setting” -> “CarPlay” menu.
2. Select “Left” or “Right”.
3. The location of home button will be changed.



## 7 iPod/iPhone Operations

1. Connect iPod/iPhone to the USB cable. (\*Note1)
2. The system will automatically detect the connected device. (\*Note2)
3. Touch the iPod Audio icon. iPod Audio mode screen will be displayed.

*\*Note1:*

*The USB cable with the label of “iPod/iPhone” only supports iPod Audio mode.*

*\*Note2:*

*When the device which does not support CarPlay or is disabled CarPlay on iPhone is connected, this system will work in the iPod Audio mode.*



### 1. PREVIOUS

- Touch the [⏮] key to choose the previous track.
- Touch and hold the [⏮] key to fast backward.

### 2. PLAY/PAUSE

- Touch the [⏸] key during playback to pause.
- Touch the [▶] key. Playback resumes.

### 3. NEXT

- Touch the [⏭] key to choose the next track.
- Touch and hold the [⏭] key to fast forward.

### 4. REPEAT

- Touch the [🔄] key to repeat the selected track.
- Touch once to start a single track repeat, touch again repeat off.

### 5. SHUFFLE

- Touch the [🔀] key to switch the shuffle mode on or off.

## 6. SEARCH

- Touch the [🔍] key to search with the first alphabet in current list.

## 7. LIST

- Touch the [☰] key to display the current play list, touch again to display the ID3 Information.

## 8. ALBUM ART WORK

## 9. ID3 INFORMATION

## 10. PROCESS BAR

- Touch the [🔍] on seek bar and drag it to any position where you want to start playback.

# 8 Pandora Audio

1. Launch Pandora application on your iPhone.
2. Connect iPod/iPhone to the USB cable. (\*Note2)
3. The system will automatically detect the connected device.
4. Touch the Pandora icon. Pandora mode screen will be displayed.

*\*Note1:*

*Please download and install Pandora application from iTunes store on the iPhone.*

*\*Note2:*

*The USB cable with the label of “iPod/iPhone” only supports Pandora mode.*



# 9 CarPlay Operations

## Selecting the CarPlay mode

Connect your iPod/iPhone to the USB connector. If the apple device support CarPlay, the system will automatically detect the connected device , the CarPlay button will be enabled for operation on the Main Menu screen and the CarPlay screen will automatically show on the unit.



*\*Note1:*

*Another USB cable is not supported for Apple CarPlay.*

*\*Note2:*

*During The connection of CarPlay, prohibit the use of Bluetooth.*


### **To go to Apple CarPlay screen**

- When you touch “Apple CarPlay” icon, “CarPlay” screen is displayed.
- When you touch “iPod Audio” icon, “CarPlay now playing” screen is displayed and start playback music.




## **10 Bluetooth Operations**

### **10.1 Bluetooth Paring**

1. Turn on the power of the cellular phone you wish to register.
2. Touch the [  ] key to display the Device Select screen.
3. Touch the [ **Add** ] key to display the Inquiring Device screen.






### **10.2 Bluetooth Setting**

1. Touch the [  ] key to display the Devices information on the screen.
2. Touch the [ **Setup** ] key to display the Setup information on the screen.



### 10.3 Telephone operations

1. Touch the [  ] key to display the Ten-Key pad screen.
2. Enter the telephone number by using the Ten-Key pad displayed on the screen.
3. Touch the [  ] (Send) key to call the number.
4. When the call is finished, touch the [  ] (End) key to hang up.



### 10.4 Bluetooth Audio Player Operations

1. Confirm that Bluetooth device is connected.
2. Press "HOME" button and choose "A2DP" source.
3. Bluetooth Audio mode screen will be displayed.



#### Pausing playback

- Touch the [  ] key during playback.

#### Playback pauses.

- To resume playback, touch the [  ] key. Playback resumes.

### Skipping a track

- Press the [⏮] or [⏭] button during playback, Tracks are skipped.

## 11 Camera In Operations

### Switching to Camera mode

- Touch the [**Camera**] key on Main Menu to select desired mode.
- The LCD will display the external camera video. The screen will display "No Signal", if a valid camera is not connect to this head unit.
- Press Menu button on Operational Panel to return to the Main Menu.



#### *\*Note:*

*If the reverse cable is connected correctly to the car, the head unit will go to camera mode automatically when the car is in reverses.*

## 12 HDMI Operations

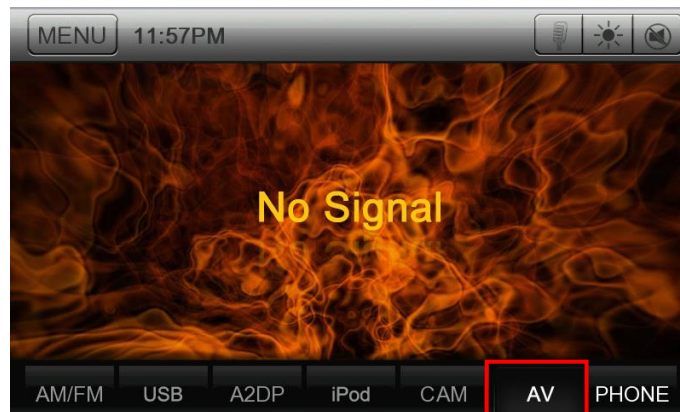
External peripheral devices, including android or iPhone etc. can be connected to the unit through HDMI Line. Then you can see the phone screen on the HDMI app, you can watch movie which in your phone on unit.



# 13 AUX Operations

External peripheral devices, including a game console, camcorder, navigation unit, iPod/iPhone, etc.

1. Touch **[AV]** button on Main Menu to select desired mode (when unit is reading).
2. Touch **[AV]** button in other source to select desired mode.



FCC and IC Note:

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.