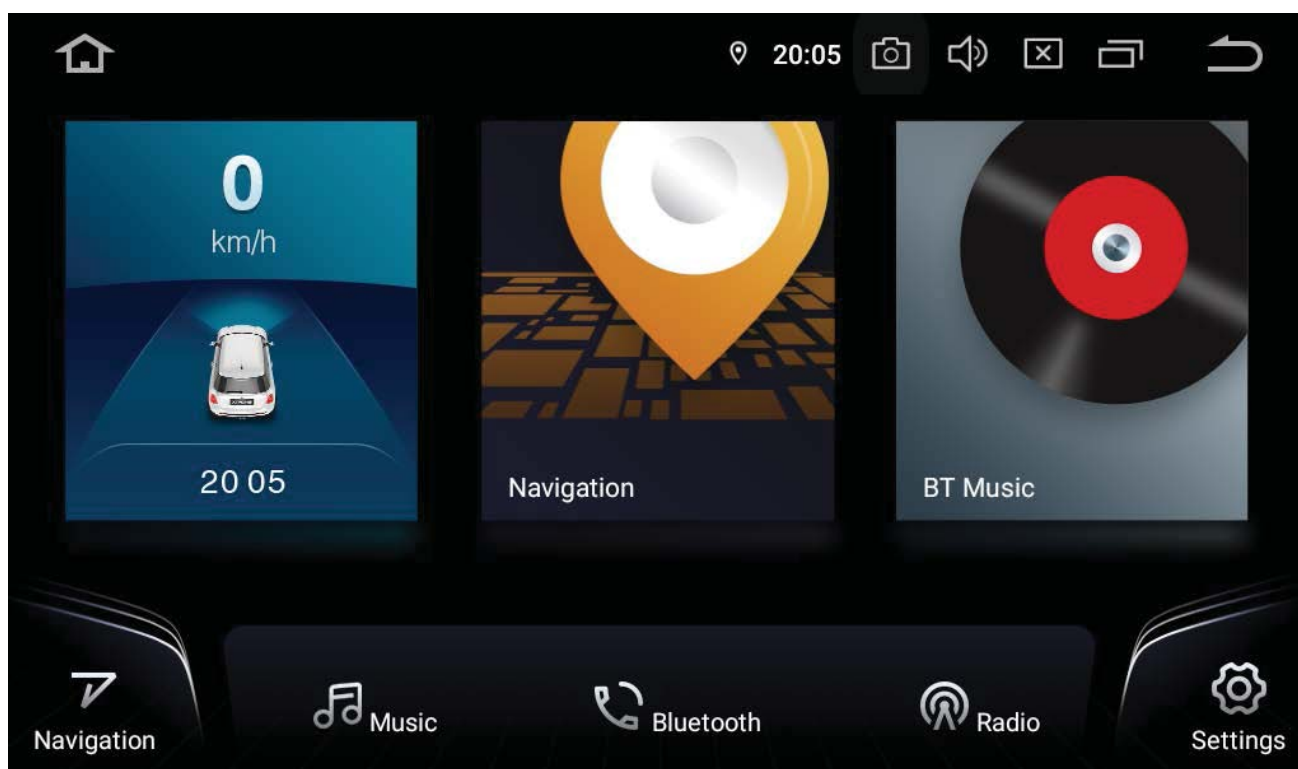


# XTRONS

English

Deutsch




## USER MANUAL

This manual contains important information on the installation, use and care of your product. Please take some time to read this manual to take full advantage of your product's awesome benefits and features, and make sure that you know how to safely and efficiently operate the extensive functions of your new product.

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# Safety information

 To prevent fire, shock hazard and potentially hazardous situations, please refer servicing and installation to qualified personnel only.


 **USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

Make sure to ground the unit to a negative 12V DC power supply. **DO NOT** connect the unit to DC 24V.

 If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, which in turn may start a fire. Always connect those wires to the source running through the fuse box.


 For Safety, make sure to insulate any loose wires with electrical tape.

 Using the head unit for a long time with the engine off can drain the battery.


 Do not watch or fix your eyes on the unit's display when you are driving for any extended period.


Do not listen to loud music while driving. Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals can be dangerous and may result in an accident.

 Do not install the unit in a spot exposed to humidity or water.


 Never leave any metal objects (such as coins or metal tools) or liquid inside the unit. In case it happens, please turn the car ignition off to avoid short circuits or fire and consult your mechanic or XTRONS customer support.

# Safety information

 If you hear strange noises, smell strange odours, and/or detect smoke from the product, immediately turn the car ignition off and unplug the product to avoid short circuits or fire, and consult your mechanic or XTRONS customer support.

 Do not disassemble or modify the product in any way. Doing so may result in fire. If you experience problems during installation, consult your mechanic or XTRONS customer support.

 Do NOT block vents or heat dissipation panels. Doing so may cause heat to build up inside and may result in fire.

 Please remember that although the navigation system/parking/reversing sensors are there to make your driving easier and safer, they are not a substitute for the driver's attention and judgement. The driver is always responsible for ensuring the car is driven in a safe manner, at the appropriate speed, at an appropriate distance from other vehicles, and in accordance with current traffic rules and regulations.

 Please keep the manual in a safe place, close to the product for future reference.


# General Warnings

Congratulations on your new XTRONS product.

With over 13 years of experience in In-Car entertainment, XTRONS has been working continuously to bring the latest technology and concepts to your driving experience. We aim to develop long-lasting quality products with excellent customer service, to lead the aftermarket in-car entertainment industry.

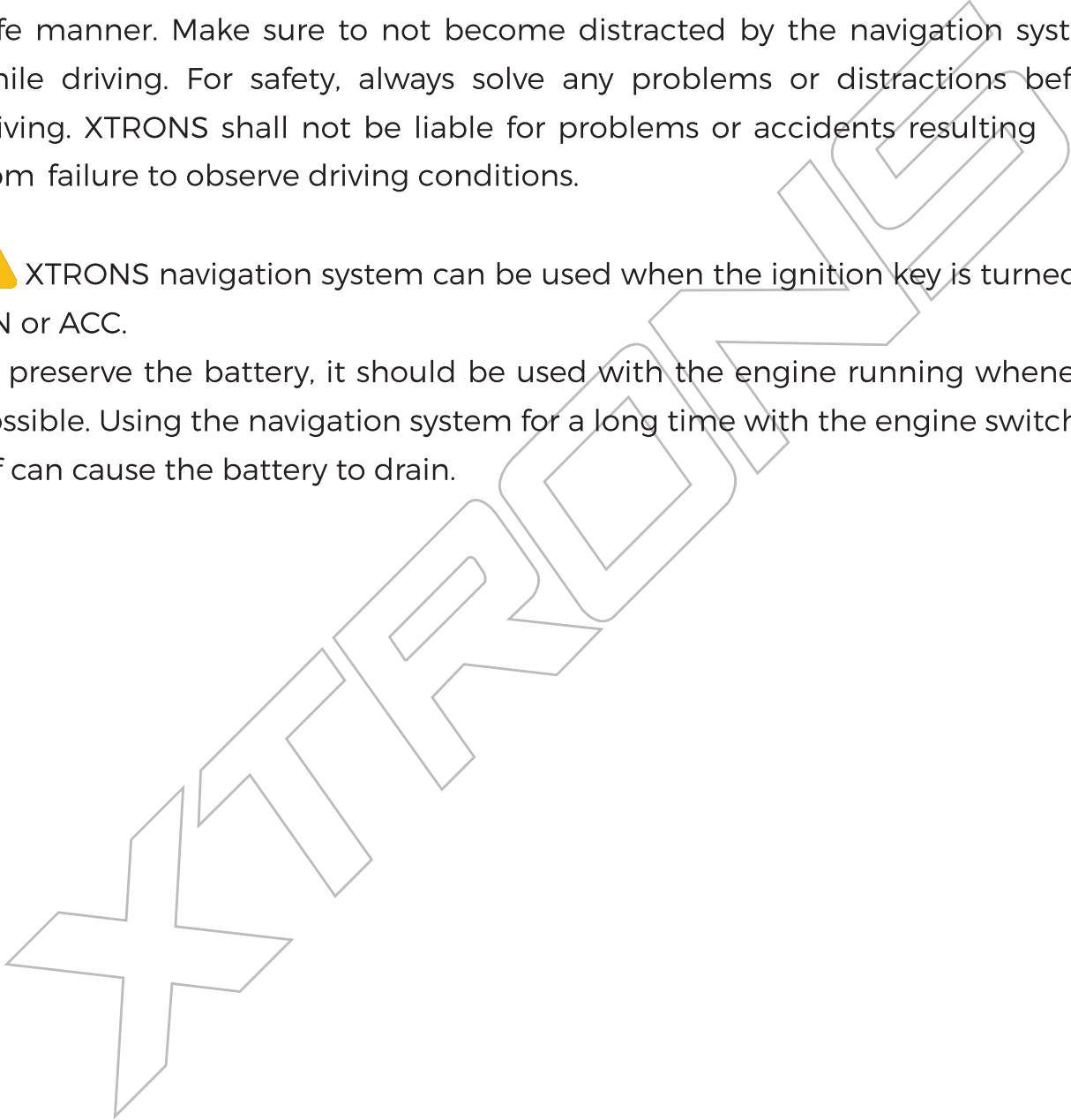
- ⚠ The head unit is not a toy. Do not allow children to play with, on, or around the product. Close supervision of children is always necessary.
- ⚠ Turn off this unit in locations where inflammable gas or strong magnetic fields are present, (for example a petrol station) as it may cause an accident.
- ⚠ Do not place heavy or dangerous objects on the screen.
- ⚠ To avoid electric shock, fire, serious injury, or product damage, do not expose the product to humidity or splash water directly onto the product.
- ⚠ If the unit has a CD/DVD drive, it can play 120mm (5 inch) discs only, please do not insert any discs of different sizes into the disc slot.
- ⚠ To ensure safety, the wiring and installation of this unit requires technical skill and experience. If airbags or any other shock-absorbing safety equipment is in your car, before installation contact a professional car electrician or dealer you purchased this unit from.
- ⚠ IN NO EVENT SHALL XTRONS BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR OTHER DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS, PERSONAL INJURY.

# General Warnings

 When navigating, carefully compare information displayed on the navigation system to all available navigation sources, including information from street signs, visual sightings, and maps. Always operate the vehicle in a safe manner. Make sure to not become distracted by the navigation system while driving. For safety, always solve any problems or distractions before driving. XTRONS shall not be liable for problems or accidents resulting from failure to observe driving conditions.

 XTRONS navigation system can be used when the ignition key is turned to ON or ACC.

To preserve the battery, it should be used with the engine running whenever possible. Using the navigation system for a long time with the engine switched off can cause the battery to drain.

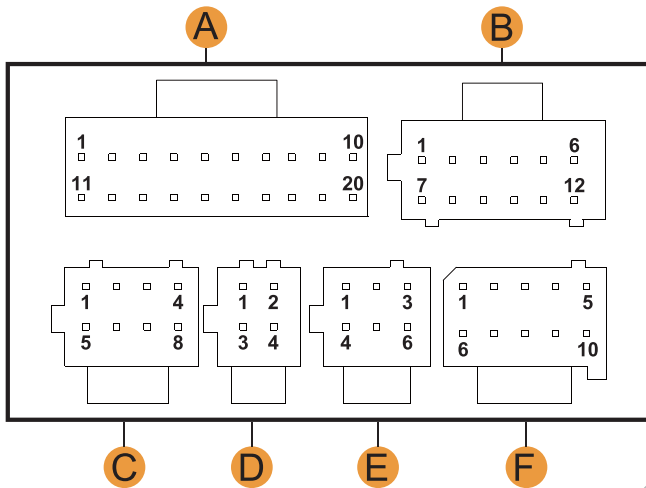


# Wiring harness diagram

POWER SOURCE: DC 12V

MAX CONSUME CURRENT: 15A

## RCA



1. AMP-12V	11. GND
2. AUX_R-IN	12. FL-OUT
3. AUX_L-IN	13. FR-OUT
4. SIM_SIO	14. GND
5. INT_SIM	15. GND
6. SIM_CLK	16. GND
7. SIM_RST	17. VIDEO-OUT
8. SIM_VCC	18. SUB-OUT
9. VIDEO-IN 2	19. VIDEO-IN 1
10. MIC-	20. MIC+

<b>B</b>	N/A
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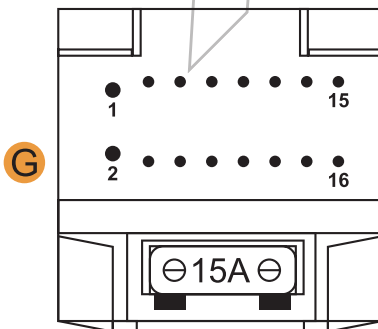
<b>C</b>	1. NC	5. NC
	2. NC	6. NC
	3. NC	7. NC
	4. CAN-RX	8. CAN-TX

<b>D</b>	1. DC_5V	3. USB_OTG_DP
	2. GND	4. USB_OTG_DN

<b>E</b>	1. DC_5V	4. USB2_DP
	2. GND	5. USB3_DN
	3. USB2_DN	6. USB3_DP

<b>F</b>	1. NC
	2. NC
	3. NC
	4. BACK-12V
	5. BRAKE
	6. BT -ANT
	7. GND
	8. CAMERA-IN
	9. GND
	10. WIFI_ANT

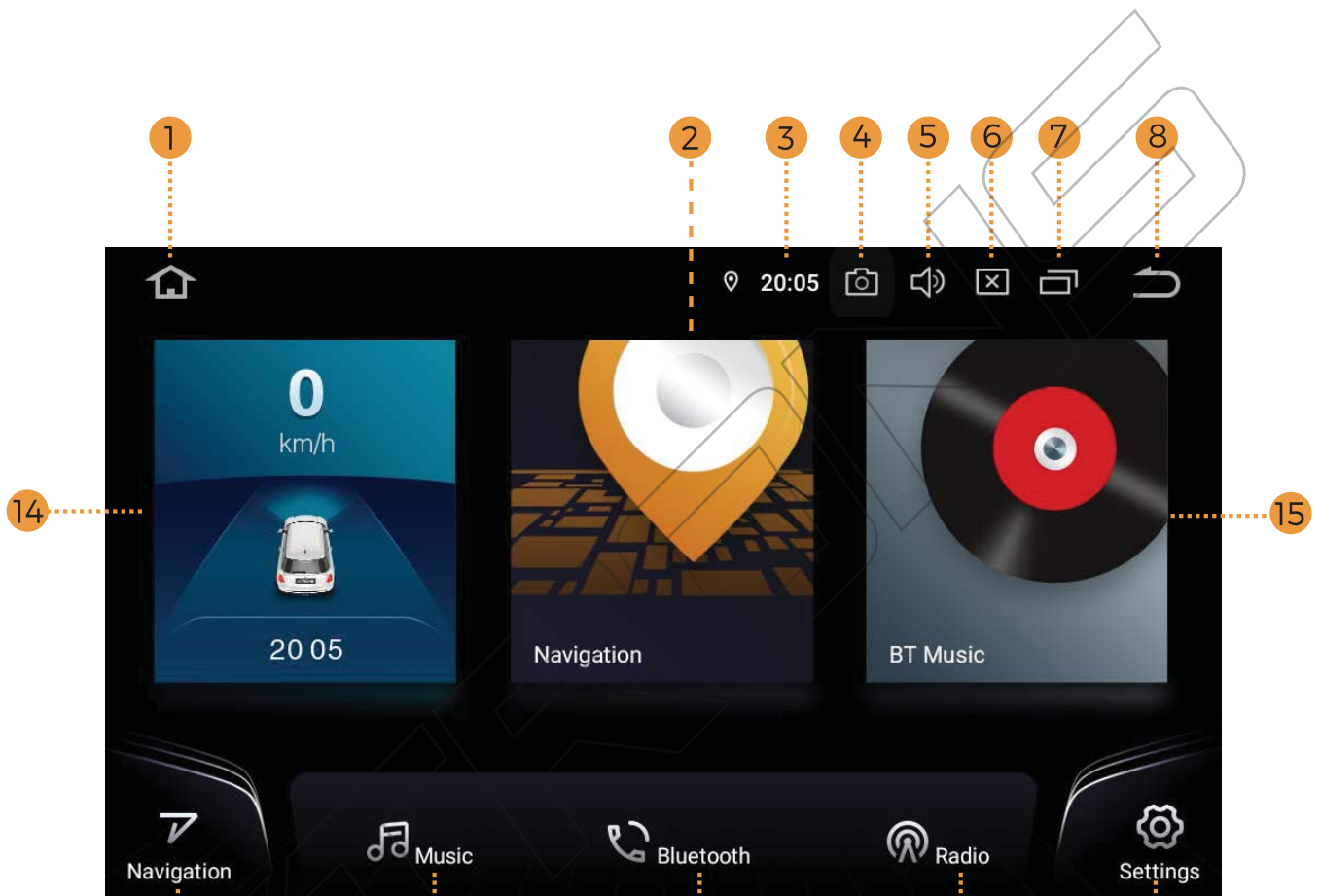
## PWR



<b>G</b>	1. GND	9. FR
	2. B+	10. RL-
	3. ACC	11. FR+
	4. ILLUI	12. RL+
	5. BACK	13. FL-
	6. SW-KEY2	14. RR+
	7. SW-KEY1	15. FL+
	8. ANT-12V	16. RR-

# Basic Operations

## Main Screen Introduction



1. Home

2. Navigation

3. Time

4. Screenshot

5. Volume

6. Brightness

7. Recent apps

8. Back

9. Navigation

10. Music

11. Bluetooth

12. Radio

13. Settings

14. Time & Speed (Km/h & MPH)

15. Bluetooth Music



# Basic Operations

## Touch Screen Gestures

The Android system allows the user to operate the unit with the touchscreen. Slide a finger across the screen for the desired action. Spread the fingers to zoom in (available only on certain apps like Chrome or Book Reader), pinch your fingers to zoom out. You can change the position of the icons and widgets by holding your finger in one spot until the unit performs the desired action.

### Tips for Using Touch Screen

When using the touch screen, there are several ways to perform corresponding operations on the device.

- **Clicking Function**

You can select an application icon or option on the screen to select the clicking function.

- **Dragging Function**

Drag the touch screen or press the scroll bar for up and down operation. For example, browse your contact list on bluetooth-enabled phones with the dragging function.

- **Zooming Function**

When browsing the web, click the screen twice, then you can zoom in or out on the page content. Or, you can press the screen with two fingers, and by controlling the sliding distance between the fingers, you can zoom in or out on the page content.

# Functions

## Radio

### ● Radio Region Setting





If your radio is set to a different region/country, you can change the region and perform a scan to see what stations are available. The setting can be found in: Settings --> Car --> Factory Settings --> Input the password: 126-ok --> Radio.

### ● Enter Radio Mode

To listen to the Radio, touch the Radio icon in APPs menu.





### ● Search Radio Manually

Touch  or  to change frequencies. Press  or  to automatically find the nearest working frequency.

# Functions

## ● Auto Search


Press the  icon; for automatic search from low frequency to high frequency. The radio app will go through the spectrum of frequencies to find the strongest signal. Once finished, the stations will be automatically saved. Press the  icon again to stop the scan.


To manually save a station, find the desired frequency and press and hold the number button for 2 seconds. Desired station will save under the chosen button. You can save up to 18 FM stations, and 12 AM stations.

AF function automatically selects the best frequency for the set radio station and can be activated for FM radio.

TP (Traffic Programme) function allows the user to find only those stations that regularly broadcast traffic bulletins, whereas the TA (Traffic Announcement) is used to stop the CD or other music and turn on the station that broadcasts TA.

PTY is for program type. Some stations put a digital encoding on the program type and you can scan for pre-defined program types like rock, news, jazz, etc.

 You can choose between Mono and Stereo FM reception. When the signal reception for an FM radio station is unstable, switching to mono may improve it. "ST" symbol means that the radio is in stereo reception mode.

 You can choose between Locate (LOC) and DX mode. When it shows LOC, it means it can only receive short-distance and local signal stations, otherwise it can receive foreign and local stations.

**AM|FM** This setting will allow you to choose from different FM and AM bands.

# Functions

## Navigation

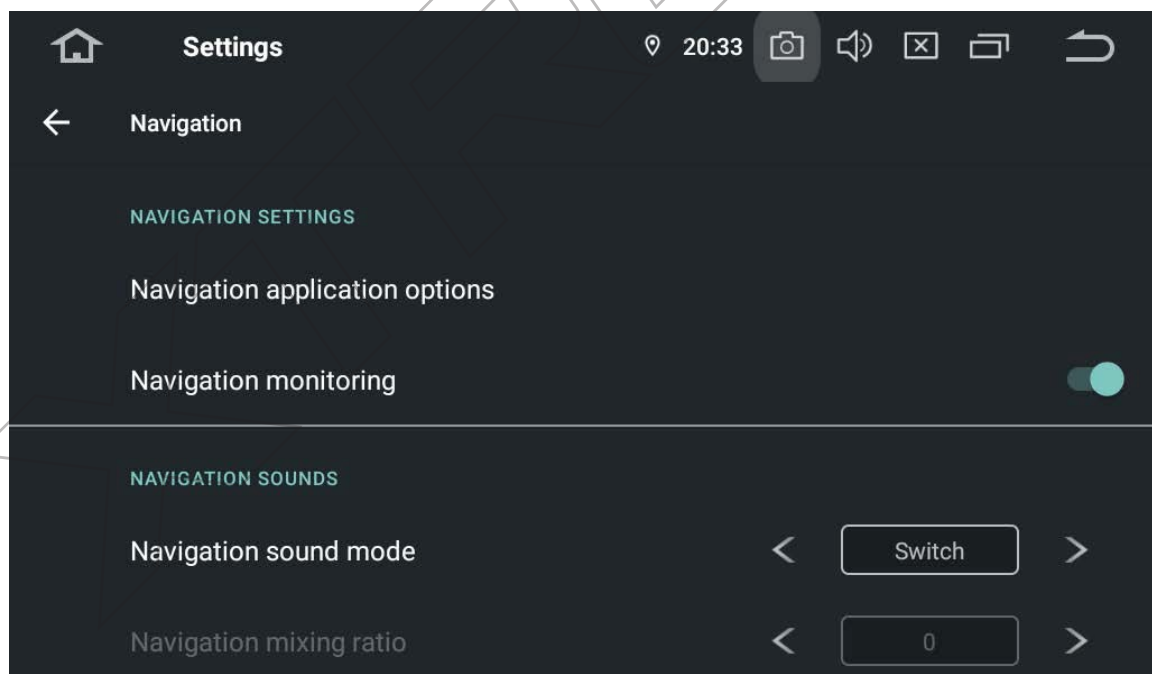
### ● Satellite System Setting

This unit supports using two satellite systems simultaneously. The setting can be found in:

Settings --> Car --> Factory Settings --> Input the password: 126-ok --> Other --> GPS selection. You can choose between GPS + GLONASS, GPS + BDS, GLONASS + BDS.

### ● Navigation Setup

Press the Settings icon, select "CAR", press "Navigation" to enter the navigation menu.



Navigation monitoring: when navigation monitoring is on, you can set the navigation sound mode between switch and mixing.

# Functions

## ● **Online Maps**

Google Maps is preinstalled on the XTRONS Android unit, you can download the online maps after the unit is connected to the internet.

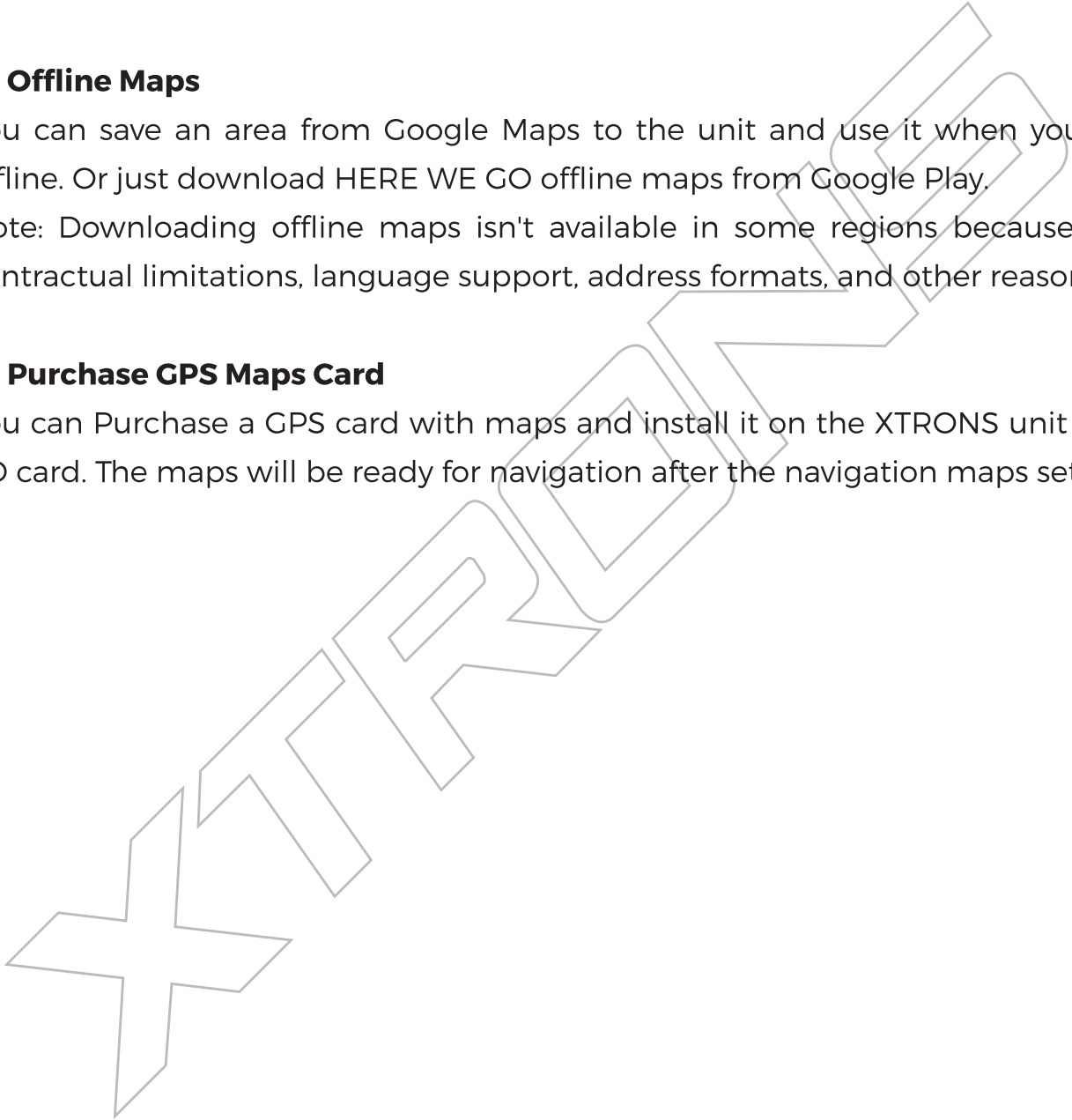
## ● **Offline Maps**

You can save an area from Google Maps to the unit and use it when you're offline. Or just download HERE WE GO offline maps from Google Play.

Note: Downloading offline maps isn't available in some regions because of contractual limitations, language support, address formats, and other reasons.

## ● **Purchase GPS Maps Card**

You can Purchase a GPS card with maps and install it on the XTRONS unit via SD card. The maps will be ready for navigation after the navigation maps setup.

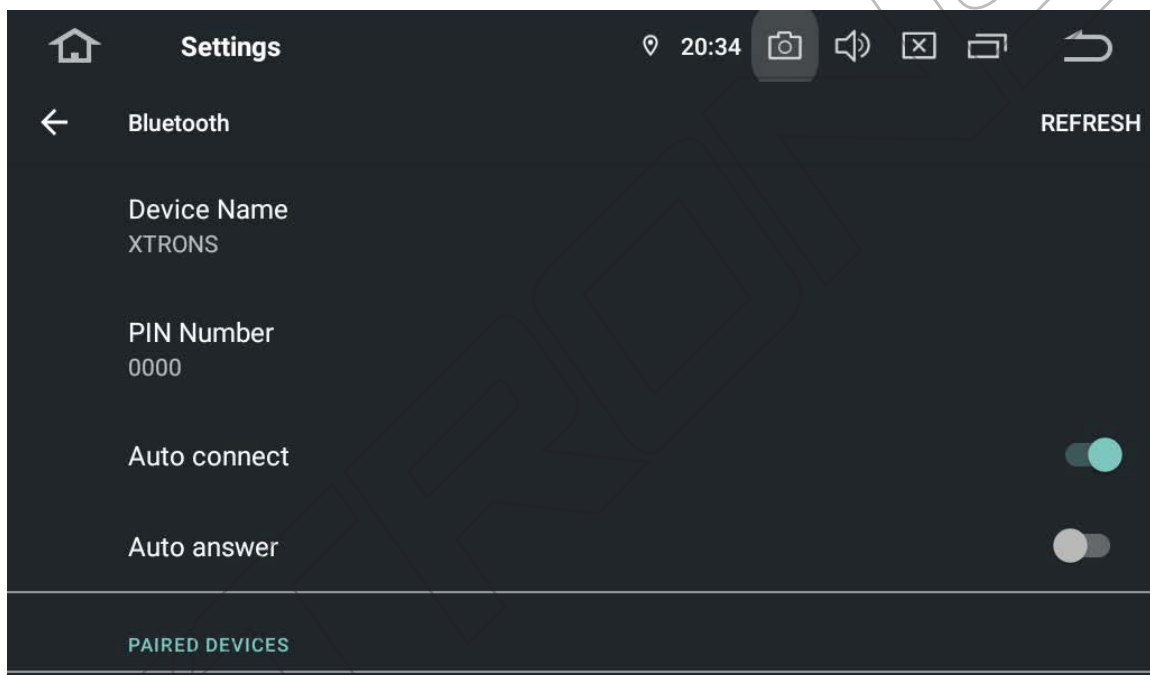



# Functions

## Bluetooth

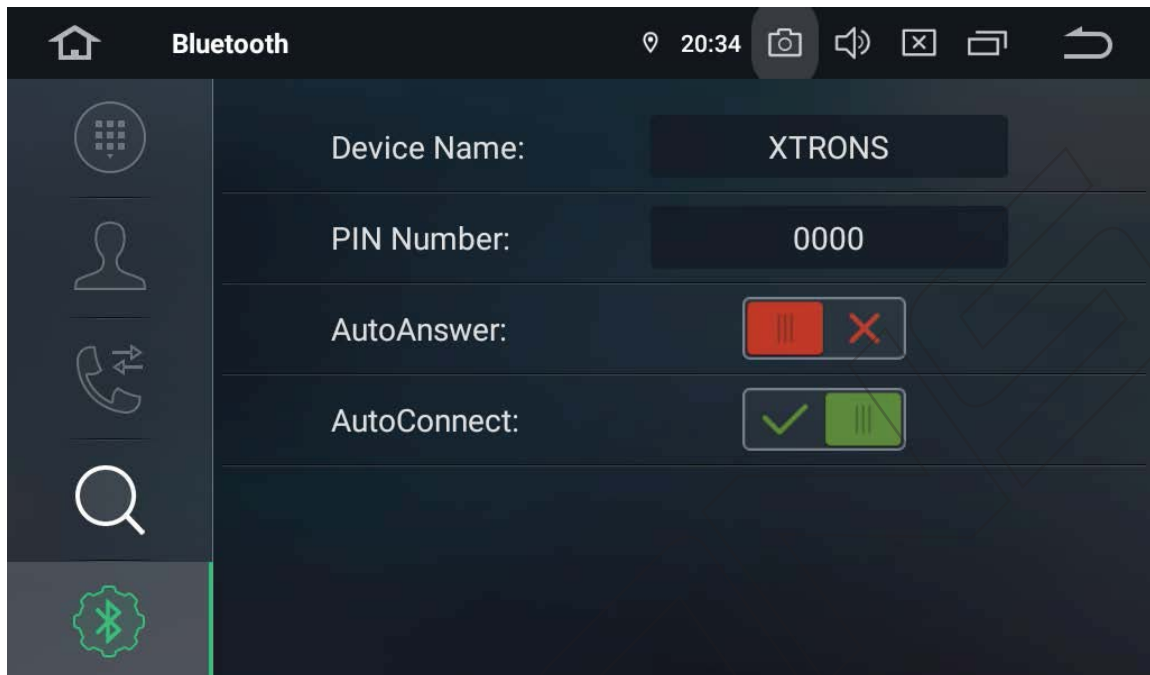
### ● Bluetooth Setup

Method 1: Press the Settings icon and select "Connected devices", then touch "Bluetooth" to enter into the Bluetooth SETUP screen.



Method 2: Touch "Bluetooth" icon on the UI to enter into Bluetooth Menu, touch  to enter into the Bluetooth SETUP Screen.

# Functions

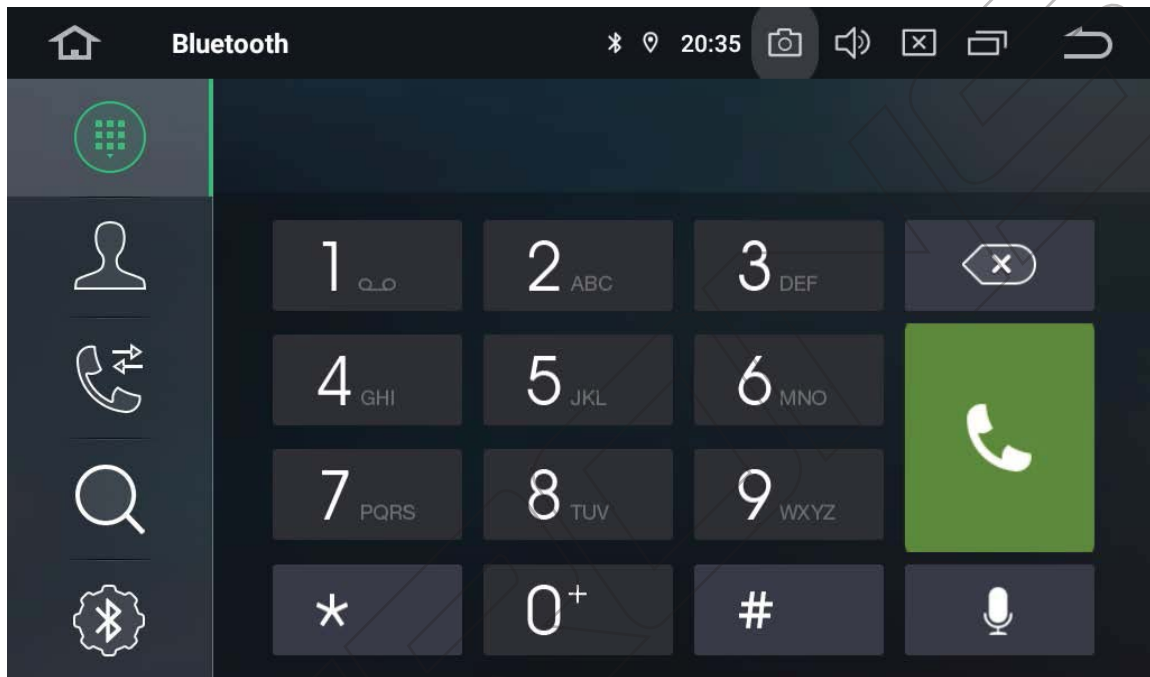


1. You can change the Device Name of this unit. Tap XTRONS to enter a different name.
2. You can change the PIN Number (Bluetooth pairing password). The default password is 0000. Enter another four-digit number and then tap to set a new password.
3. You can turn AutoAnswer / AutoConnect on or off.  
Auto Connect: Auto connect to a previously paired device.  
Auto Answer: Auto answer the incoming call.

# Functions

## ● Hands-Free

**Note:** For your safety, please do not use a mobile phone while driving, even if it's fully hands-free.



 Delete

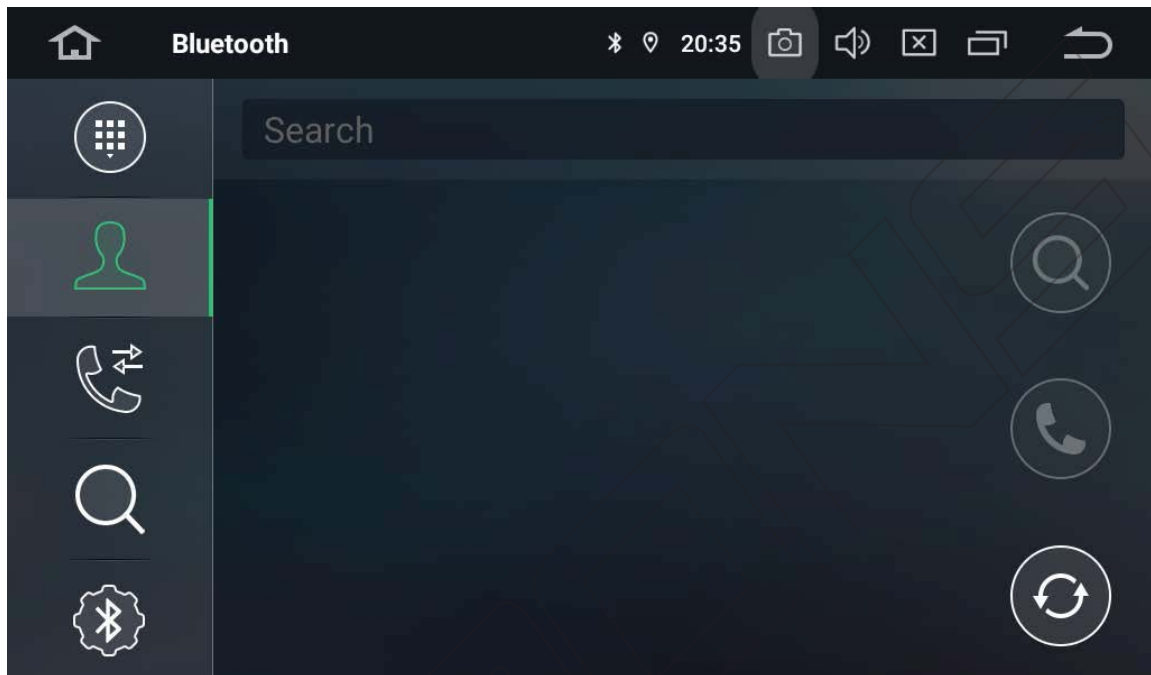
 Turn microphone on/off

 Make a call



# Functions

## ● Phone Book



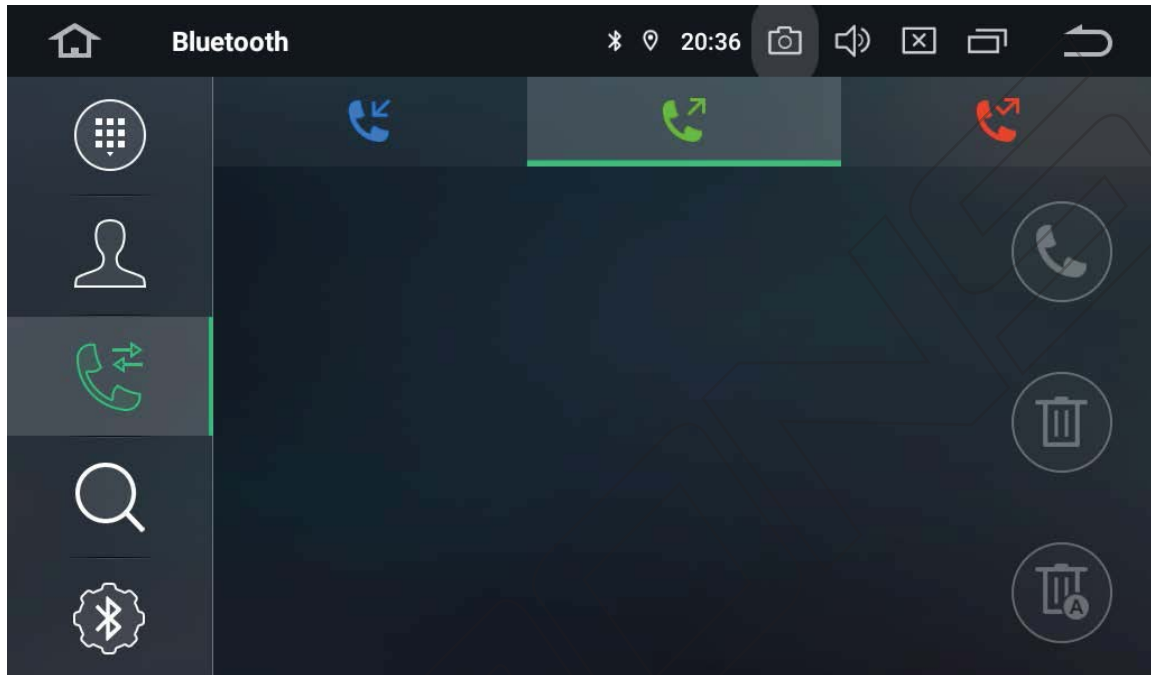
Tap  to search contacts on your phone.

Tap  to make a call.

Tap  to synchronise the contacts from your Bluetooth device.

# Functions

## ● Call History



 Answered Call

 Dialed Call

 Missed Call

 Make a call

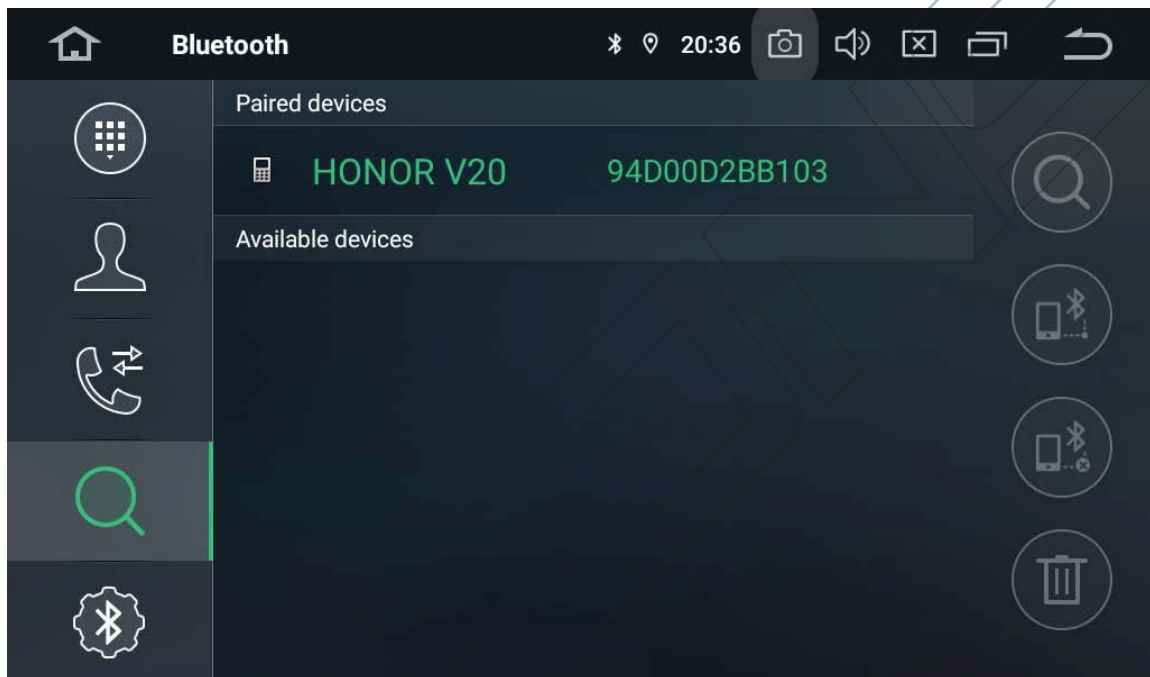
 Delete

 Delete All

# Functions

## ● Bluetooth Connection

⚠ While driving, do not perform complicated operations such as dialling numbers, using the phone book, etc or having a long call. If you intend to perform these operations, stop your car in a safe place first.





 Search

 Disconnect

 Connect

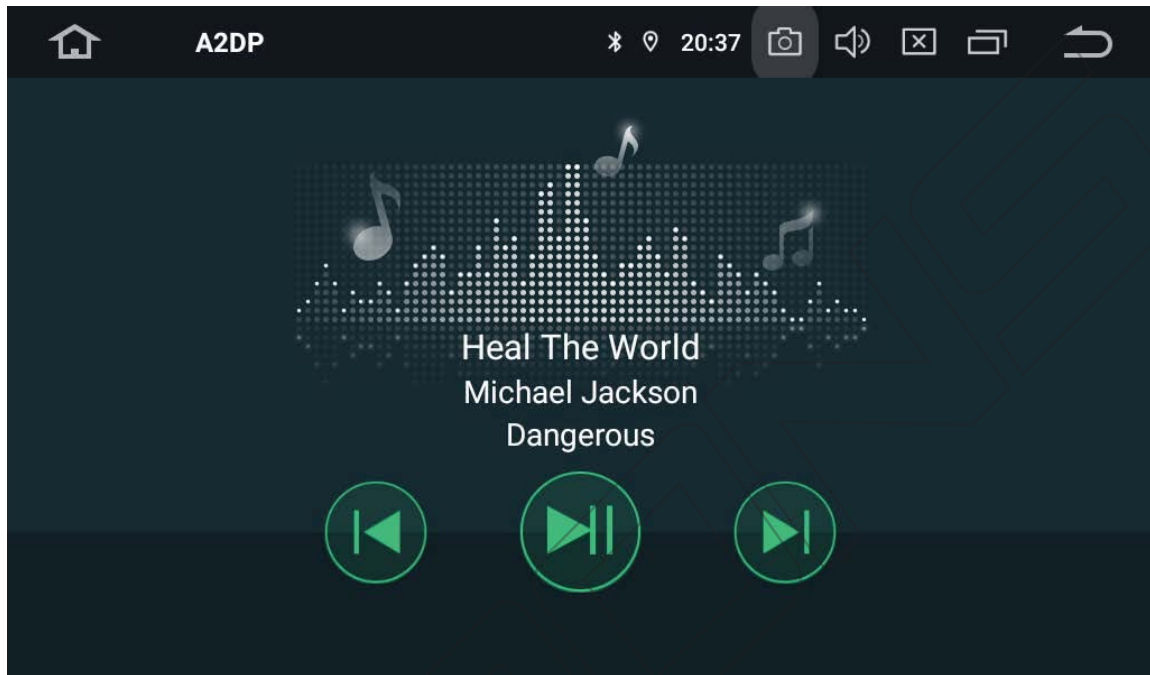
 Delete

## ● Connect the Bluetooth device

1. Turn on the Bluetooth on your phone.
2. Touch the name of the device(XTRONS) you want to connect.
3. Your phone will be in the connected devices list.
4. Once your phone is paired to the XTRONS unit, use the fast switch icon  /  to reconnect/disconnect the devices.

# Functions

## ● Bluetooth Music



After the Bluetooth connection is established, tap BT music on the apps menu screen, and then you can play music stored in your Bluetooth device on this unit.



Previous



Pause/Play



Next

**Note:** If you use the other functions on your phone when using the Bluetooth audio, it may cause some noise to the Bluetooth audio due to signal interruption.

While Bluetooth is pairing with XTRONS products, the audio playing may be paused.

# Functions

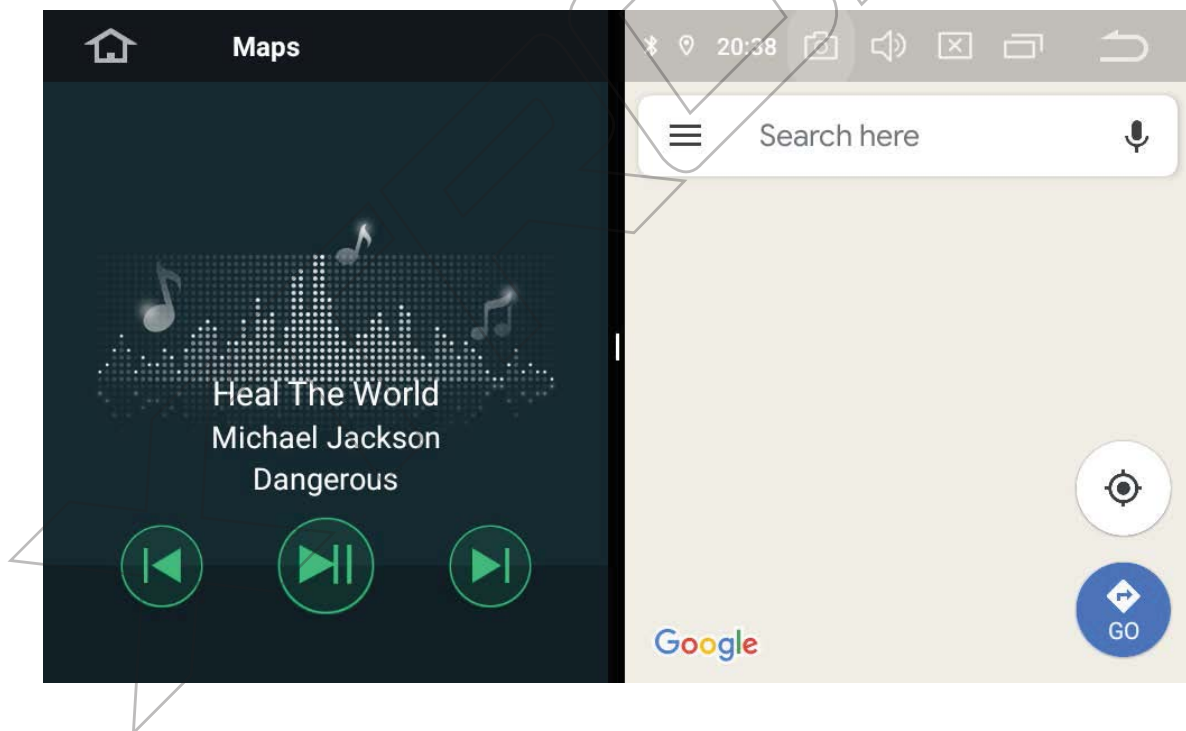
## Split Screen

Split screen( view two apps side by side on the same screen).

### ● How to use split screen

Tap the  icon from the status bar to view the running apps, select two apps you want on the same screen.

Touch and hold first app until a notification appears on the left side of the screen: "Drag here to use split screen" - and drag it there, after it snaps in place, select second app to appear on the other side of the screen.

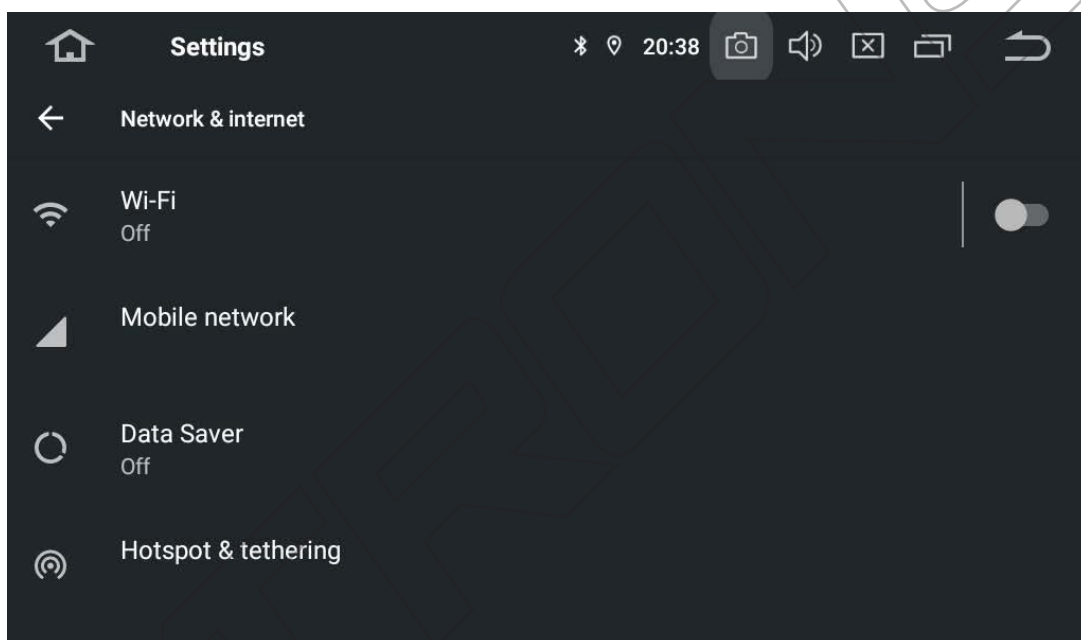


# Functions

## Internet

### ● Access the Internet


From the Home screen, tap Settings icon --> Network & Internet, use Wi-Fi or 4G network.



### ● Connect to WLAN network

- Toggle  to turn the Wi-Fi on.
- In the Wi-Fi setting interface, connect to the WLAN network by any of the following methods:
  1. In the list of available WLANs, click on the WLAN network you want to connect to (It supports both 2.4GHz and 5GHz bands of Wi-Fi networking), if you select an encrypted network, you need to enter a password.
  2. Scroll down to the bottom of the menu, click "Add network", and follow the on-screen prompts to enter the network name and access password to complete the WLAN connection.

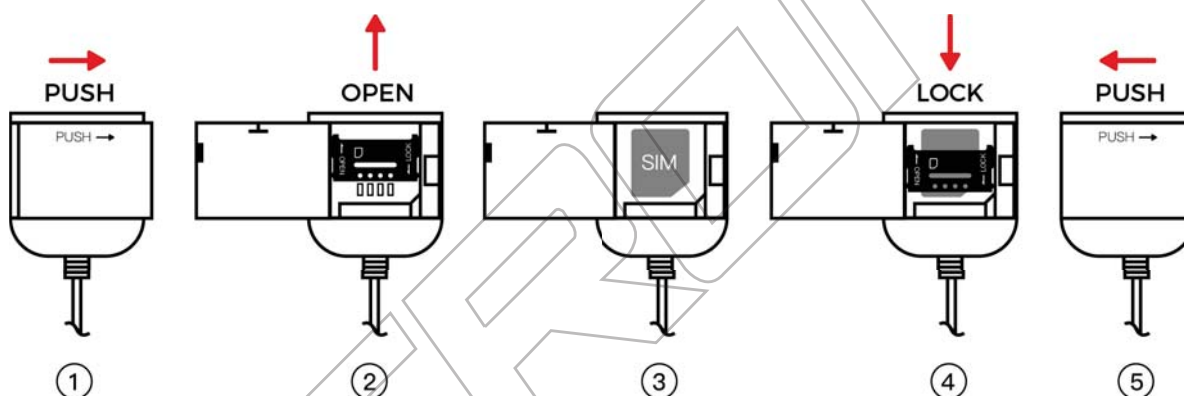
# Functions

After the network is successfully connected, the status bar will show an icon as .

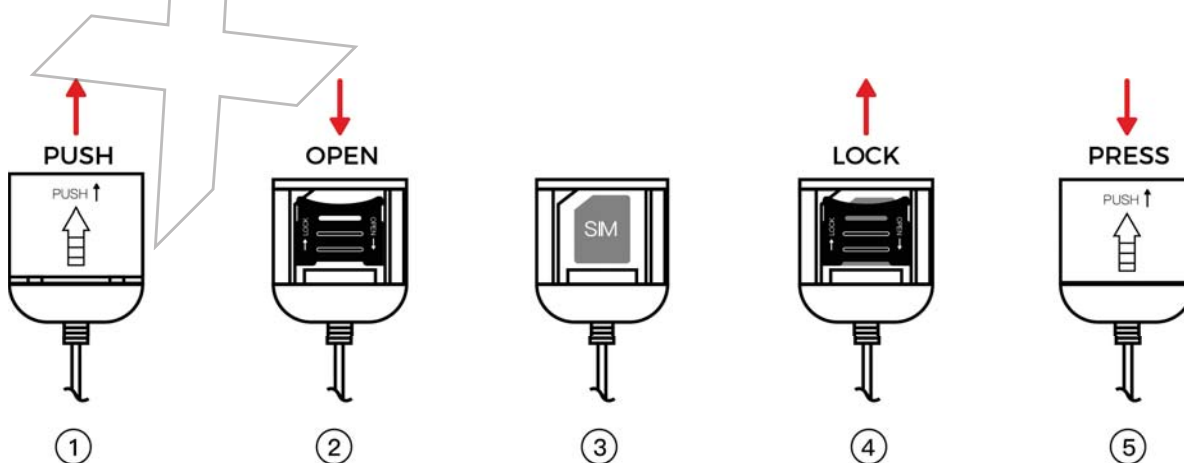
## ● Connect to 4G network

To use 4G internet, please refer to following steps:

1. Turn the machine off.
2. The the SIM card slot may differ due to different models. Please refer to below pictures:



A: Find the SIM cable, push right to open the lid > push the clip up to open > insert the SIM card in the correct direction > close and push the clip down to lock > close the lid and push left to lock.

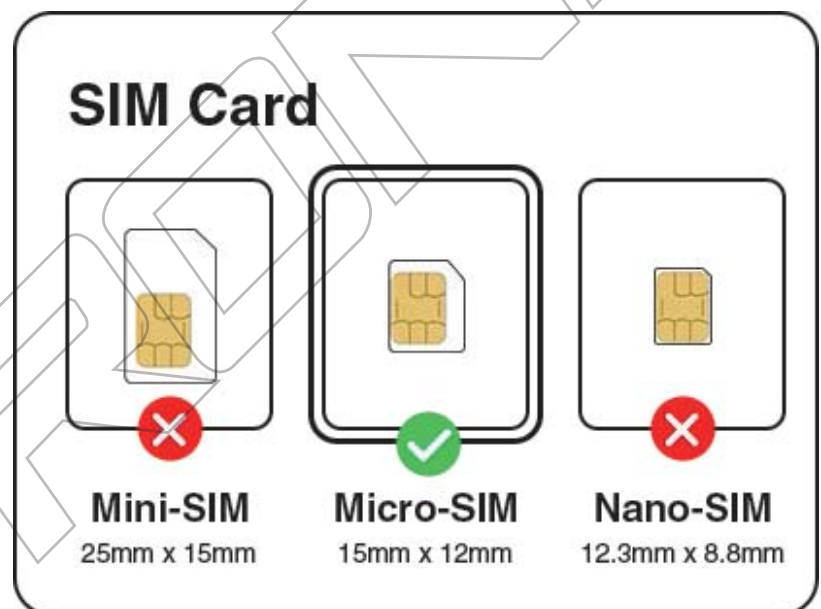


# Functions

B: Find the SIM cable, push up to open the lid > push down and lift the clip to open > insert the SIM card in the correct direction > close and push the clip up to lock > close the lid and press to lock.

3. Check signal mark in the upper right corner of the display, if normal, then you are free to surf the internet. You can browse the web, download apps via Google Play, play online games, etc. The possibilities are endless with the Internet in your car.

SIM card is not included and accept Micro-SIM card (15mm \* 12mm) ONLY.



※ 4G frequency supports :

LTE-FDD: B1/B3/B5/B7/B8/B20/B28

LTE-TDD: B38/B40/B41

WCDMA: B1/B2/B5/B8

The 4G frequency bands used in different countries are different, a few frequency bands may not be supported.

※ Do not plug or unplug the SIM card while the machine is running as it may result in burning the SIM card or taking a long time to receive the 4G signal.

※ When inserting the SIM card, please pay attention to the direction of the card, the wrong direction will lead to no signal or burn the SIM card.



## Multimedia

### ● Always Drive Safely

Video Playback while driving is prohibited by law. It may cause distractions that lead to an accident. The factory settings on XTRONS units do not allow for video playback while driving. You can change these settings in:

Settings --> Car --> Driving Settings --> Watching video. You can choose Allowed to watch video while driving or not. Toggle  to turn on/off.

### ● DVD Playback









Important Notice:

- If the unit is with CD/DVD drive(optional), it can play 120mm (5 inch) discs only, please do not insert any other discs of different sizes into the disc slot.
- You can change the subtitles or audio language. When the desired language is not displaying even after pressing the button several times, it means that the language is not available on the disc.
- Language settings for played video are stored in the DVD app itself. It means, if you watch a movie and select French subtitles, the next movie you play on the unit will also have French subtitles on (if the movie itself contains it. If not, the DVD app will play default language and default subtitles.).
- For your safety, please do not get distracted by watching video while driving.
- Before using the optical drive, be sure to remove the two transport locking screws (on top of the radio).

# Functions



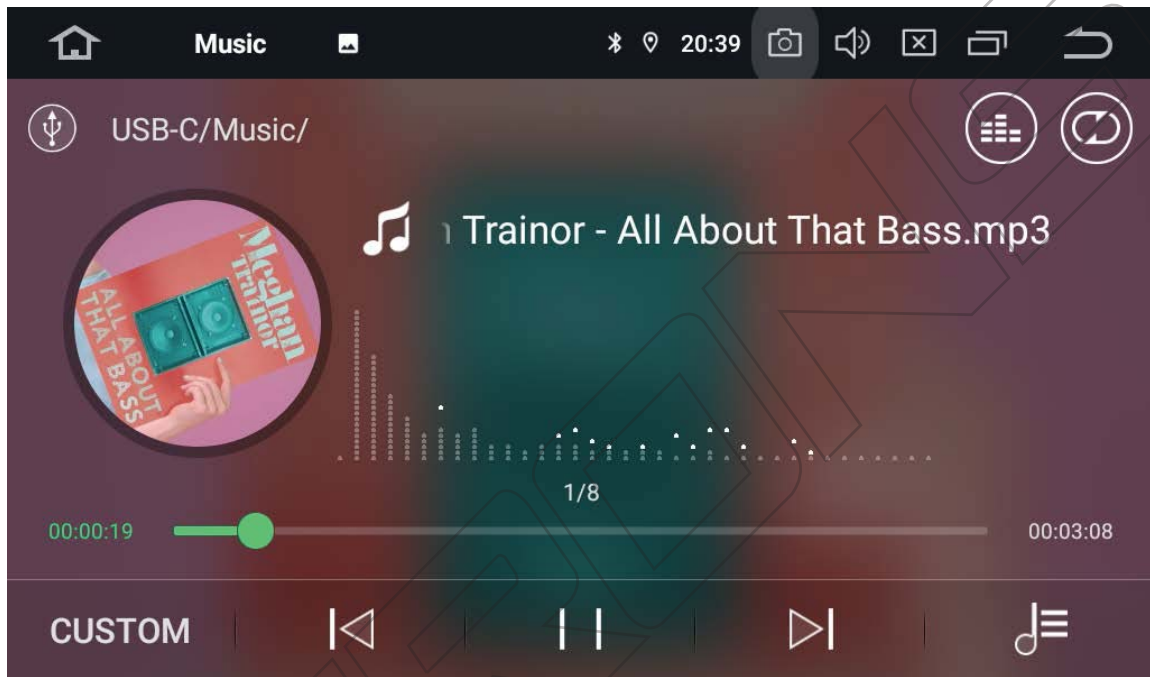
Insert the disc, the unit will detect the discs and playback will start automatically.

-  Ejects the disc
-  Previous
-  Touch and hold to fast rewind (speed can go up to 2x, 4x, 8x, 20x)
-  Play/Pause
-  Stop
-  Touch and hold to fast forward (speed can go up to 2x, 4x, 8x, 20x)
-  Next
-  More settings, including sound subtitle, channel, menu, loop mode, etc.







# Functions

## ● Music Audio

You can play audio files from USB/SD. Insert a USB drive/SD card containing music files, and tap music icon to open music player.



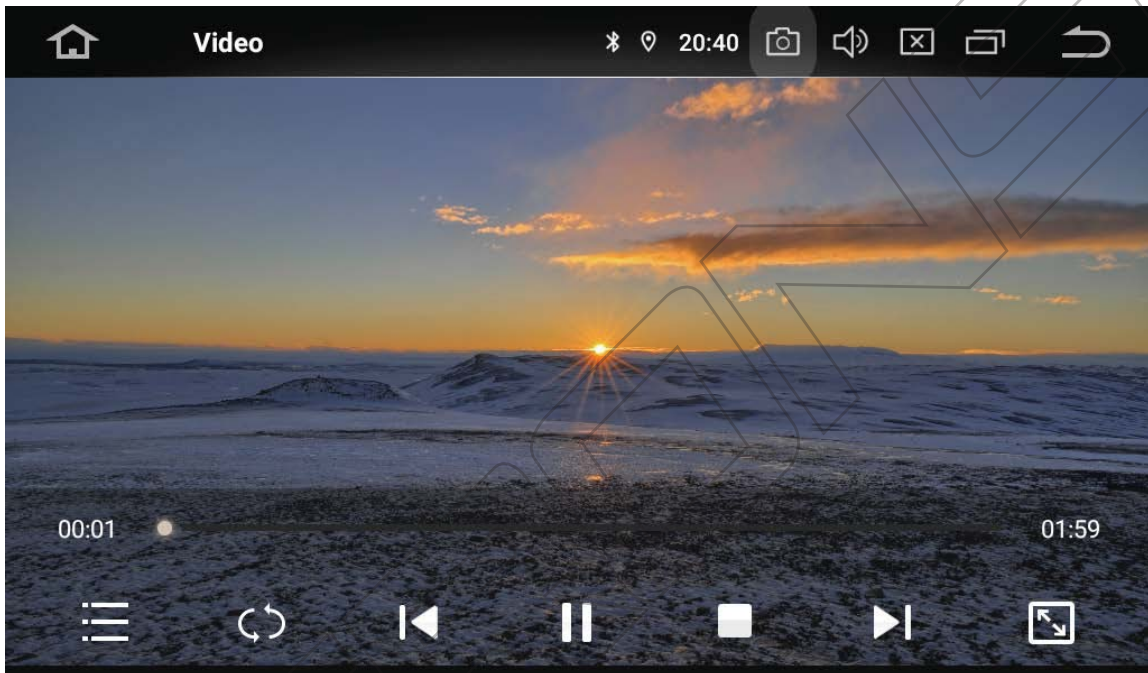
Insert the disc, the unit will detect the discs and playback will start automatically.

-  Audio Source
-  Loop Mode
-  Previous
-  Pause/Play
-  Next
-  Playlist

# Functions

## ● Video

You can play video files from USB/SD. Insert a USB drive/SD card containing video files and tap video icon to open video player (The file format may affect the sound quality).



Insert the disc, the unit will detect the discs and playback will start automatically.



Video Source.



Switch playback modes. Each time you tap this button, playback mode will switch in the following sequence: Repeat All, Random, Sequential, File Repeat.



Previous



Play/Pause



Stop



Next



Tap icon to change the screen ratio.

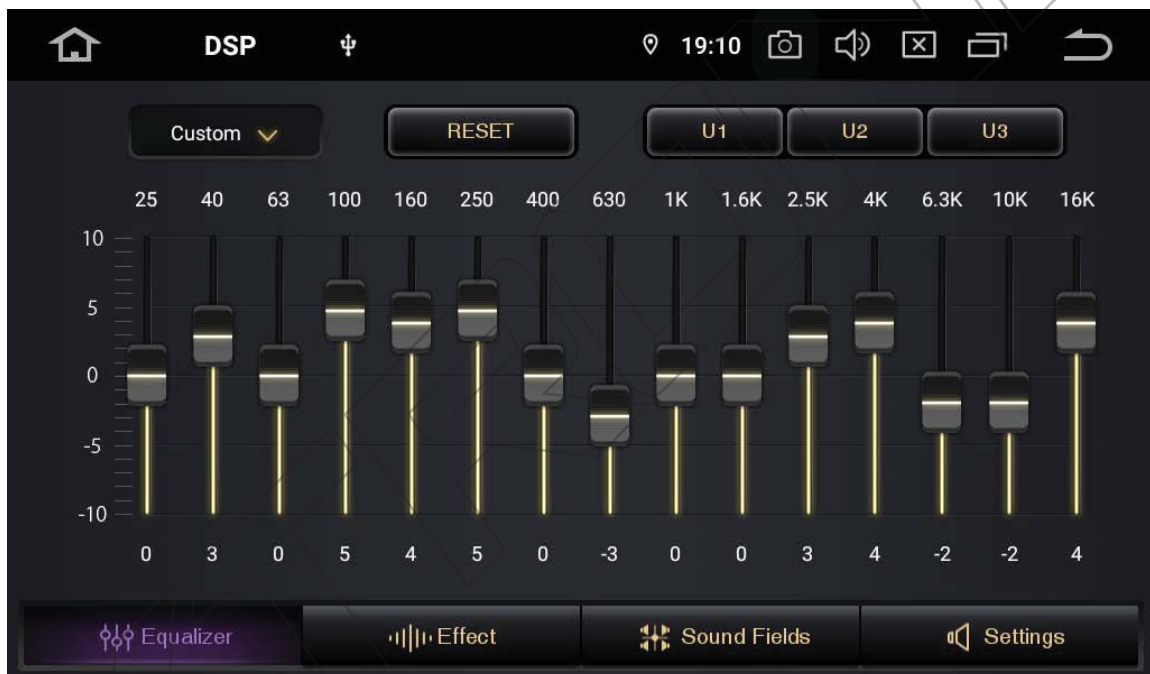
# Functions

## DSP

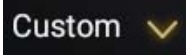
Tap the DSP icon to open DSP settings menu.

### ● Equalizer

EQ setting will be activated when  Equalizer button is pressed, shown this as below:



### EQ Presets Menu

The triangle icons of USER button  allows the adjustment of specific presets such as custom, rock, pop, jazz, classic, flat, voice.

### Customise the EQ settings

The user can customise the EQ frequency by dragging the control slider on the frequency bar. Each slider adjusts a specific frequency band, labeled in hertz (Hz), with the vertical motion increasing/decreasing the decibel (dB) output.

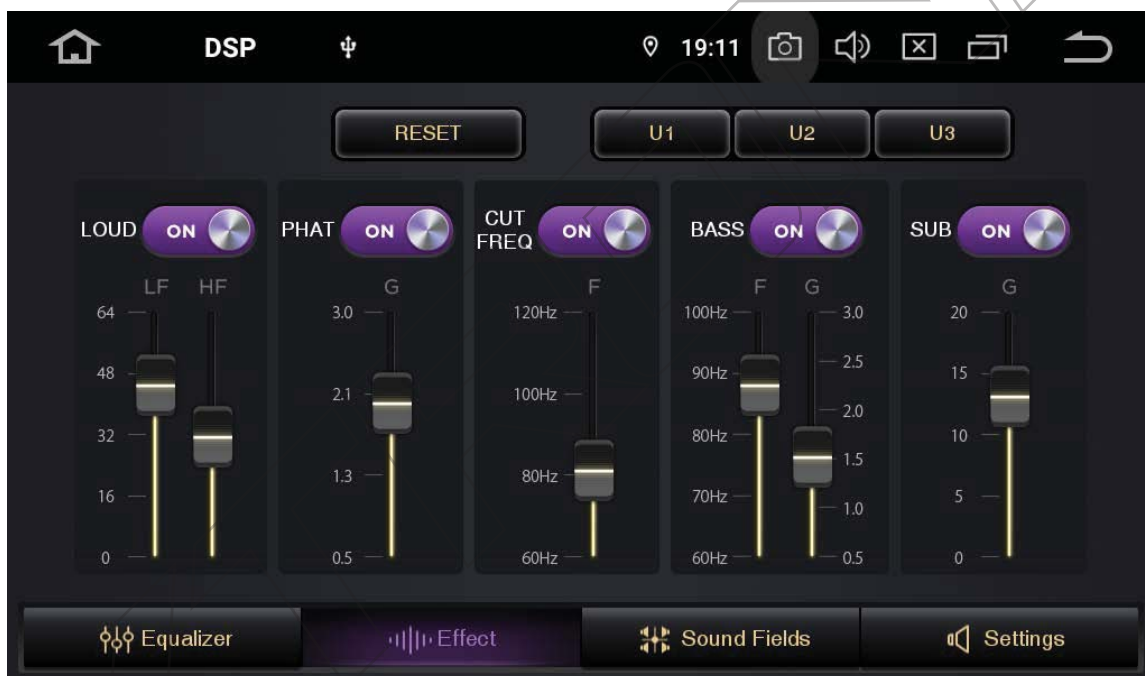
# Functions

Three customisations are available: U1/U2/U3. Long press any customisation icon to save the current presets of EQ and tap it to adjust.

Press "RESET" icon to reset the settings to FLAT.


## ● Effect

User can customise the sound effect by tapping the  shown as below:



## LOUD


Boosts certain frequencies during low listening volumes.

Tap  icon to enable loudness settings. Low-end frequency control is located on the slider bar under "LF", high-end frequency control is located on the slider bar under "HF".

# Functions


## PHAT

The surround sound presents a fixed or forward perspective of the sound field to the listener.

Tap  icon to enable PHAT settings and adjust the strength of the surround sound with the slider bar.


## CUT FREQ

Reduce the amount of a set of low frequencies to get rid of unnecessary low-end rumble.

Tap  icon to enable CUT FREQ settings and adjust the frequencies with the slider bar for cutting.


## BASS

Dynamic Bass EQ works to boost those low frequency levels, you will enjoy full, rich, dynamic bass content.

Tap  icon to enable BASS settings. Slide the control on the bar under left "F" icon to select the centre frequency and slide right "G" icon to determine the boost amount.

## SUB

Auxiliary to enhance the low frequency dynamic bass, making the sound higher impact and more appealing.


Tap  icon to enable SUB settings and adjust the amplitude of the enhanced dynamic subwoofer.

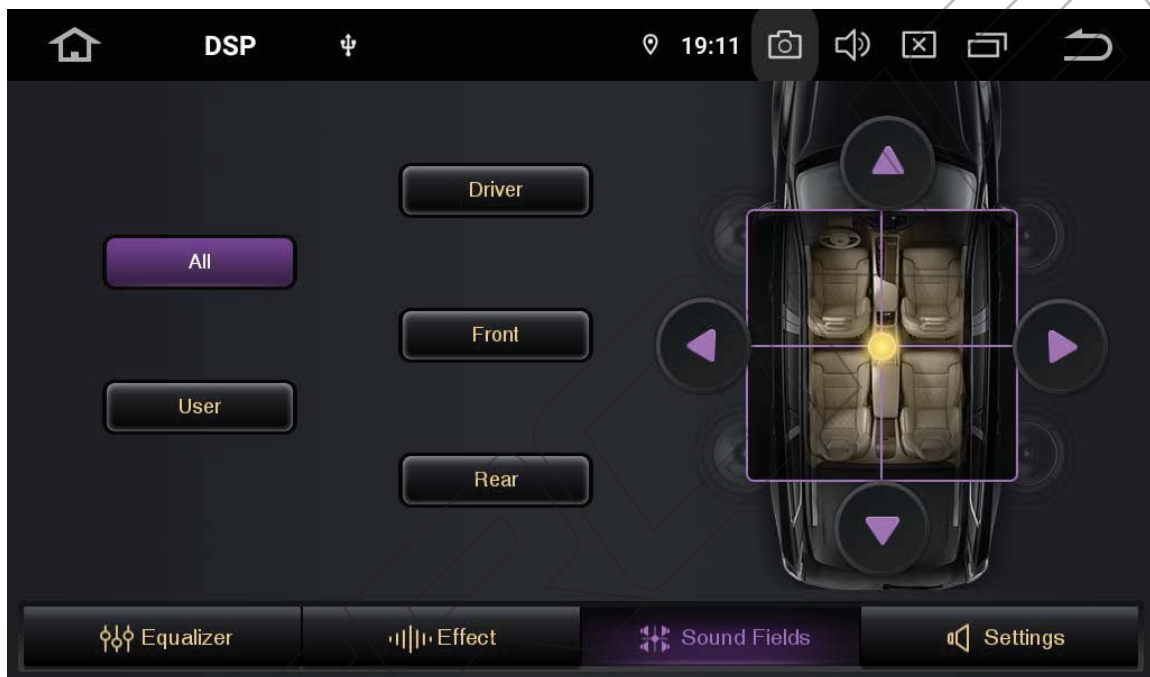
## Archive and Reset

After setting the favorite sound effect, long press any of the customisation icons to save the current settings. Click "RESET" icon to restore to the default state.

# Functions

## ● Sound Fields

The listener at the designated position can feel the centre of the sound field. Tap  **Sound Fields** icon to enter the sound field adjustment, shown as below:



This will enable the common column sound field mode. You can choose from all, user, driver, front and rear.


## ● Settings

Specialty sound field settings, where you can set the best listening position.



# Functions



Click  icon in the upper right corner to open a Sound Field space setting. This setting will allow you to set the distance between the speakers. You must measure it horizontally (front to back) and vertically (left to right). Click "Confirm" to save settings.

Fader: Turn on to adjust the volume balance of the front and rear sound fields.

Select a position from Driver, RearLeft, All, Copilot, RearRight and User as sound stage centre. You can only choose one position as centre.

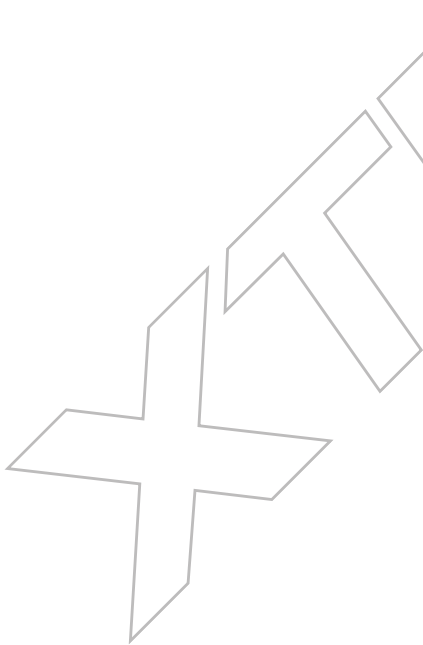
# Functions

## ● Assistive Settings

Due to the difference of the speakers and size of the vehicles, sometimes the best listening position will be slightly deviated. The centre of the sound field can be calibrated manually by adjusting the fader.

- Turn Fader on to enable the adjustment. At this time, the "+" / "-" icon beside the four speakers on the page can be adjusted. Click to increase or decrease the volume of this speaker.
- Tap the arrows on the chart or drag the center cross point to adjust the best listening position and achieve the best sound effect.

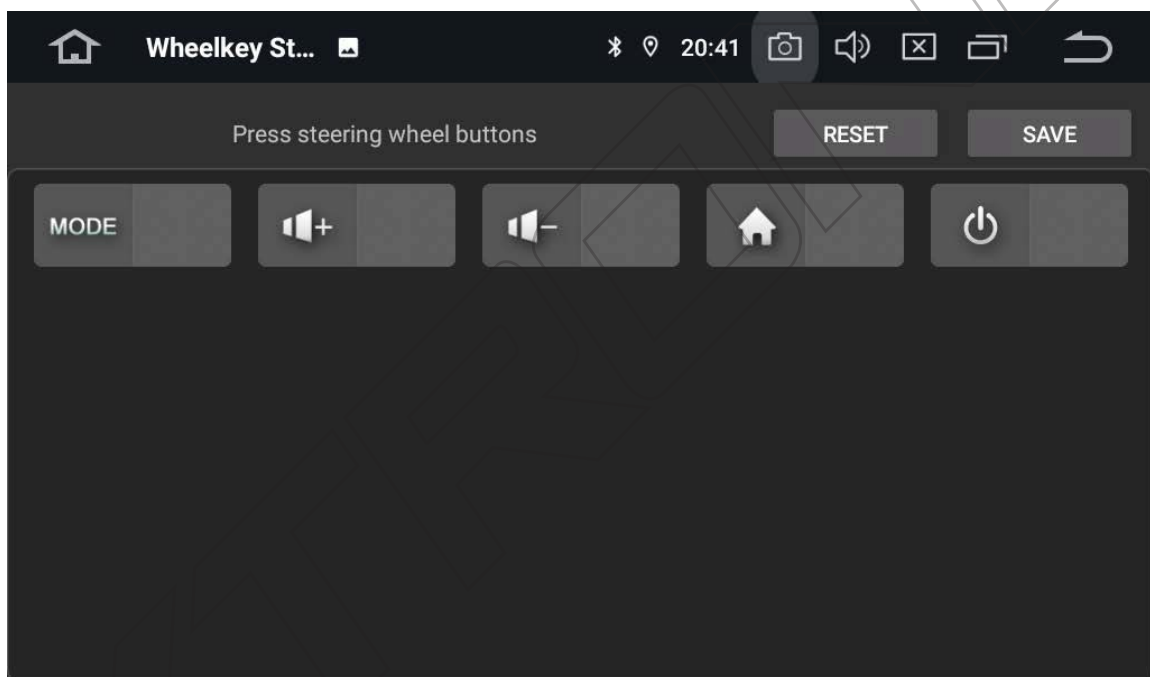
The 2 settings above can work simultaneously or independently.



# Functions

## Steering Wheel Control

To use the steering wheel remote control feature, you need to perform the steering wheel control settings on the XTRONS unit. Sometimes a special adapter (not included) is required to match it to your car (Contact XTRONS Customer Service for details).



### ● Setup Steps

From the Home screen, tap the Wheelkey Study icon or go to Settings --> Car --> Steering wheel keys.

**RESET** Clear all the settings before starting a new setting.

# Functions

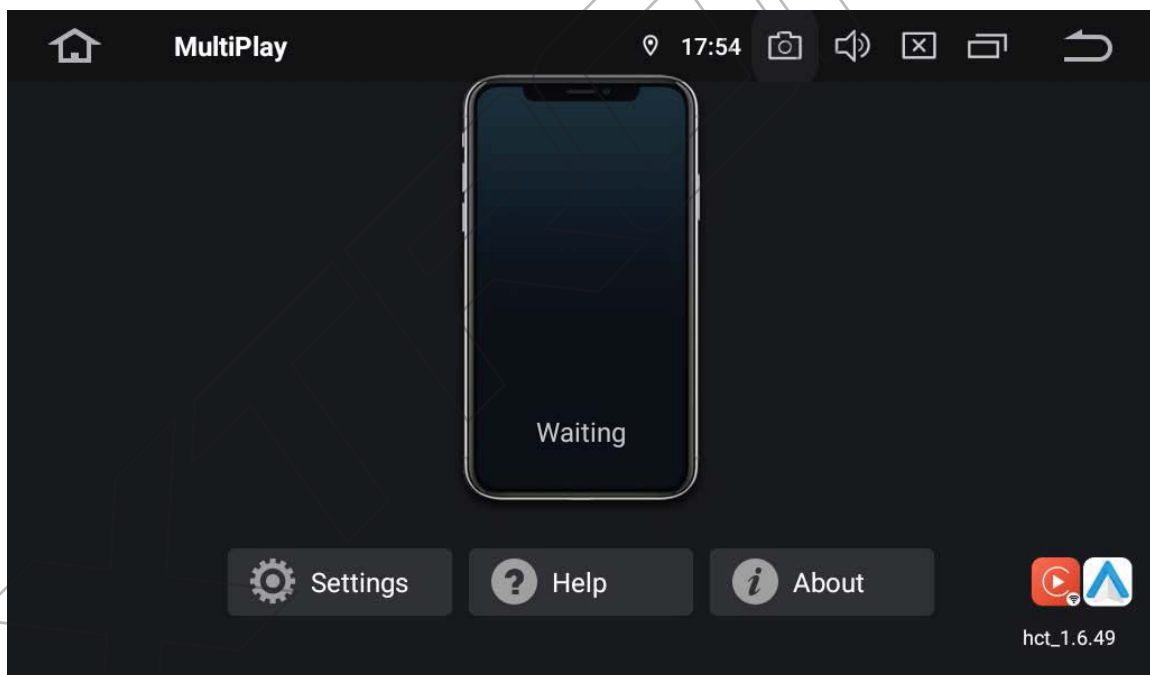
## Phone Link

### ● iPhone

Mirror your iPhone to the XTRONS screen by Car Auto Play to access the maps and other apps on your phone.

### ● Android SmartPhone

Mirror your Android smartphone to the XTRONS screen by Car Auto Play to access the maps and other apps on your phone.

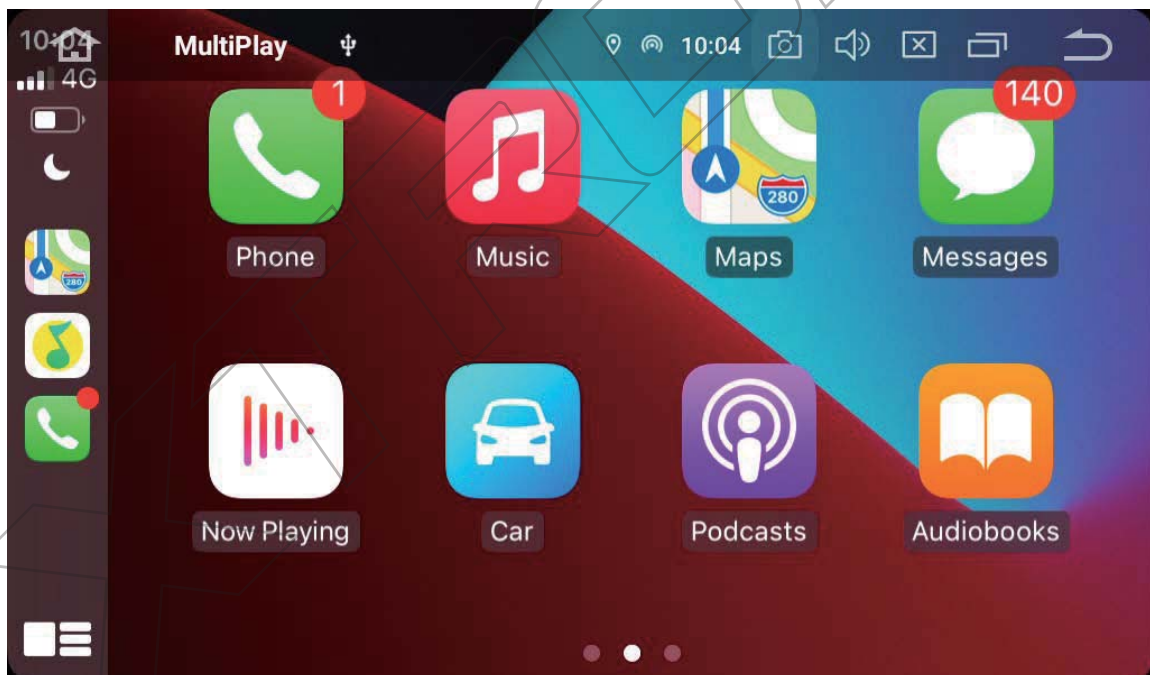


# Functions

## ● For iPhone

To use wireless CarPlay, please follow below steps:

1. Go to Settings > Bluetooth, and then turn Bluetooth on.
2. Select the head unit's Bluetooth name from the list. Enter the password 0000 when prompted. When the iPhone is connected to the CarPlay of the current car for the first time, a dialog box will pop up, click Use CarPlay.
3. After successfully connecting Bluetooth, wait for about 4 to 5 seconds for Car Auto Play to load.
4. After successfully loading, Car Auto Play will show as below:



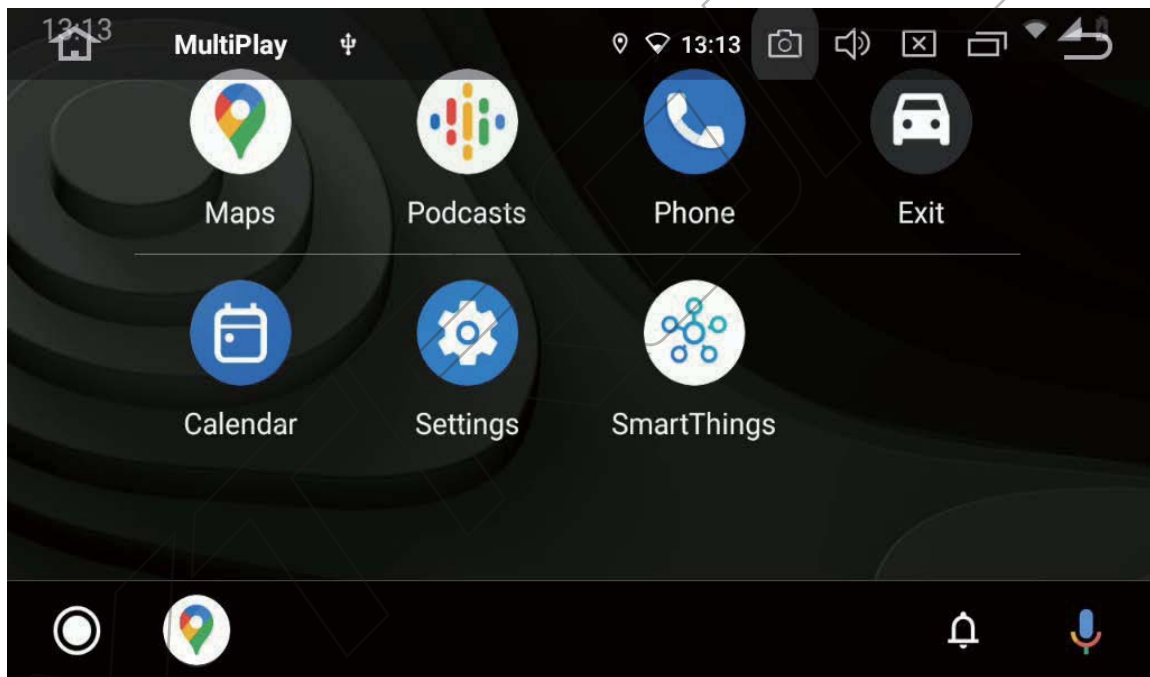
**Note:** To use wireless CarPlay, your iPhone must have iOS 12.0 or above.

# Functions

## ● For Android SmartPhone

To use wired Android Auto, please follow below steps:

1. Install the “Android Auto” APP to Android Smartphone.
2. Open Car Auto Play, connect your Android smartphone to this unit via a USB cable then Car Auto Play will automatically load.
3. After successfully loading, Car Auto Play will show as below:



**Note:** To use wired Android Auto, your Android smartphone must be able to install Google services, Google APPS and Android Auto application.

## Connect to Other External Devices

### ● Audio/Video input (only compatible with CBVS signal)



Input:

- Connect an external device to the AV-IN input terminal.
- Select AV-IN as the source.
- Turn on the connected device and start playing the media.

### ● OBD02(Dongle is optional)

OBD-II (On-Board Diagnostic): With the OBD2 function, you can retrieve real-time information and error codes from your vehicle's computer.

OBD2 dongle connection guide:

- Plug the OBD dongle to your vehicle's OBD port.
- Tap  to search the OBDII in Bluetooth mode of the XTRONS unit and do the Bluetooth pairing.
- Tap the OBD app "Torque" icon in the main menu.
- Tap  --> Settings --> OBD2 Adapter Settings, select the connection type to connect the dongle (Bluetooth, Wi-Fi, USB), select the OBD2 device.

# Functions



## Note:

- OBD2 dongle is optional and sold separately.
- No password is needed to connect the OBD2 dongle.
- Connect the OBD2 dongle by Bluetooth, USB or Wi-Fi (depends on the OBD2 dongle).
- The OBD connector port's location varies in different makes and models of the vehicle and the engine type.
- Some OBD data may not be correctly read and shown due to different ECU systems in the vehicles.



# Functions

## ● **USB DAB (Dongle is optional)**

To listen to a DAB source, use the DAB app preinstalled on the unit when the DAB dongle is connected via USB. The DAB dongle is required and must be Android-compatible.

## ● **DVR (Dash Cam, optional)**

A DVR connected to this unit lets you record your journey and access the files from the unit. (For details, see the instruction manual of the DVR Dashboard Camera.)

## ● **TPMS (Tyre Pressure Monitoring System, optional)**

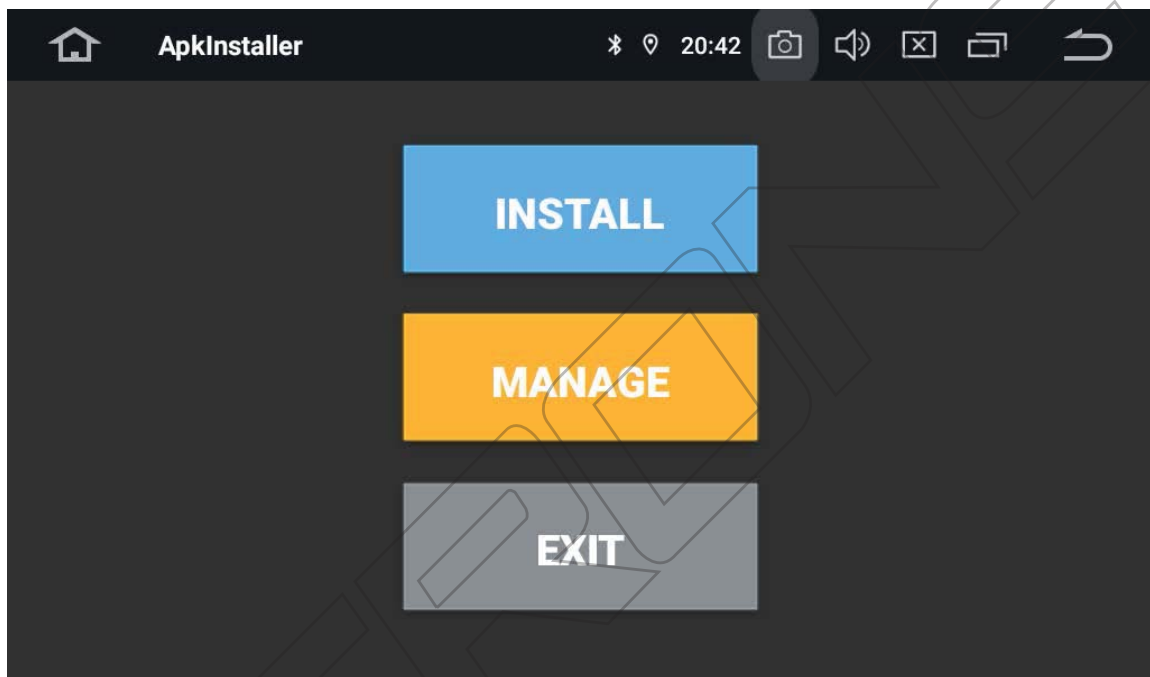
Use the TPMS app on the unit (pre-installed or installed by users) to view the TPMS information. Once you have correctly installed the TPMS, these sensors will automatically monitor tyre pressure and temperature, and transmit real-time statistics to the receiver.

**Note:** Only works with the Android-compatible TPMS system.

# Functions

## APK Manager

Tap the Apk Installer icon to open APK Manager interface:



- **Install**

Go to the APK manager and install the apps from the APK file.

- **Manage**

Save your apps as an APK file and download it to a USB drive or SD card. Plug the USB/SD with APK file to the unit, Find the APK file in APK manager, tap it, then hit Install.

- **Exit**

Exit Apk Installer.

# Settings

## 1. Network & internet

### 1.1 Wi-Fi

Turn Wi-Fi on or off.

Choose a network: Tap one of the listed networks and then enter the password if required.

### 1.2 Mobile network

### 1.3 Data saver

Turn Data saver on or off.

You can allow your preferred apps to use unrestricted data when data saver is on.

### 1.4 Hotspot & tethering

Turn Portable Wi-Fi hotspot, USB tethering on or off. Customise the Wi-Fi hotspot settings.

### 1.5 Airplane mode

Turn airplane mode on or off.

### 1.6 VPN

Tap the + button and provide the VPN's details. Tap the VPN to connect once you have set it up. You will be asked to enter a username and password.

### 1.7 Private DNS

Select the Private DNS mode from Off, Automatic or enter the hostname of a private DNS provider.

## 2. Connected devices

### **Bluetooth**

Change the Device Name or the PIN Number (Bluetooth pairing password) of the unit.

Turn Auto Connect/Auto Answer on or off.

Tap a device on the Paired devices or on the Available devices list to pair or unpair it.

## 3. Apps & notifications

### **3.1 App info**

Manage all the apps downloaded on the unit or on an SD memory card.

### **3.2 Notifications**

Add or change an alert style for notifications from apps.

### **3.3 Default apps**

View all the default apps.

### **3.4 Permission manager**

View and manage all app permissions. You will see a list of different categories of permissions along with the number of apps installed that have access to that permission.

### **3.5 Advanced**

View and manage special app access.

# Settings

## 4. Display

### 4.1 Wallpaper

Set an image or photo as wallpaper for the Home screen.

### 4.2 Font size

Drag the slider to adjust the font size.

### 4.3 Display size

Drag the slider to adjust the display size.

### 4.4 Audio Screen Timeout

Choose from never, 15 seconds, 30 seconds, 1 minute, 3 minutes and 5 minutes.

### 4.5 Brightness level

Drag the slider to adjust the screen brightness.

### 4.6 Night display

Drag the slider to adjust the display brightness in night mode.

### 4.7 Touch Assistive

Setup Touch Assistive.

You can use Touch Assistive to find and adjust certain settings on the unit like button size, button alpha and top menu.

## 5. Sound

### 5.1 Key tone

You can choose from Off, High, Middle, and Low.

# Settings

## 5.2 Volumes

Drag the slider to adjust the volume.

## 5.3 Ring volume

Drag the slider to adjust the ring volume.

## 5.4 Vibrate for calls

Turn Vibrate for calls mode on or off.

## 5.5 Do Not Disturb

Turn Do Not Disturb mode on or off. You can manage and set up the mode.

## 5.6 Shortcut to prevent ringing

Turn Shortcut to prevent ringing mode on or off. You can manage and set up the mode.

## 5.7 Phone ringtone

You can select your preferred ringtone as default or add new ringtone.

## 5.8 Default alarm sound

You can select your preferred alarm sound as default or add new alarm sound.

## 6. Storage

You can see how much storage space is available on the head unit's internal storage. You can tap FREE UP SPACE to delete photos, videos, and apps that you haven't used recently.

# Settings

## 7. Privacy

- Permission manager
- Autofill service from Google
- Google location history
- Activity controls
- Ads
- Usage & diagnostics

## 8. Location

- Recent location requests
- App Permission
- Wi-Fi and Bluetooth scanning
- Emergency location service
- Google location history
- Google location sharing

## 9. Security

- Google Play Protect
- Find My Device
- Security update
- Device admin apps
- Encryption & credentials
- Trust agents

# Settings

## 10. Accounts

Add a Google account or other accounts.  
Turn Automatically sync data on or off.

## 11. Accessibility

- Volume key shortcut
- Text-to-speech output
- Font size
- Display size
- Colour correction
- Colour inversion
- Remove animations
- High contrast text

## 12. Screenshot settings

- Select delay time to capture the screen
- Show the screenshot button in the status bar



## 13. Car

### 13.1 Element

This enables you to change the illumination colour of the buttons to your personal preference. You can choose from a wide variety of colours. Drag the colour bars of red, green and blue to create a favourite colour.

**Note:** Please note the multi-coloured button illumination feature is not supported on all models.

### 13.2 Steering wheel keys

This allows you to use the steering wheel control of your vehicle to control the unit.

To know more details, please refer to above "Steering Wheel Control" sections.

### 13.3 Amplifier

This enables you to open DSP settings menu.

To know more details, please refer to the above "DSP" sections.

### 13.4 Navigation

#### 13.4.1 Navigation application options

Choose the application you want to use for navigation.

#### 13.4.2 Navigation monitoring

Turn Navigation Monitoring on or off.

# Settings

## 13.4.3 Navigation Sounds

To set up navigation sound, the navigation monitoring needs to be turned on.

### 13.4.3.1 Navigation sound mode

Choose between Mixing and Switch.

### 13.4.3.2 Navigation mixing ratio

Set the navigation mixing ratio from -10 to 10 in Mixing sound.

### 13.4.3.3 Navigation sound in phone mode

Choose from 0, 20%, 40%, 60%, 80% and 100%.

## 13.4.4 Other

GPS monitor.

## 13.5 Driving settings

### 13.5.1 Watching video

On: Video images can be viewed while your vehicle is in motion.

Off: Video images cannot be viewed while your vehicle is in motion.

#### CAUTION

For safety reasons, video images cannot be viewed while your vehicle is in motion.

To view video images, stop in a safe place and apply the parking brake.

### 13.5.2 Notifications

Choose to block notifications in the status bar while driving or not.

# Settings

## 13.5.3 Network settings for app while driving

Choose App network mode while driving from Allow all, Block all, Smart and Customer.

## 13.6 Extra settings

### 13.6.1 Shutdown delay when ACC OFF

Choose from Auto sleep, 30 seconds, 5 minutes, 10 minutes, 30 minutes, and 1 hour.

### 13.6.2 Playing music

Turn this on to allow the unit to play music automatically when you plug in a USB storage device or insert an SD memory card.

### 13.6.3 Reversing X-mirror

A separately sold rear view camera is required to utilise the rear view camera function.

On: Reverses the rear view camera images.

Off: Does not reverse the rear view camera images.

### 13.6.4 Reversing volume

On: There is a warning alert sound while driving in reverse.

Off: There is no warning alert sound while driving in reverse.

### 13.6.5 Rear view ruler

On: Displays the parking assist guidelines.

Off: Hides the parking assist guidelines.

# Settings

## 13.6.6 Battery voltage display

On: Displays the battery voltage.

Off: Hides the battery voltage.

## 13.7 Factory settings

Enter the password 126 to go to Factory settings.

### 13.7.1 App

Change the options for Bluetooth, DVD, TPMS, Radio, DVR, and more.

### 13.7.2 Car logo

Select one of the preinstalled car manufacturer logos as your start up screen. You can also select images imported from a USB storage device or an SD memory card, and images stored in the head unit.

### 13.7.3 Radio

Select an area for the radio.

### 13.7.4 Voice

Adjust the volumes of DVD, System, AV Input, Radio, Bluetooth, and more.

### 13.7.5 CANBus

Change the options for the CANbus.

# Settings

## 13.7.6 Key study

- Button panel reset
- Panel key study
- Touch reset
- Touch key study

## 13.7.7 Screen

Adjust the AVDD, VCOM and more.

## 13.7.8 Other

Change the options for RDS, Front Camera, Panel LED control, and more.

## 14. Google

Manage services in Google settings.

## 15. System

### 15.1 Languages & input

#### 15.1.1 Languages

Set the language for the unit. Choose from English, French, German, Spanish, and many more. You can add a language and arrange preferred language order by dragging them.

# Settings

## 15.1.2 Virtual keyboard

The pre-installed keyboards are Gboard and Google voice typing. You can manage the installed keyboards.

## 15.1.3 Physical keyboard

Set up your external keyboard.

## 15.1.4 Advanced

- Spell checker
- Autofill service
- Personal dictionary
- Text-to-speech output

## 15.2 Date & time

- GPS automatic update time
- Use network-provided time
- Use network-provided time zone
- Use local default
- Use 24-hour format
- Choose date format

## 15.3 MCU updates

## 15.4 System updates

# Settings

## 15.5 Backup

Turn Back up to Google Drive on or off.

Backup includes:

- Apps and apps data
- Call history
- Contacts
- Device settings (including Wi-Fi passwords and permissions)
- SMS

## 15.6 Reset options

- Reset Wi-Fi, mobile & Bluetooth
- Reset app preferences
- Erase all data (factory reset)

## 16. About machine

# Troubleshooting

## **Q: The unit does not turn on.**

A: 1. Reset the unit and reconnect.

2. Check the connection with multimedia and test the ground (black), constant 12v (yellow), and accessory 12v (red) wires to see if you have the correct voltage in the correct wires, as well as a good ground.

3. Check if the fuse blows.

4. Check your vehicle wiring diagram and make sure everything is connected according to the diagram.

## **Q: Radio Auto searching does not stop.**

A: switch off AF & TA.

## **Q: Bluetooth pairing constantly connects and disconnects.**

A: 1. The Bluetooth reception is poor. Move the mobile phone closer to the unit.

2. Remove any obstacle between the mobile phone and the unit.

3. Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of the product.

4. For some mobile phones, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of the product.

## **Q: No sound**

A: Check whether the speaker wires are connected appropriately. The positive (+) terminal of the speaker should be connected to the positive terminal of any other component, including the battery. And connect the amplifier control wire(REM) from your car to the amplifier control wire(AMP wire) of the XTRONS unit.



# Troubleshooting

## **Q: GPS no signal/poor signal.**

A: Check if the GPS antenna is connected to the unit properly. We recommend mounting the GPS antenna either on the dash or along the rear deck. As long as it has a clear path to the sky and is not too close to A-pillars or a 2-way antenna.

You should consider mounting the antenna on the exterior of your vehicle if:

You have a wired rear defroster.

You have metallic window tint.

You have a solar reflective window.

You have a windshield-mounted radio antenna.

## **Q: Touch screen not responding**

A: 1. Remove the plastic touch screen protector sheet. Some protector sheets are too thick and prevent the touch screen from responding to your touch.

2. Calibrate the touch screen (contact XTRONS support for further information).

3. Reset the unit.

## **Q: Radio reception is poor**

A: 1. The car antenna is not extended. Please pull out the antenna all the way.

2. The antenna control wire is not connected or broken.

3. Check the radio region in the settings of your unit.

## **Q: How to change the language on the unit?**

A: Settings --> System --> Languages & input --> Languages.

## **Q: How to change the Date and Time?**

A: Settings --> System --> Data & time.

## **Q: How to change the display wallpaper?**

A: Press and hold any blank area of the lower screen area, the unit will turn to the wallpaper setting menu.

# Troubleshooting

**Q: Reversing camera image is reversed.**

A: Check the settings and change the “mirrored” setting: Settings --> Car --> Extra Settings --> Reversing X-mirror.

**Q: Reversing Camera Has No Video Signal.**

A: 1. Check the connections to ensure everything is connected (reversing camera control wire from the XTRONS unit, the control wire from the camera and the RCA cables).

2. Faulty Camera.

**Q: Poor image quality of reversing cameras (Fuzzy, flashing, grainy, black and white static, etc).**

A: 1. Check if there is dirt on the camera.

2. Add a Power Filter Rec

3. Use a camera which supports the video system of your car or use a converter.

**Q: OBD fails to connect to ECU.**

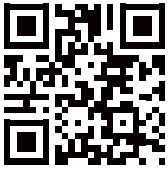
A: 1. Remove the OBD02 and plug it in again, make sure it is connected well, otherwise it will fail to read if not fully seated in the port.

2. Reset the unit, clear all the phone connections in Bluetooth.

3. If possible, please try the OBD02 in a different car and see if it works.

4. Disconnect the OBD2 dongle from your phone before you connect it to the unit.

For more information, please visit our websites



[www.xtrons.com](http://www.xtrons.com)

For installation and technical advice, please visit

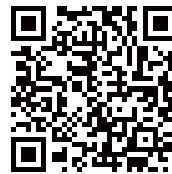


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