27-8CP11

INSTRUCTION MANUAL

UNIVERSAL MULTIMEDIA ADAPTER
CARPLAY/ANDROID AUTO/ MIRRORING

CONTENTS

WARNING

In order to protect the driving safety and avoid break the traffic law; please DO NOT operate the interface while driving.

The reversing surveillance function just is used in reversing assistance. Please check the entire surroundings while reversing.

All steps of installation should be done by the well-trained specialist.

During installation, the ignition key should be taken off and after all installation finished, connect power cable last.

Please DO NOT plug or pull the connected cables in the state of power-on, in order to avoid damaged monitor or accessory.

Install wiring in a manner in which cables will not come in contact with metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts, arcing and fires.

Please DO NOT put the product in the damp environment or water, in order to avoid electric shock, damaged and fire accident caused by a short circuit.

Kindly check all components are in the box when receiving the product. If anything missing, inform to the supplier/manufacturer.

Start the engine before loading, check the interface whether have function displayed, key control whether correct, the vehicle interface whether having a scratch. Please give the feedback to the supplier/manufacturer if there have any questions.

Please note that put the disassembled automotive components in a good way on the installation process, avoid scratching the instrument panel, the leftovers of connecting cables need to handle and DO NOT leave it in the car. The connecting plug must be insulated in order to short circuit.

The cables should be connected in a good way, the vehicle installation space is a little small, so reduce space usage as far as possible. There should be a good plan about connect cables, avoid affecting the active component of connecting, such as control components of turning the steering wheel, throttle and brake pedal. There need to be fastened after connecting cables in case of a drop.

FEATURES

Integrated 3 in 1 module supports wireless CarPlay, wired Android Auto, and USB cable screen mirroring (iOS & Android)

Support USB HD video (up to 1080P) and lossless music (APE, WAV, FLAC, MP3, WMA, etc) playback

CVBS and HDMI (480P/720P) output

Support AHD cameras input

Automatic enable CarPlay/Android Auto when connecting an iPhone/Android phone

High-performance audio output and support control sound volume, EQ settings
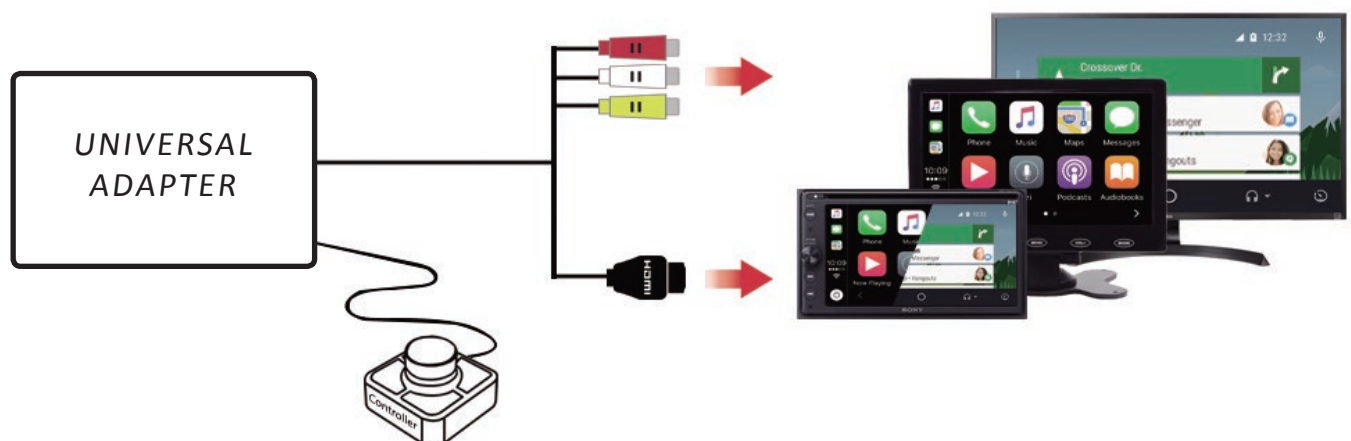
Provide an external knob controller for operation

Support installing resistive touch panel (sold separately)

Offer high-quality microphone for phone talking & voice command

Mobile phone charging

Further software update via USB

UNIVERSAL ADAPTER

SPECIFICATIONS

Inputs	RCA*2 (1 rear camera & 1 external video in, support AHD cameras) 3.5mm AUX*1 (microphone) USB*2
Outputs	RCA*3 (CVBS & audio L/R outputs) HDMI*1
Output resolution	CVBS: 720*480, NTSC HDMI: 800*480 (default), 1280*720 (optional, upgrade via software)
Input voltage	9-16V
Consumed power	5W
Working temperature	-20°C~75°C
Main unit dimensions	110*75*30 mm
Weight	170g

For any car/monitor with HDMI or RCA AV input.

PACKAGE COMPONENTS
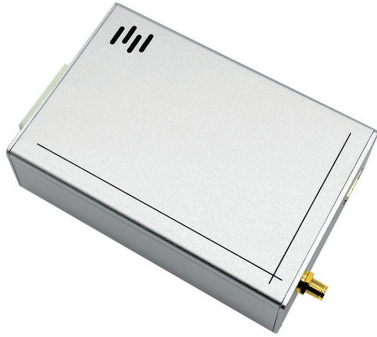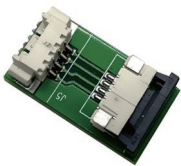
Main Unit

Power Cable

Touch/Video Cable

Microphone
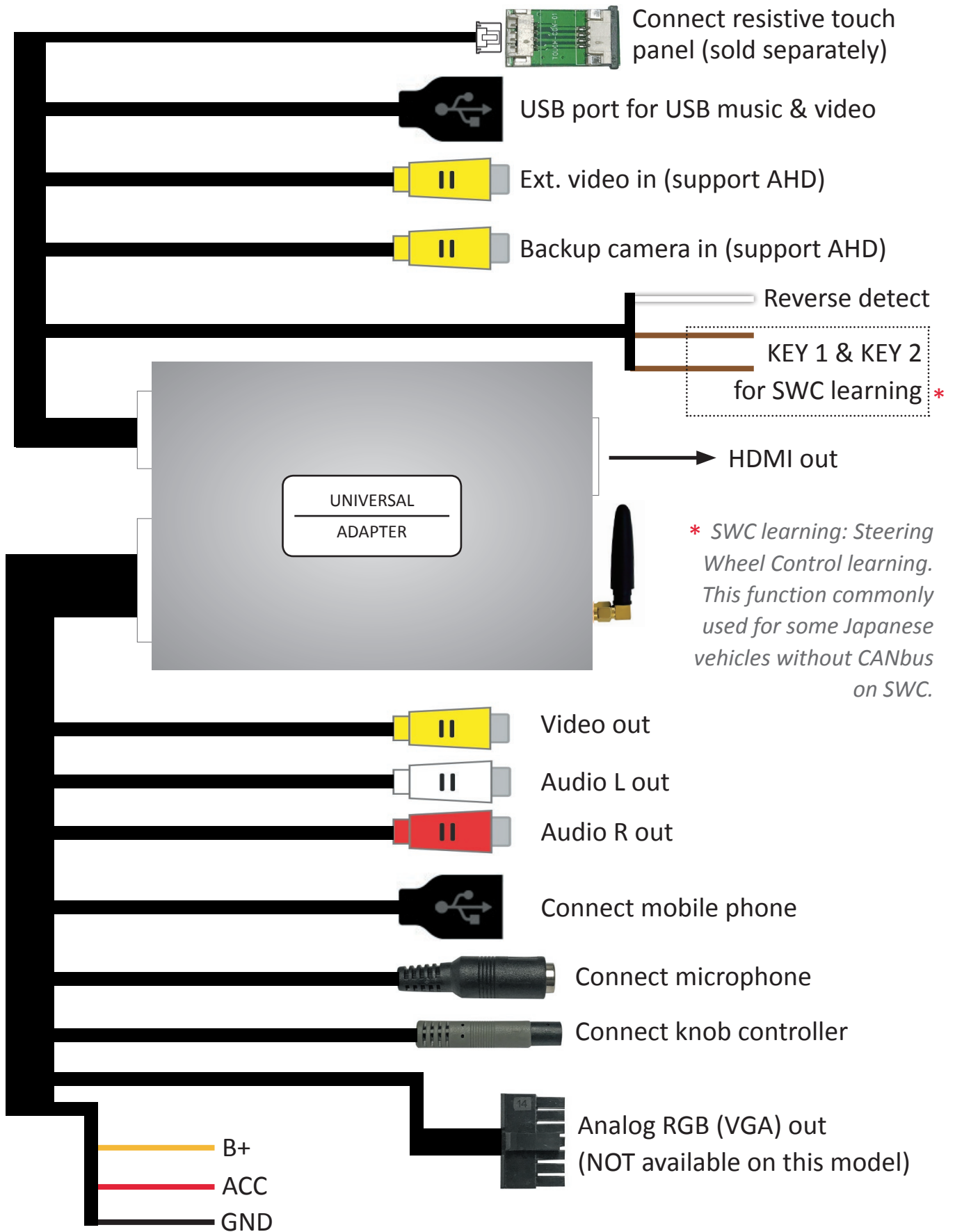
Knob Controller

Resistive Touch
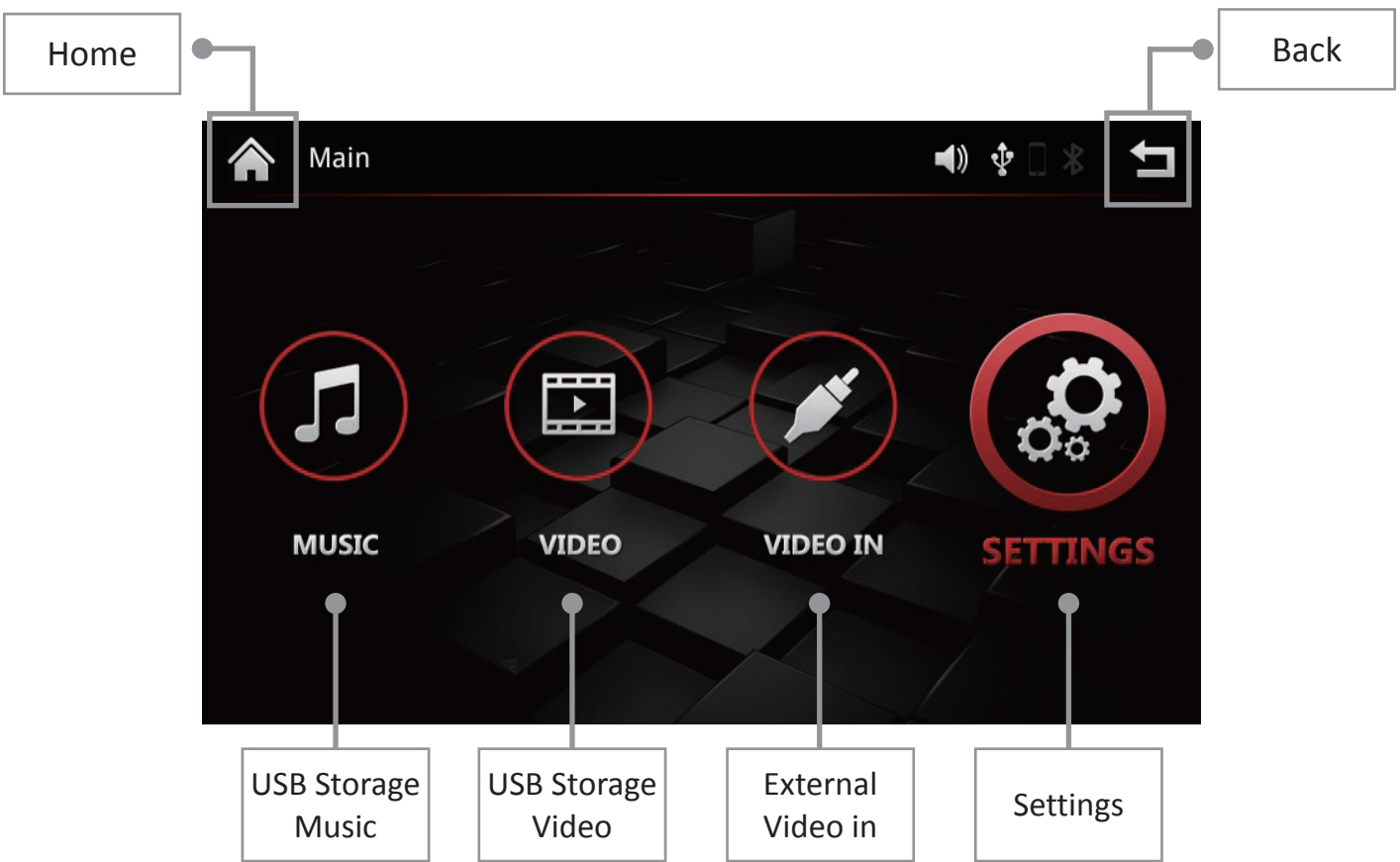Connection Board

WiFi/BT Antenna

Sticker for Knob
Controller

CONNECTION DIAGRAM

Connect resistive touch panel (sold separately)

USB port for USB music & video

Ext. video in (support AHD)

Backup camera in (support AHD)

Reverse detect

KEY 1 & KEY 2 for SWC learning *

HDMI out

UNIVERSAL
ADAPTER

* SWC learning: Steering Wheel Control learning. This function commonly used for some Japanese vehicles without CANbus on SWC.

Video out

Audio L out

Audio R out

Connect mobile phone

Connect microphone

Connect knob controller

B+

ACC

GND

Analog RGB (VGA) out (NOT available on this model)

MAIN MENU UI

Status bar

| Apple CarPlay | Android Auto | Screen Mirroring | Bluetooth |

Home

Back

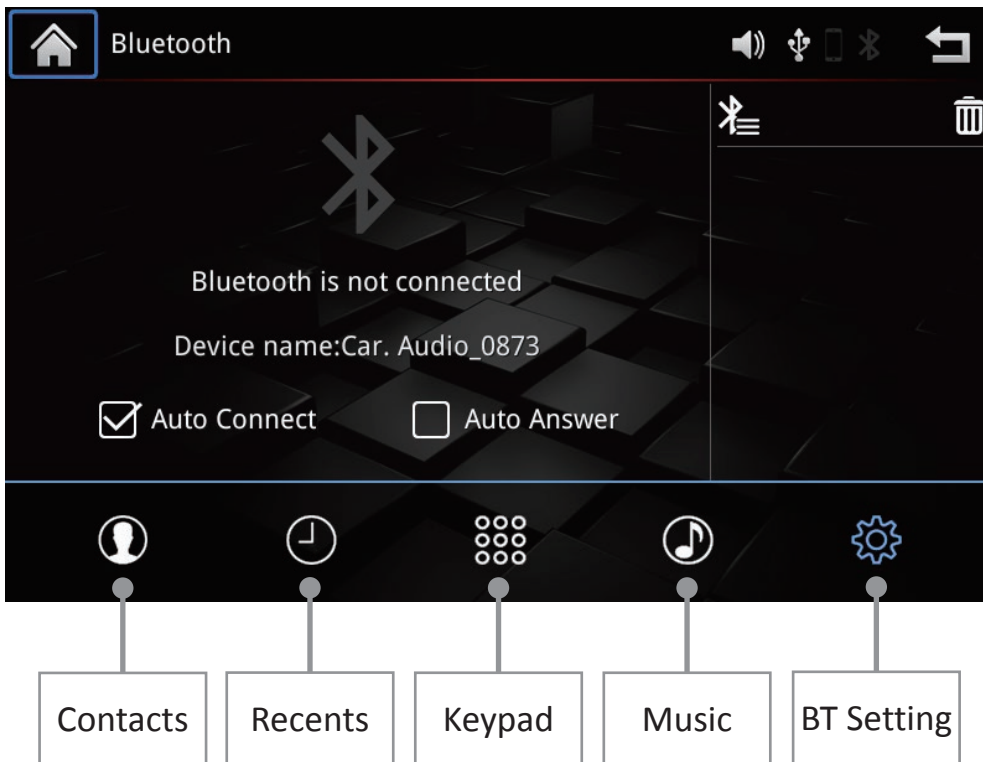| USB Storage Music | USB Storage Video | External Video in | Settings |

HOW TO CONNECT BLUETOOTH

Device name: Car.Audio_xxxx

1. Turn on the mobile phone's Bluetooth, search and pair BT device **Car.Audio_xxxx**.
2. Tap "**Pair**" on the pop-up pairing request notification.
3. Tap "**Allow**" for sync contacts and favorites.

Tick Auto Connect: mobile phone connects Bluetooth automatically after starting the adapter

Tick Auto Answer : Accept calling automatically
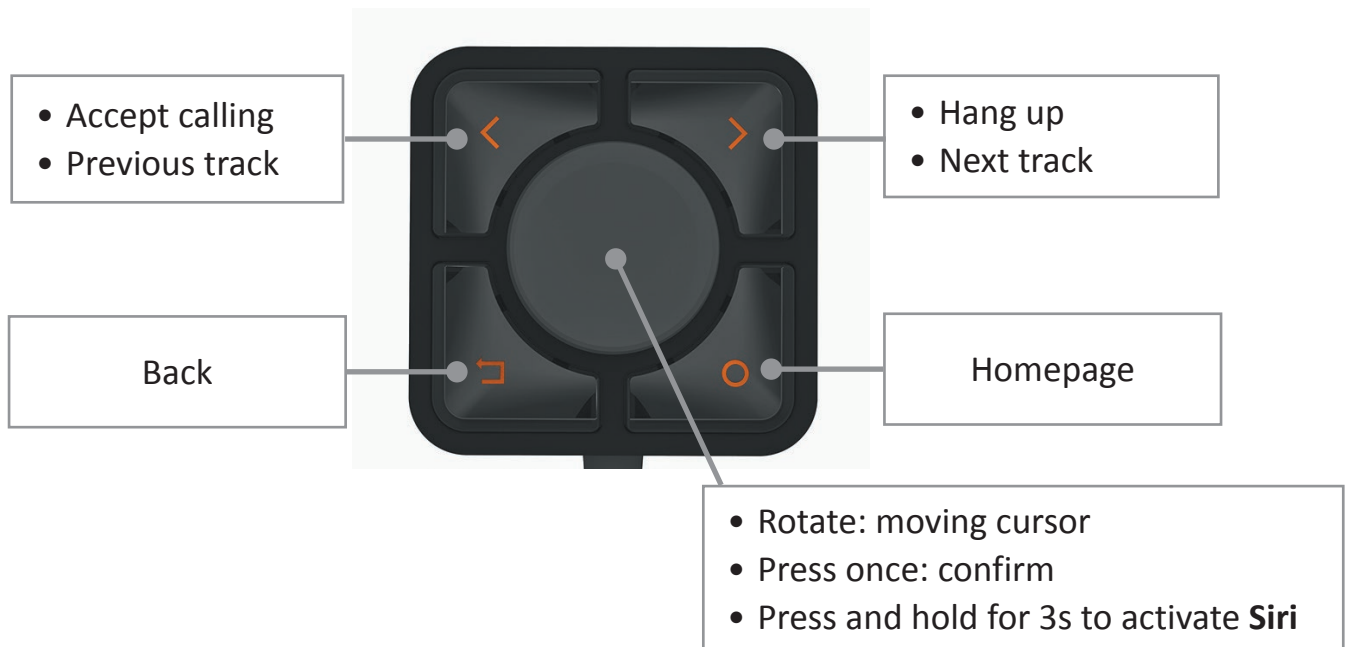
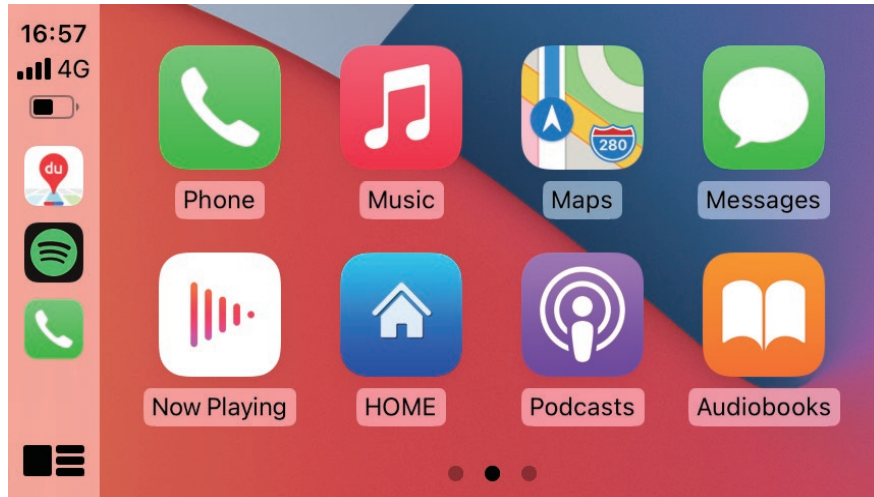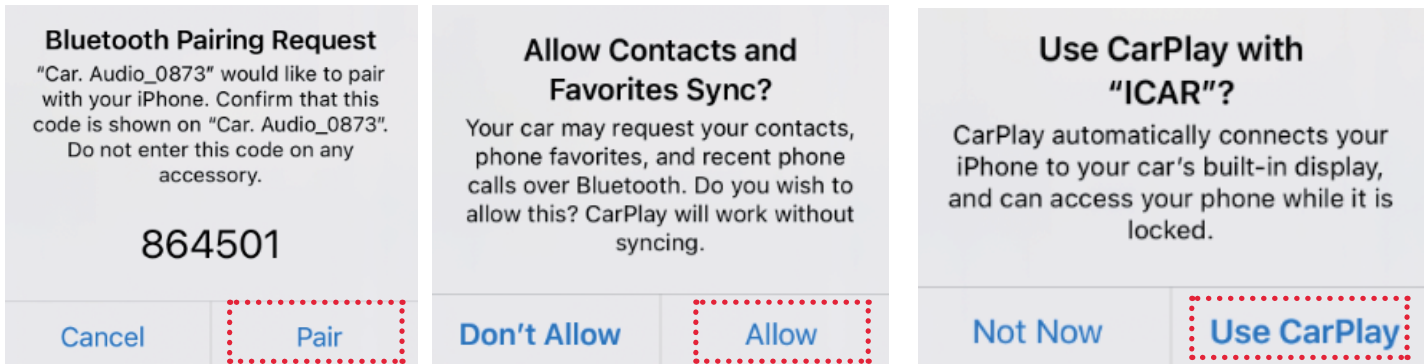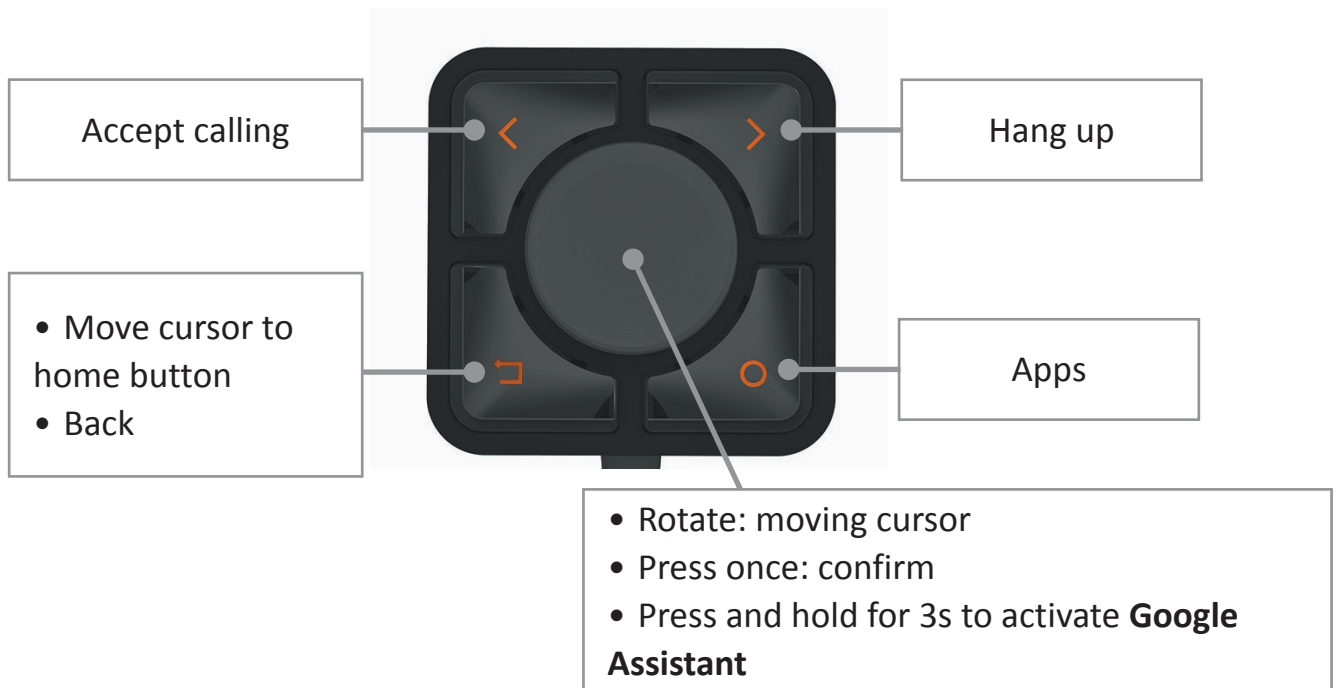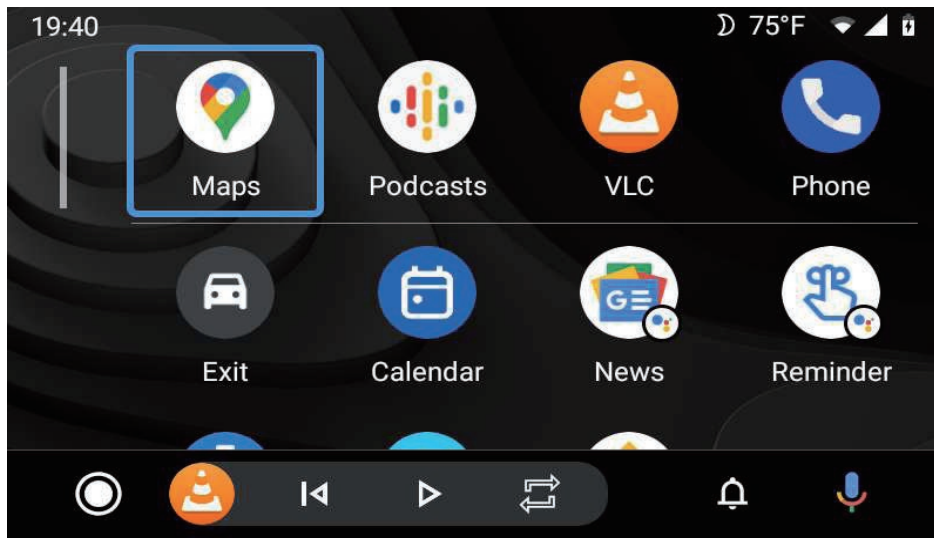| Contacts	Recents	Keypad	Music	BT Setting
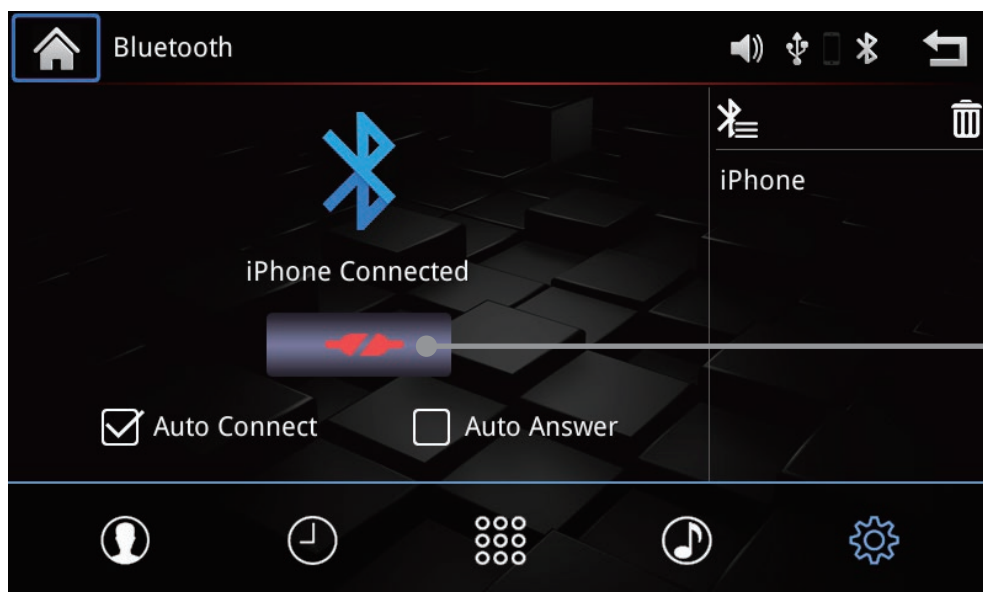
Delete all paired device

Disconnect BT

APPLE CARPLAY

1. Turn on the iPhone's **WiFi and Bluetooth**, search and pair BT device **Car.Audio_xxxx**.
2. Tap "**Pair**", "**Allow**", "**Use CarPlay**" on the next 3 pop-up notifications.

Bluetooth Pairing Request
"Car. Audio_0873" would like to pair with your iPhone. Confirm that this code is shown on "Car. Audio_0873". Do not enter this code on any accessory.

864501

Cancel   Pair

Allow Contacts and Favorites Sync?
Your car may request your contacts, phone favorites, and recent phone calls over Bluetooth. Do you wish to allow this? CarPlay will work without syncing.

Don't Allow   Allow

Use CarPlay with "ICAR"?
CarPlay automatically connects your iPhone to your car's built-in display, and can access your phone while it is locked.

Not Now   Use CarPlay

16:57
4G

Phone   Music   Maps   Messages

Now Playing   HOME   Podcasts   Audiobooks

- Accept calling
- Previous track

- Hang up
- Next track

Back

Homepage

- Rotate: moving cursor
- Press once: confirm
- Press and hold for 3s to activate **Siri**

ANDROID AUTO

1. Install Android Auto app on your Android smartphone.
2. Connect to universal adapter's Bluetooth.
3. Select and enter "**ANDROID AUTO**" icon of adapter.
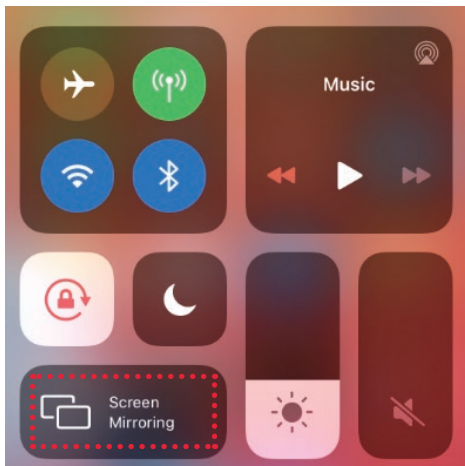4. Plug in the smartphone with USB cable (connect to the USB port of power cable).

Accept calling	Hang up
• Move cursor to home button • Back	Apps

• Rotate: moving cursor
• Press once: confirm
• Press and hold for 3s to activate **Google Assistant**

NOTE!

• For the better connection performance, please use the original genuine USB cable.

• Knob controller functions may slightly differ depending on the Android Auto app version.

SCREEN MIRRORING

● iOS

1. Select and enter "**MIRRORING**" icon of adapter.
2. Plug in the iOS device with USB cable (connect to the USB port of power cable).
3. Open iOS **Control Center**, tap "**Screen Mirroring**" icon, then tap **Mirroring**.
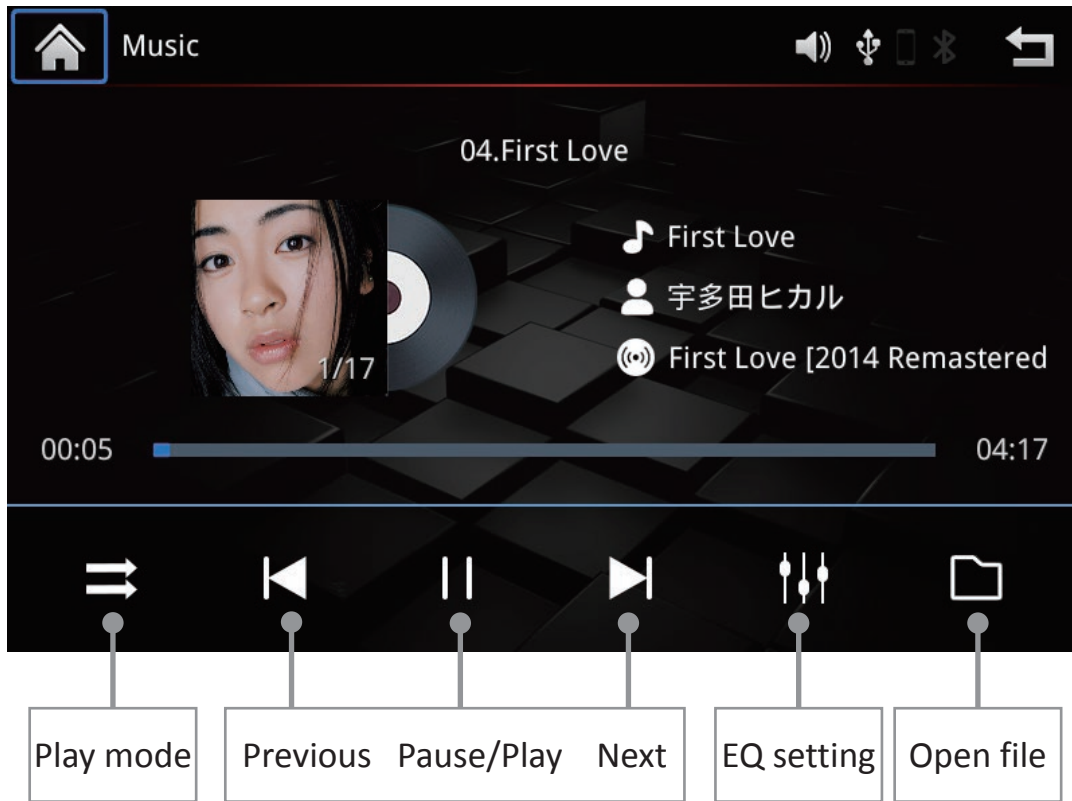

○ Android

1. Enable "**USB debugging**" on Android phone's developer options.

2. Connect to universal adapter's Bluetooth.

3. Select and enter "**MIRRORING**" icon of adapter.

4. Plug in the Android device with USB cable (connect to the USB port of power cable).

5. Tap "**Allow**" on the pop-up notification.

NOTE! For the better connection performance, please use the original genuine USB cable.

USB STORAGE MUSIC & VIDEO

| Play mode | Previous | Pause/Play | Next | EQ setting | Open file |

Previous track

Next track

Exit: music & video stop playing

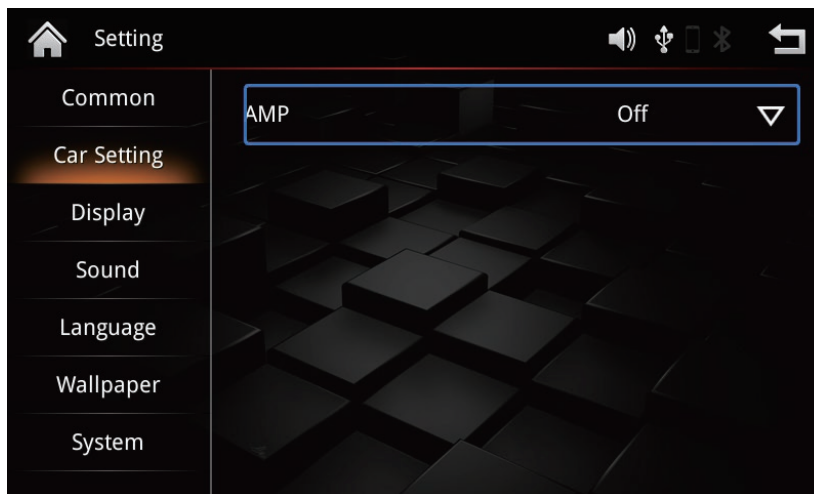Home: music & video continue to play in the background

SETTINGS

● **START CARPLAY/ANDROID AUTO AUTOMATICALLY**
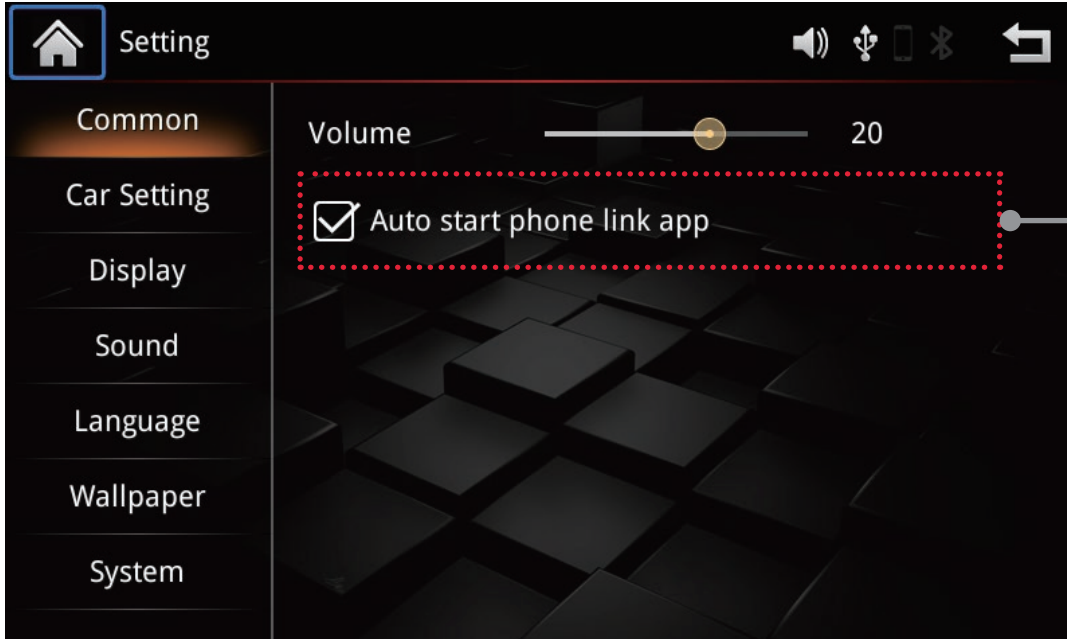
Select "**Settings**" on main menu and tick "**Auto start phone link app**". Then CarPlay and Android Auto will start automatically after connecting your iPhone or Android smartphone.
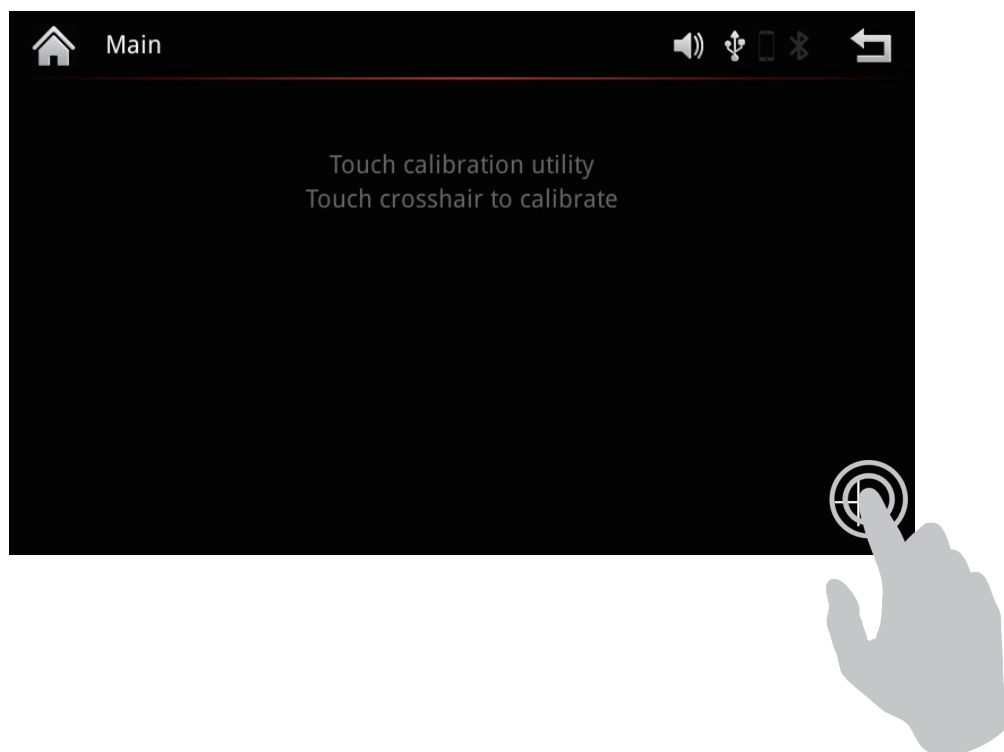
● **CAR SETTING**

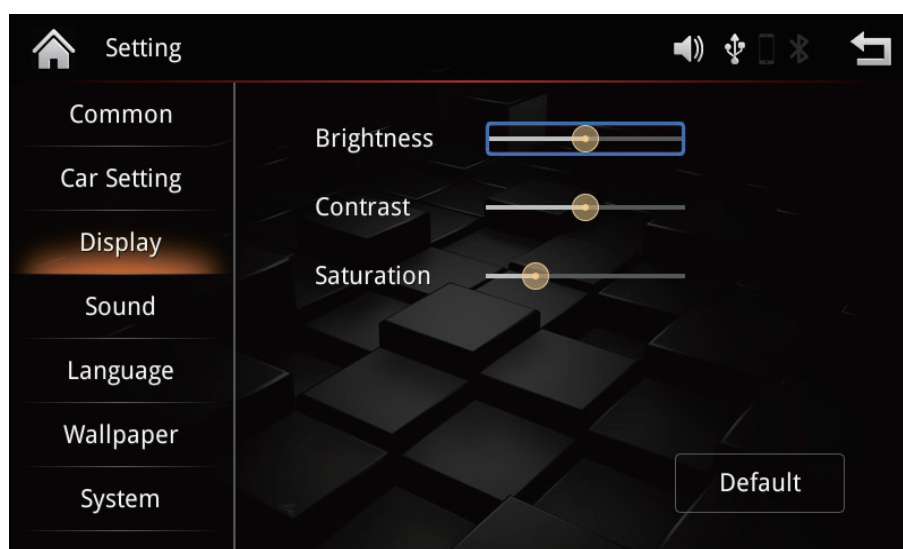AMP function is not available, turn it off by default.
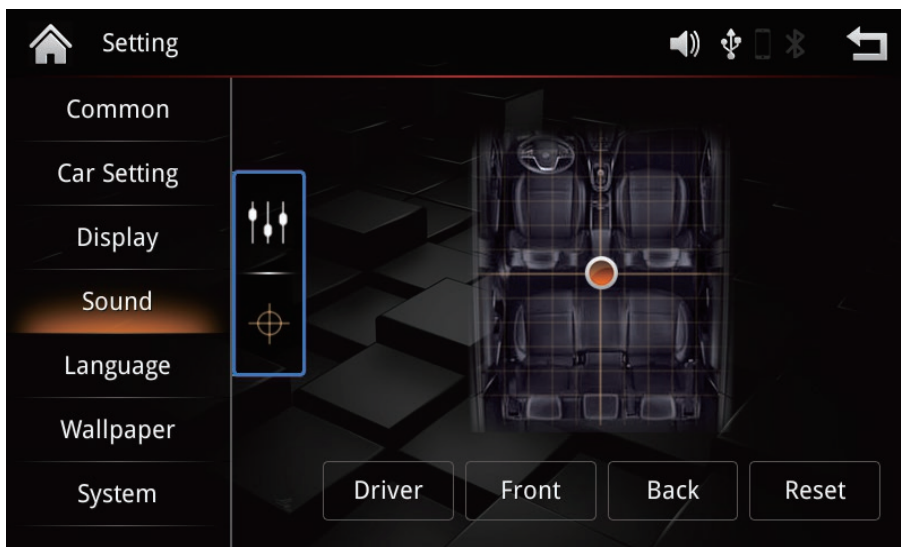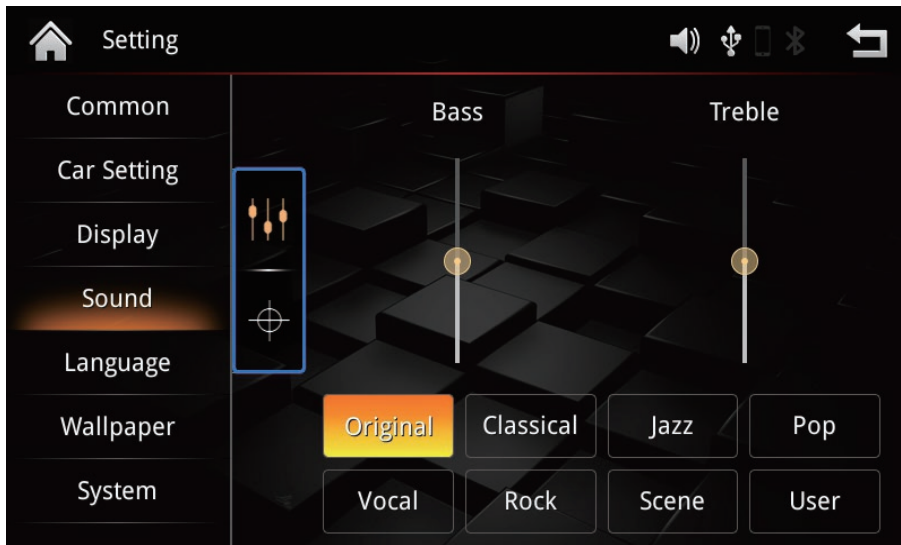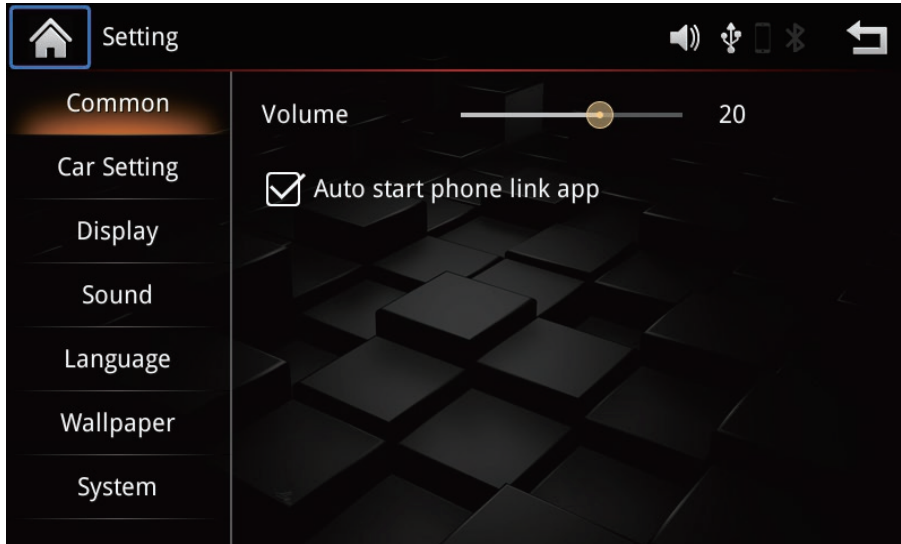
● TOUCH CALIBRATION

After installing a resistive touch panel, press and hold the panel more than 10s, it will enter touch calibration.

● DISPLAY

● SOUND

● LANGUAGE

● WALLPAPER