

User Operation Manual

**IN CAR MULTI-MEDAPLAYER
WITH LCD TOUCH SCREEN DISPLAY
BLUETOOTH,RADIO & MOBILE PHONE-LINKING**

1. Wiring

Frequency Range:

FM:87.5-107.9 MHz

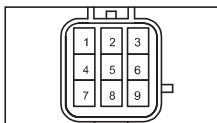
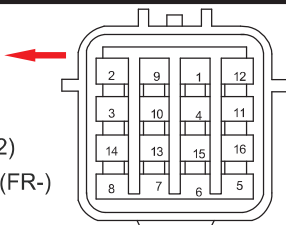
AM:530-1710KHz

**CLASS 1
LASER PRODUCT**

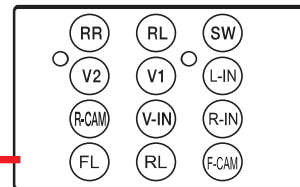
WARNING

POWER SOURCE: DC 12V
POWER CONSUMPTION: 40Wx4

1. **Black:** Ground (B-)
2. **Red:** Ignition Switch (ACC)
3. **Pink:** Back Sight (B+)
4. **Green:** Steering Wheel Control (2)
5. **Dark Gray:** Front Right Speaker (FR-)
6. **Dark:** Front Right Speaker (FR+)
7. **White Black:** Front Left Speaker (FL-)
8. **White :** Front Left Speaker (FL+)
9. **Battery positive** (Battery+)
10. **Orange:** Headlamp Detection
(Connect to on off control of car headlamp)
11. **Grey:** Steering Wheel Control(1)
12. **Blue:**
13. **Green/Black:** Rear Left Speaker (RL-)
14. **Green:** Rear Left Speaker (RL+)
15. **Purple:** Rear Right Speaker(RR+)
16. **Purple/Black:** Rear Right Speaker (RR-)



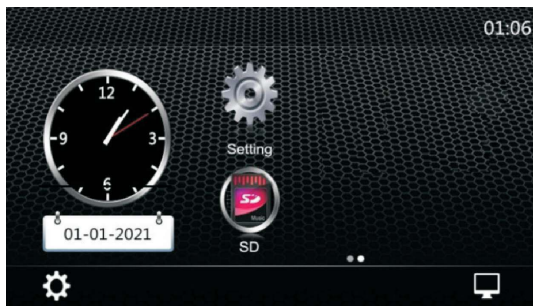
1. Passing beam
2. Driving beam
3. Turn left
4. Turn right
5. CANH
6. CANL
7. Pulse signal
8. Brake signal
9. CAN ground



- RL:** (White) Rear left speaker output
RR: (Red) Rear right speaker output
SW: (Green) Sub-woofer output
V1: (Yellow) Video output
V2: (Yellow) Video output
L-IN: (White) Auxiliary left speaker input
R-CAM: (Yellow) Back sight camera input
V-IN: (Yellow) Video input
R-IN: (Red) Auxiliary right speaker input
FR: (Red) Front right speaker output
FL: (White) Front left speaker output
F-CAM: (Yellow) Front camera input
ANT: (MIC) Radio Antenna
MIC: (ANT) External MIC jack

2.MAIN MENU

The Mode icon in gray means the corresponding function is not ready or proper device have not been connected.
Touch the corresponding Mode icon to enter playing mode.



Main Menu



With Apple CarPlay



With Android Auto

 Setup, to enter the Settings Menu.

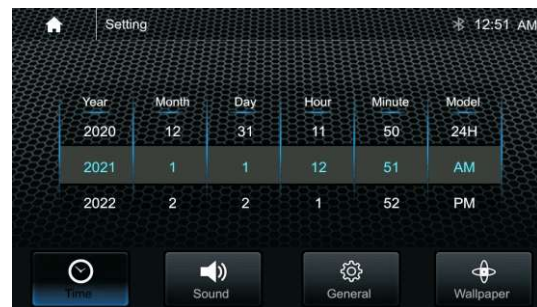
 Turn off TFT display.
TFT enter black mode touch any zone return to TFT on.

3.Settings

Touch the  icon to enter the Setup menu.
The Setup menu is included Time Settings, Audio Setting s, General Settings, Wallpaper Settings.

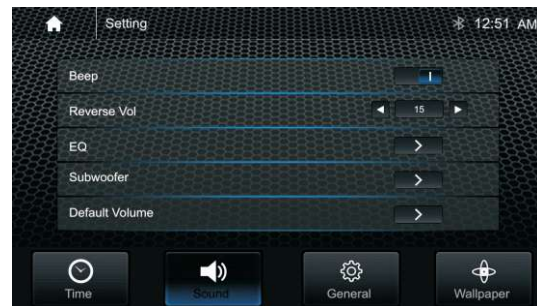
Time Settings

The Time Settings allow the user to set Date & Time.



Audio Settings

Below shown is the Audio Setting Menu.



Beep: set the Beep tone is ON or OFF.

Reverse Vol: adjust the Vol value is 0-30.

EQ Settings

Balance/Fader:

Loudness: set the Loudness is ON or OFF.

Touch the “◀” or “▶” of Balance /Fader to tune for the driver and passenger preference.

The value of Balance (Left12-Right 12) and Fader (Front 12- Rear 12).

Touch Reset to set both Balance and Fader to 0.



3.Settings

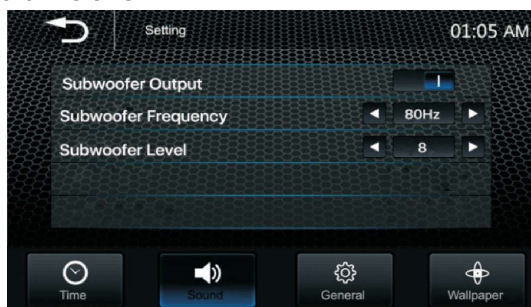
10-Band Equalizer:

10 band of EQ tuning, slide the EQ bar to tune each band frequency level according to user preference.

Touch Reset to set all Band to .



Subwoofer:

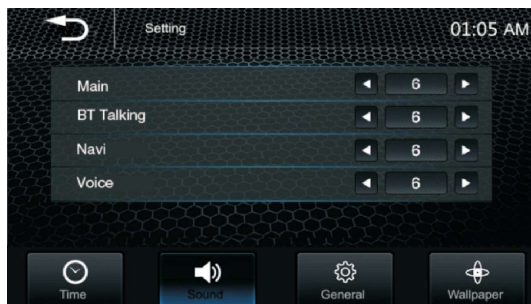


Subwoofer Output: On/Off.

Subwoofer Frequency: 50Hz/80Hz/120Hz /160Hz

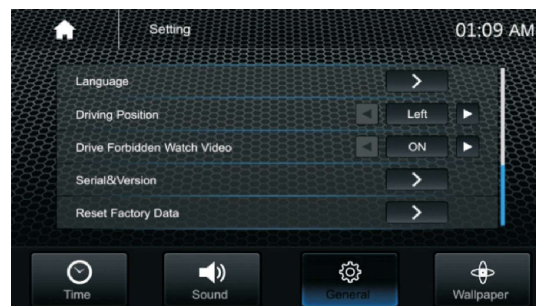
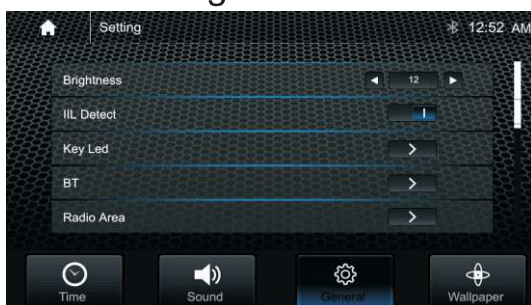
Subwoofer Level: -10~+10

Volume Control:



Set the Main / BT Talking /Navi /Voice default volume value.

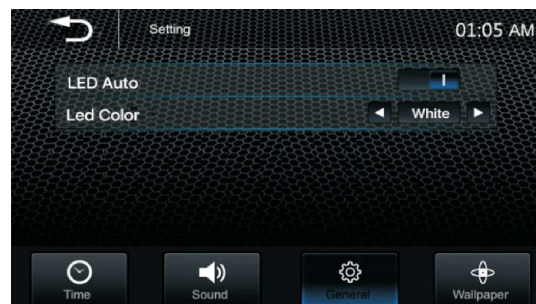
General settings:



Brightness: Adjust the screen's brightness from 0-15.

Illumination Detect: On / Off.

Key Led:



LED Auto: On/Off.

ON: the Led color will change automatically.

OFF: select required LED light color:

White / Red/ Yellow /Blue/Green/Purple /Light Green.

BT:



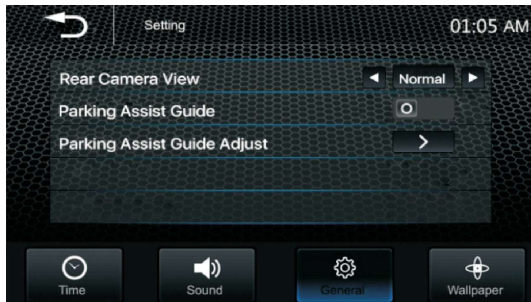
3.Settings

Radio Area:

Select the region: America/ Europe/ Eastern Europe/ Japan / Southeast Asia /Latin America / Asia / Australia.

RDS: On/Off.

Rear Camera:



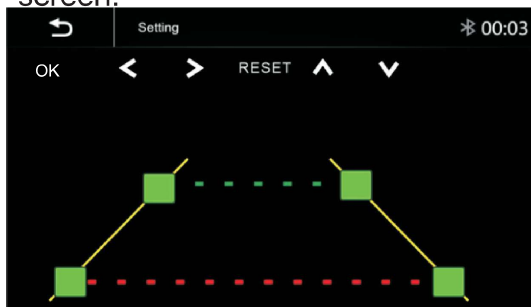
Rear Camera View: Normal/Reverse

Parking Assist Guide: On/Off

Parking Assist Guide Adjustment

Touch ">" to enter Parking Assist Guide

Adjustment interface to show the below screen:



Select the adjust position and Touch < / > / ^ / v to adjust.

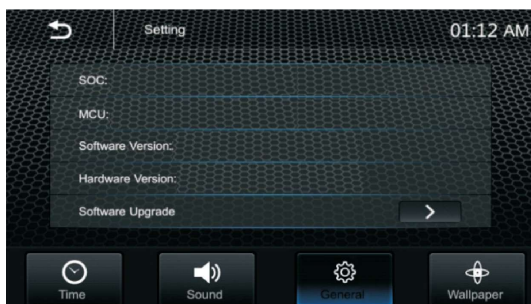
Touch Reset to resume the default Parking Assist Line.

Language: Select the desired language.

Driving Position : select the driver position is Left or Right.

Drive Forbidden Watch Video: On /Off.

Serial & Version:



4.CarPlay & Android Auto

Reset Factory Data: Once selected, the unit will prompt to confirm reset to factory settings. Once confirmed the system will automatically reboot.

Wallpaper:

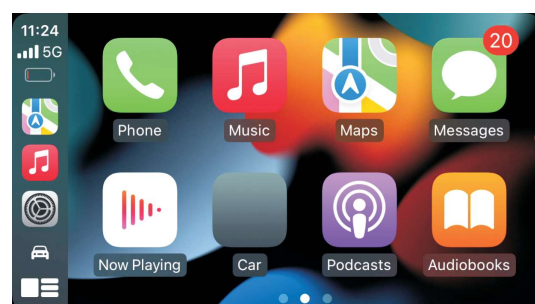
User can select the preset wallpaper for prefer background.



8.1 Apple Carplay

Plug the iPhone (iPhone 5 or latter models, and IOS 7.1 or above) through the lightning cable to the USB port of the source unit. The iPhone will be shown the "CarPlay". The source unit will enter the CarPlay interface, the APP that support the CarPlay feature will be displayed on the source unit as shown below. Touch the corresponding

APP can operate, touch  button to go back the CarPlay interface.



4.CarPlay & Android Auto

Siri

In Carplay mode, user can talk to Siri to control the CarPlay functions. Press  to start the Siri function, or touch the button for 2 seconds or the HOME button of iPhone. Now you can talk to Siri for playing music, I am going....

Note: For Siri function in the source unit, the Microphone has to be connected.

8.2 Android Auto Operations

Android Auto enables you to use functions of your Android device convenient for driving. You can easily access route guidance, make calls, listen to music, etc. For details about Android Auto, visit

<https://www.android.com/auto>

or

<https://support.google.com/androidauto>,
Compatible Android devices

You can use Android Auto with Android devices of Android version 5.0 or later.

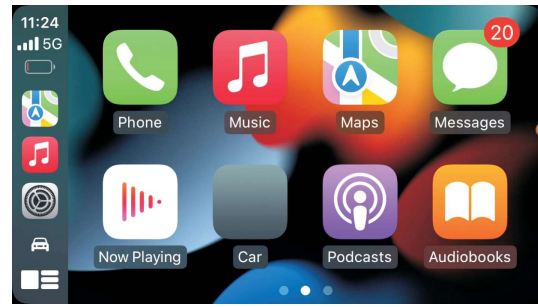
Note: Android Auto may not be available on all devices and is not available in all countries or regions.

Operation s:

1. Connect an Android device via USB terminal. To use the hands-free function, connect the Android device via Bluetooth. When an Android device compatible with Android Auto is connected to USB terminal, the device is connected via Bluetooth automatically, and the Bluetooth smartphon currently conected is disconnected.
2. Unlock your Android device
3. To enter Android Auto mode, touch Android Auto icon in the head unit screen. You can perform the operations of the Apps of the connected Android device.



5.Radio mode



Radio mode

Touch the Radio mode icon to enter Radio.



-  Touch FM1 to select FM1 Band.
-  Touch AM1 to select AM1 Band.
-  Touch to select Band, FM1>FM2 >FM3>AM1>AM2
-  Short touch to prescan searching, each scanned station will be played 10s. Long touch for auto searching.
-  Touch to enter EQ settings.
-  Touch to switch LOCAL or DX.
-  Touch to input tune directly.
-  Short touch to Seek-, long touch for Step-
-  Short touch to Seek+, long touch for Step+
-  Preset station, 6 preset store and recall station for each band.

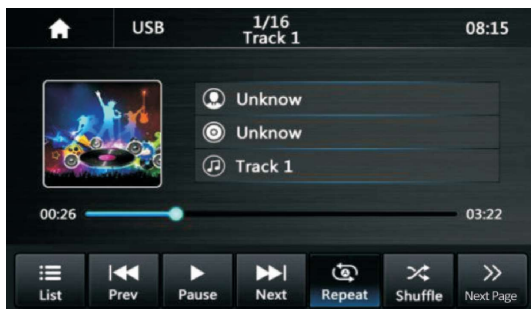
6.USB

Store a Station

1. Tune radio to desired station.
2. Touch and hold the one of the preset station for more than 3 seconds, then the preset button will be highlighted on the screen, and the preset station will be stored.

USB

Plug the USB, the USB icon will be colorful. Touch the USB icon to enter the USB playback mode. The source unit default the play the Audio in the USB device.



Press to list Audio , Video, Picture files in USB.



Short press to skip previous track,
Long press to fast reverse.



Play or pause button.



Short press to skip next track,
Long press to fast forward.



Press to select Repeat All >
Repeat 1> Repeat Directory.



Press to switch Random is
On or Off.



Press to select Audio setting or
set the prefer EQ of each band
in custom mode.

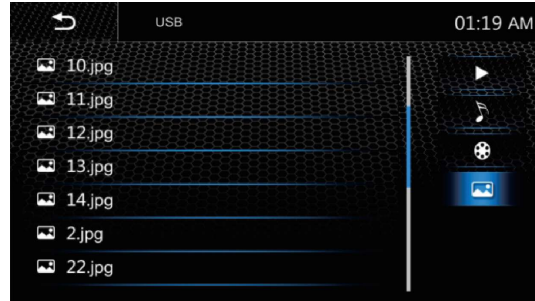


Touch to handle goto page for
input the track number directly.

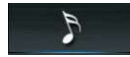
File List browsing

Touch  to browse the folder and file list of the USB device.

You can select the multi-media type.



Return to playing previous file.



Select Audio or Music files.

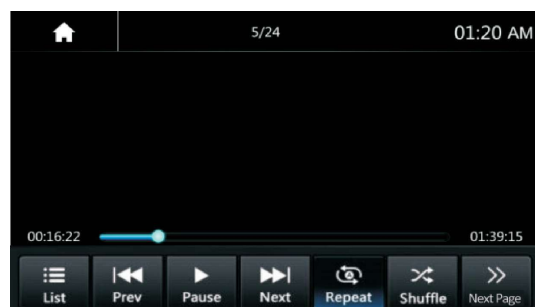


Select Movie or Video files.



Select Picture files.

Video



Press to list Audio , Video, Picture files in USB.



Short press to skip previous track,
Long press to fast reverse.



Play or pause button.



Short press to skip next track,
Long press to fast forward.



Press to switch Random is
On or Off.



Press to select Repeat All >
Repeat 1> Repeat Directory.



Touch to select the second page
of the keypad.

7. Bluetooth Audio



Press to select Audio setting or set the prefer EQ of each band in custom mode.

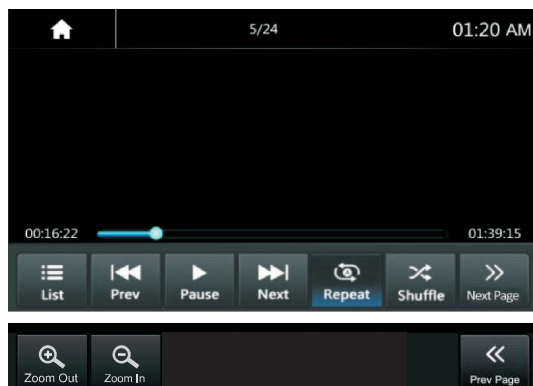


Touch to handle goto page for input the track number directly.



Touch to select the first page of the keypad.

Picture



Press to Zoom Out the picture.



Press to Zoom In the picture.

Bluetooth Audio

Touch the BT Audio icon to enter Bluetooth Audio playing mode. If the Bluetooth is connected, the music will be playing as following shown;



Bluetooth Audio Playback



Press to skip previous track



Play or pause button.



Press to skip next track.



Press to switch Random is On or Off.



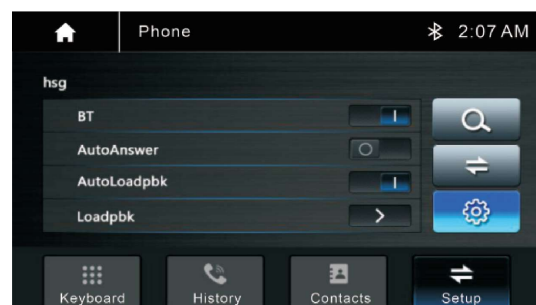
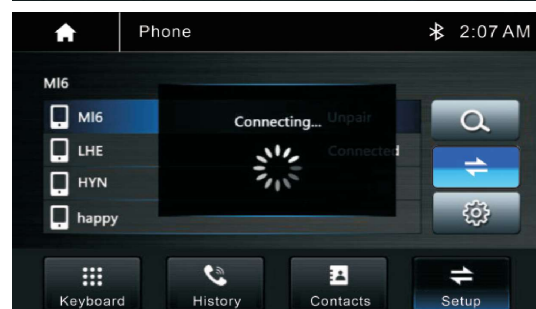
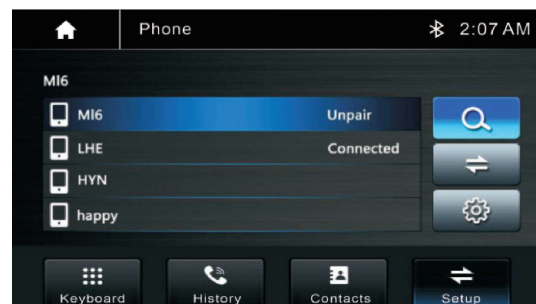
Press to select Repeat All > Repeat 1> Repeat Directory.



Press to select Audio setting or set the prefer EQ of each band in custom mode.

Bluetooth Connect

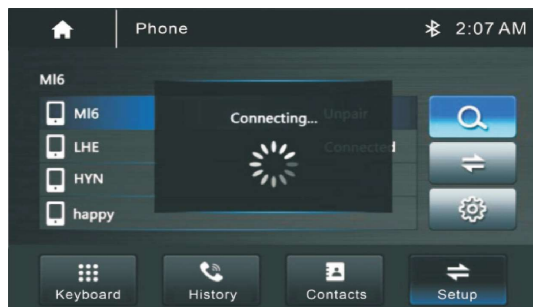
If the Bluetooth is not connected, press Re-connect the paired phone or pairing to pair the new device.



7. Bluetooth Phone

Bluetooth Pairing

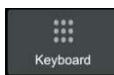
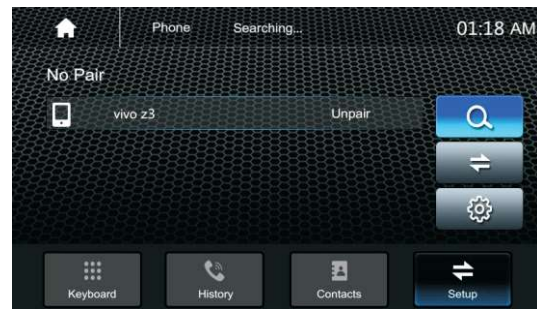
Pairing mode screen will be shown as below:



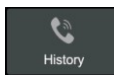
Turn On the Bluetooth of the mobile phone or Bluetooth device, you can see the CAR-KIT, select the CAR-KIT for pairing and connection.

Bluetooth Phone

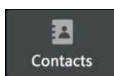
Touch the Phone icon in main menu to go to Phone mode. After the mobile phone is connected with the source unit via Bluetooth (HFP), user can through the source unit to make a phone call. Please note it needs to connect the microphone for phone call.



Dial Pad. tap it to enter call mode.



Call logs, to show the call record, missed, received and dialed calls



Contact, tap to show the phone-book connected phone.



Show the usable devices.



BT Setup, tap to set auto answer and load phonebook.



Search the available devices.



Manage the connected device.

Make a Call

1. Touch the  icon to enter below screen.
2. Using the keypad, touch 0-9,*,#, enter the phone number you wish to dial. If you input

an incorrect number, touch the  icon on the keypad to delete the incorrect number.

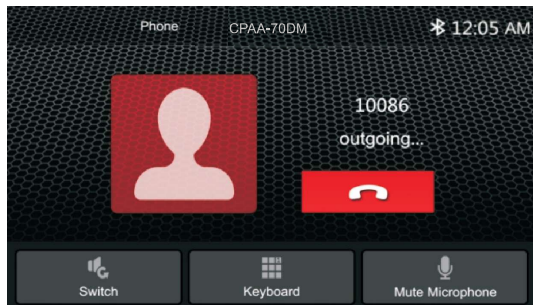
3. Once the correct number appears on the

screen, touch the  icon. To go to dialing interface.



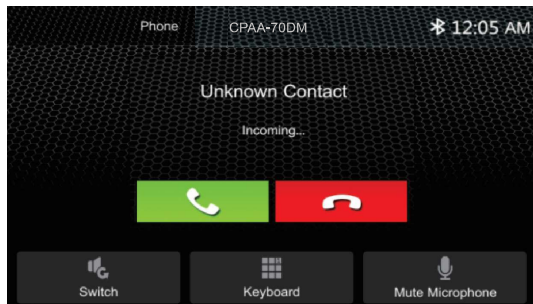
7. Bluetooth Phone

4. To end the call, touch the icon on the screen.



Receive an incoming call

If the Phone is connected with the source unit via Bluetooth, when an incoming call, below screen will be shown:



Press  to answer the incoming call.

Press  to reject the incoming call.

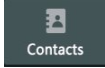
Call Logs

Touch the icon  to display the Call combined list.



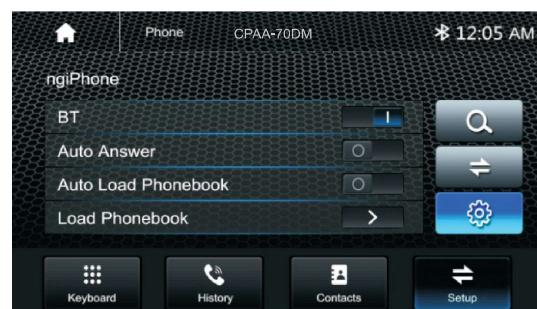
Slide the bar at right side up and down to display a call logs up to 20 records.

Contacts

Touch the icon  to access the phone book of the connected mobile phone. To make a call from the phonebook, simply touch the contact name.



BT Setup



BT On /OFF, Power On or Off BT function.

Auto Answer On /OFF, incoming call auto answer.

Auto Loadpbk , On /OFF, when connectphone auto load phonebook on or off.

Loadpbk , Manually load phone book.

8.AV IN

The Audio/Video source with RCA cable can through the source unit to play the Audio/Video. Plug the RCA to the corresponding A/Vsocket.

Touch the icon  to view the playing Audio /Video.



The Audio and Video will via the RCA cable to the source unit.

This device complies with Part 15 of the FCC Rules. 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

NOTE: 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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.