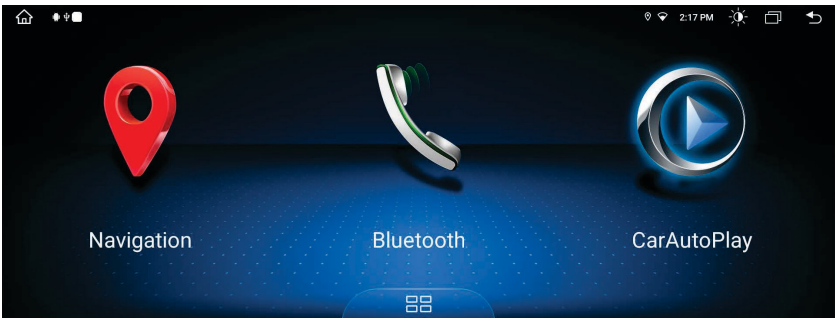
XTRONS



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 a risk of electric shock, or other safety implications, always seek advice from a qualified person.

⚠ Use only in vehicles with a 12 V negative ground.

⚠ Incorrectly wiring the ignition (red), and battery (yellow) to the chassis (ground), could cause a short circuit, and potentially an electric fire.

⚠ For safety please insulate any loose wires with electrical tape.

⚠ Using the head unit for long periods with the engine off can drain the battery.

⚠ For driving safety, you should not operate the unit, or look at the screen for extended periods whilst driving.

⚠ Frequent exposure to loud music can cause hearing problems and hearing loss over time. Loud music may also obscure other important sounds such as emergency vehicle sirens.

⚠ 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. Should this happen, please turn the car ignition off to avoid short circuits or fire and consult your mechanic or XTRONS customer support.

XTRONS

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 fir . 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 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 judgment. 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 withcurrent 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 15 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. Close supervision of children is always necessary.

⚠ For safety, please turn off the unit when close to inflammable gas or strong magnetic fields. E.g at petrol stations

⚠ 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 installed in your vehicle, please contact the professional car electrician or dealer you purchased this unit from before installation.

⚠ IN NO EVENT SHALL XTRONS BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR OTHER DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS, OR 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 the driving conditions.

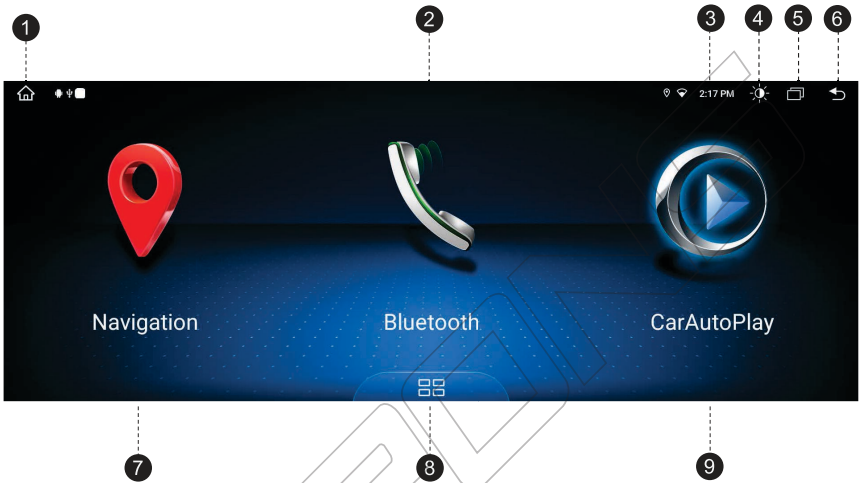
XTRONS' navigation system can be used when the ignition key is turned to ON or ACC.

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

XTRONS

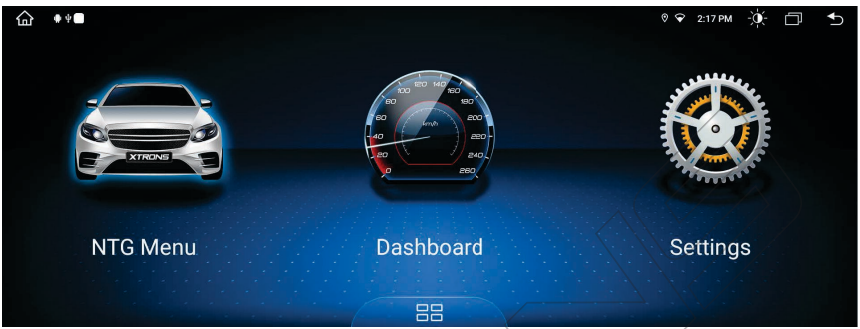
Basic Operations

Home Screen



1. Home
2. Bluetooth
3. Time
4. Brightness
5. Recent Apps
6. Back
7. Navigate
8. More Apps
9. CarAutoPlay
10. Music
11. File Manager
12. Browser

Basic Operations



13. NTG Menu

14. Dashboard

15. Settings

- **1. Wallpaper Setting**

  Long press on the blank space on the home screen to activate wallpaper changing.

  You can choose wallpaper from launcher, gallery, live wallpaper picker and wallpapers.

- **2. Customise the unit**

  Arrange apps

  Touch and hold any app on the Home screen, and then drag the app around.

  Drag an app to the edge of the screen to move it to a different Home screen.

  Swipe left or right to see other screens.

Basic Operations

Adjust the screen brightness

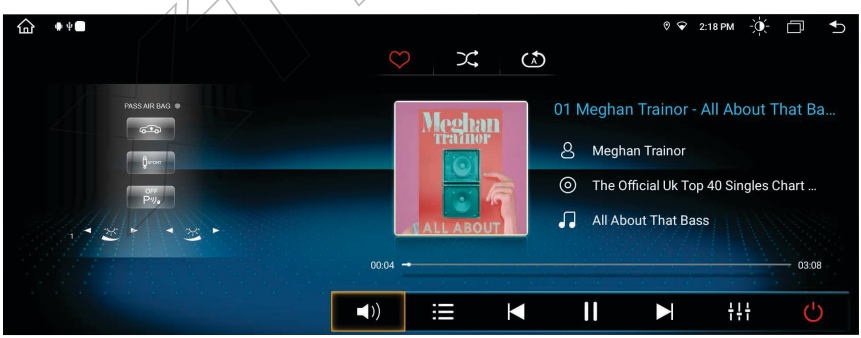
Go to settings > Car Infotainment > Display, and then drag the slider.

Customise Quick Settings

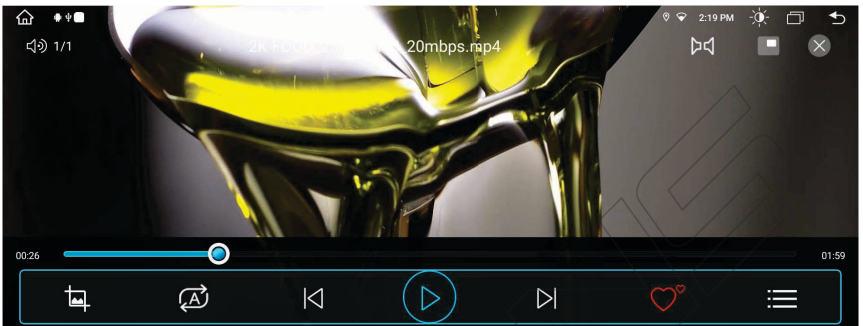
a. To completely expand Quick Settings, swipe down twice from top down.
b. First swipe will show a list of notifications along with top six tiles from Quick Settings.
c. When you swipe down again, the Quick Settings panel will expand completely.
d. Tap the pencil icon located on the bottom-right corner and simply drag and move the tiles that you want to rearrange.

USB

Plug in a USB storage device and then tap Music on the Home screen to play music, tap Video to play video files, or tap Gallery to view images and photos.



Functions



This unit supports Picture in Picture which lets you watch videos whilst multitasking.

* **The PIP supports the built-in Video Player only. You can click the button on the screen to turn on PIP when playing a video.**

AV Input

You can display the video image output of the device connected to this unit through the AV input cable.

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.

Bluetooth

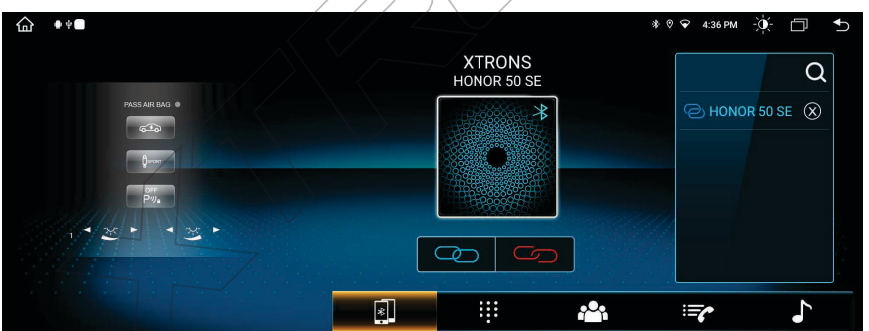
Connect your mobile phone to this unit via Bluetooth and use an external microphone to make and receive hands-free calls.

a. The Bluetooth device must be within 1 metre of this unit. Turn on Bluetooth on the device.
b. You will find your head unit in the devices list of your Bluetooth device
c. If your Bluetooth device supports SSP (Secure Simple Pairing), a four-digit number password will be required. The default password is 0000.

CAUTION:
For your safety, avoid talking on the phone as much as possible while driving.
Connection (Bluetooth pairing)

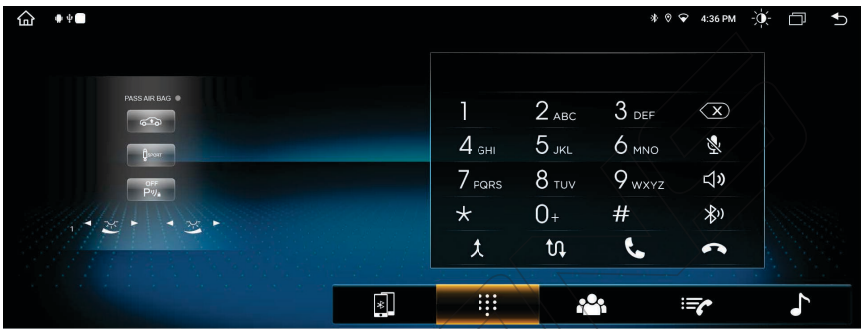
Connection (Bluetooth pairing)

- **1. Bluetooth Pair**



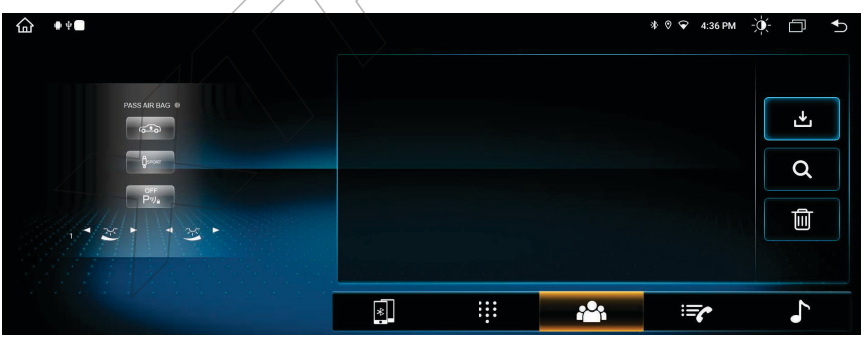
Tap to search for available devices, then tap a device on available devices list or on the the paired devices list. Tap to pair the device, tap to unpair the device.

● 2. Bluetooth Dail



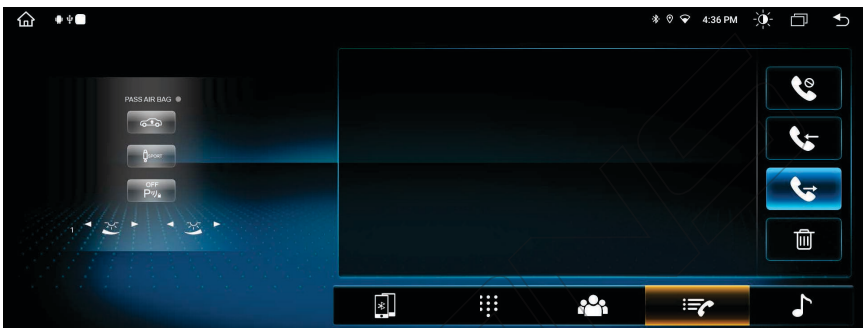
Enter the number to make a call. You can also choose a contact from the phone book to make a call.

● 3. Phone Book



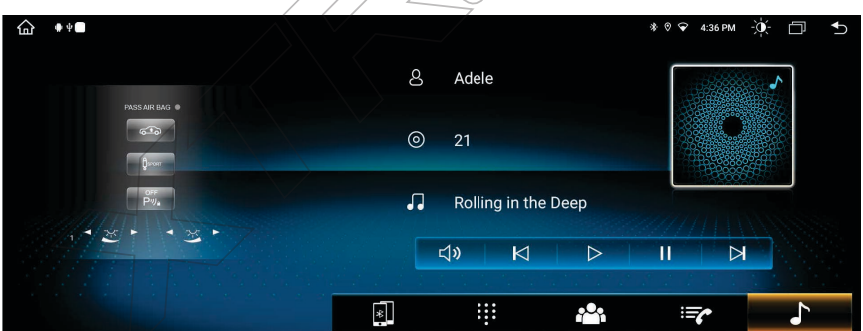
Tap to synchronize the contacts from your Bluetooth device.

- **4. Call History**



View recent outgoing calls, incoming calls or missed calls.

- **5. Bluetooth music**



After the Bluetooth connection is established, you can play music stored on your Bluetooth device on this unit.

* First, you need to play the audio on your Bluetooth device. You can then play the Bluetooth music through this unit.
* The unit may not support the Bluetooth music function as some mobile phones are not quite compatible with the unit.

CarAutoPlay

● 1. Wireless CarAutoPlay

To use wireless CarAutoPlay, please follow the steps below :

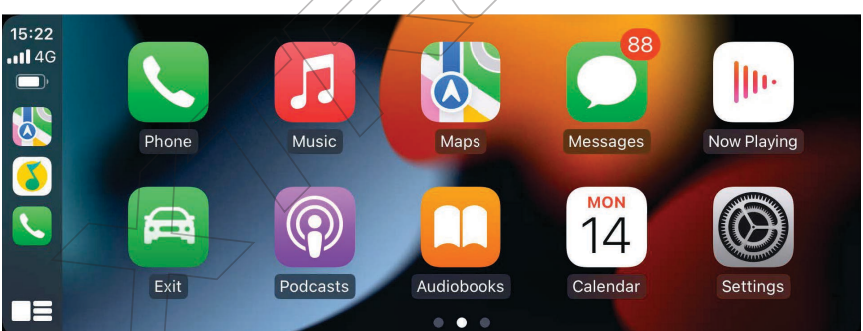
a. Run the CarAutoPlay app on the head unit.

b. Turn on Bluetooth and WiFi on your iPhone and Android head unit.

c. Pair the Bluetooth. Enter the password when prompted. When the iPhone is connected to CarAutoPlay of the current car for the first time, a dialog box will pop up, click *Use CarAutoPlay*.

d. After pairing, a WiFi connection will be set up automatically between your iPhone and the head unit.

e. Wait 3~5S for the CarAutoPlay to load. After successfully loading, CarAutoPlay will show as below.



*** We may update the app for CarAutoPlay, so the app on the car stereo you received may vary, but the main features are same.**

*** To use wireless CarAutoPlay, iPhone must have iOS 12.0 or above.**

Android Auto

● 1. Wireless Android Auto

To use wireless Android Auto, please follow the steps below:

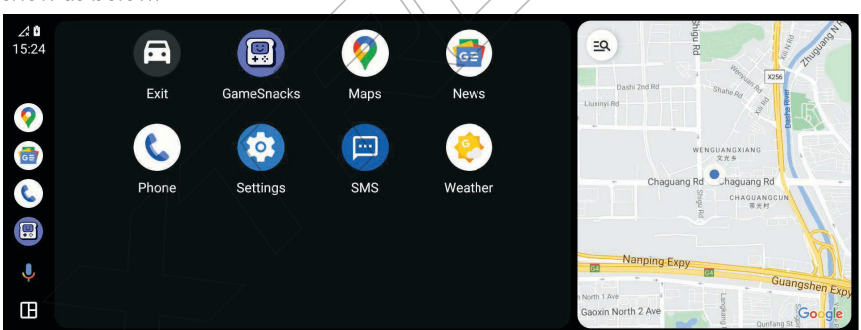
a. Run the CarAutoPlay app on the head unit.

b. Turn on Bluetooth and WiFi on your Android phone and Android head unit.

c. Pair the Bluetooth. Enter the password when prompted. When your phone is connected to Android Auto of the current car for the first time, a dialog box will pop up, click to use.

d. After pairing, a WiFi connection will be setup automatically between your phone and the head unit.

e. Wait 3~5S for the Android Auto to load. When it is done, Android Auto will show as below.



● 2. Wired Android Auto

To use wired Android Auto, please follow the steps below:

a. Run the CarAutoPlay app on the head unit.

b. Plug your Android Smartphone's USB cable into this unit's USB cable.

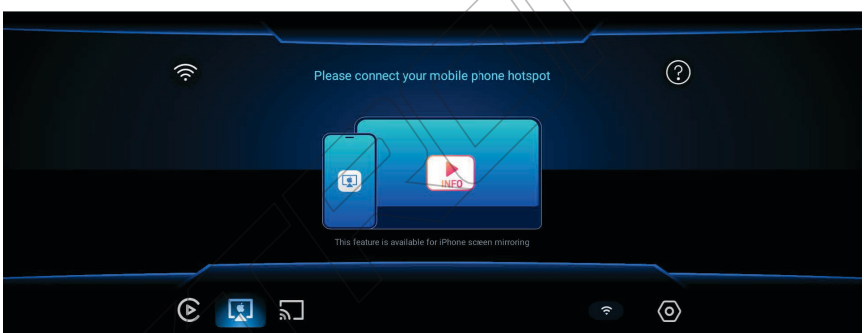
c. Wait 3~5S for the Android Auto to load. After successfully loading, Android Auto home screen will show as above.

Functions

* We may update the app for Android Auto, so the app on the car stereo you received may vary, but the main features are same.
* To use Android Auto, your Android smartphone must be able to install Google service, Google APPS and Android Auto application.

Screen Mirroring

Run the CarAutoPlay app on the head unit, tap or to enter screen mirroring mode.



● **1. For your iOS device:**

To use wireless screen mirroring, please follow the steps below :

a. Go to iOS device Settings > Personal Hotspot, and then turn Personal Hotspot on.
b. Connect the head unit to the mobile' hotspot.
c. Select "Screen Mirroring" in the phone control center and select the name of the head unit in the list.
d. After the screen projection is successful, it is recommended to use an application that supports landscape display, such as playing a video.

Note: On iPhone 8 and other later iPhone models, both music and photos can be streamed wirelessly to this unit.

- **2.For your Android device:**

Before using android Cast screen projection, please scan the code in the using help to install the screen casting APP. Then please follow the steps below :

a. Open the moblile phone's screen projection APP.

b. Open the mobile phone's Bluetooth and connect to the head unit.

c. Open the mobile phone's hotspot and connect the head unit to the mobile phone's hotspot.

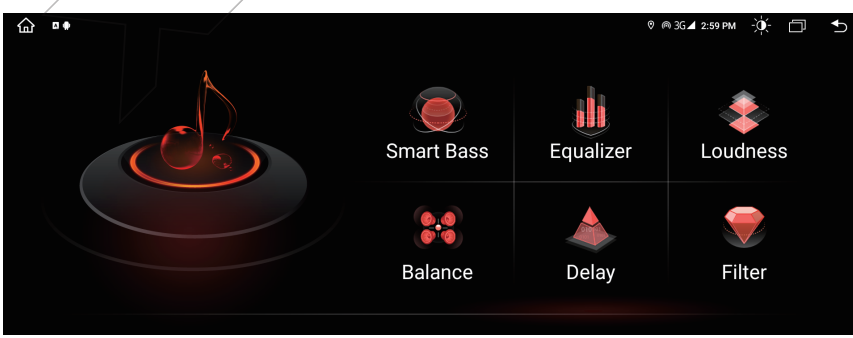
d. Start casting the screen. A dialog box will pop up, click *Start Now.*

e. After the screen projection is successful, it is recommended to use an application that supports landscape display, such as playing a video.

Note: Please note this function is only applicable for Android devices equipped with wireless mirroring function, and it only supports Android versions above 6.0. Audio streaming requires a Bluetooth connection.

DSP

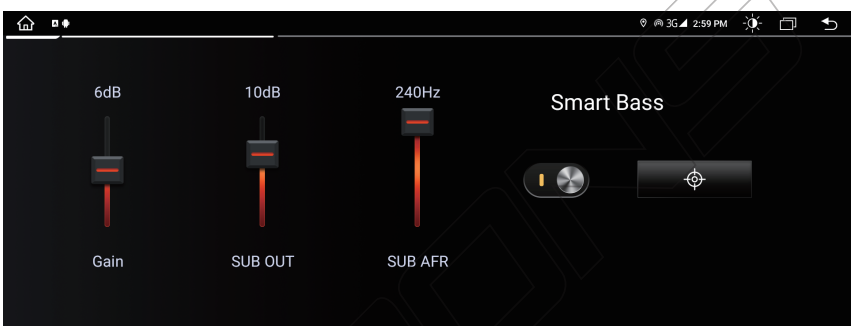
Designed exclusively to enhance your audio experience on multiple levels and to satiate the music lover in you, this is the perfect unit to enhance your listening experience. The built-in DSP has a graphic equaliser, different sound position choices and sound field time delay adjustment etc. to meet all your needs.



Functions

*The interface of the DSP app may be updated, but the main features are same. Please refer to the actual product received.

● 1. Smart Bass



The Smart Bass setting can improve the sound output and bring the best sound out of your car stereo system.

Gain: You can adjust the bass gain level on the Gain Slider.
SUB OUT: Dynamic Bass EQ works to boost those low frequency levels, you will enjoy full, rich, dynamic bass content. Slide the control on the bar to determine the boost amount.
SUB AFR: Reduce the amount of a set of low frequencies to get rid of unnecessary low-end rumble, making the sound more clear and transparent, and increasing the height of the sound field. Slide the control on the bar to choose the frequency point that suits you.

Turn on/off the Smart Bass settings.

Reset the settings.

● 2. Equalizer

30-Band Equalizer with Frequency from 32Hz to 20KHz. There are five factory preset settings for the EQ that include: Flat, Pop, Rock, Jazz, Classic and a User setting.

Tap to switch the EQ setting menu, each page can show up to 10-band equaliser.

User The EQ settings will be stored under User menu.

● 3. Loudness

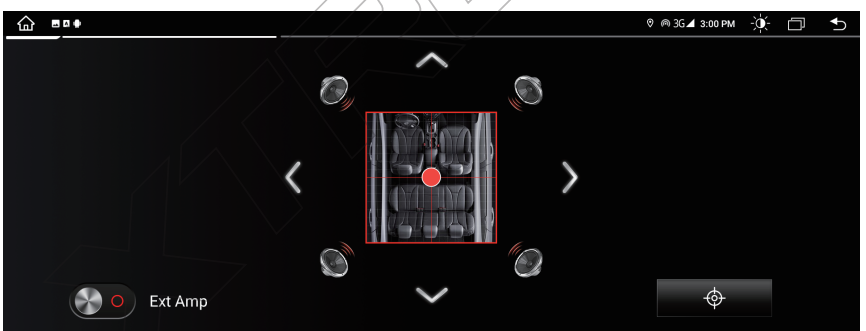
Set the level of boost of low and high tones.

Low frequency: If low frequency is set to 600Hz, the loudness will be adjusted under the 600Hz range.
Gain: Gain determines the level of boost or cut your set with EQ. It is measured in dB. Positive gain values indicate a boost, while negative ones cut.
High frequency: If high frequency is set to 2000Hz, the loudness will be adjusted above the 2000Hz range.

Turn on/off the Loudness settings.

Reset the settings.

- **4. Balance**

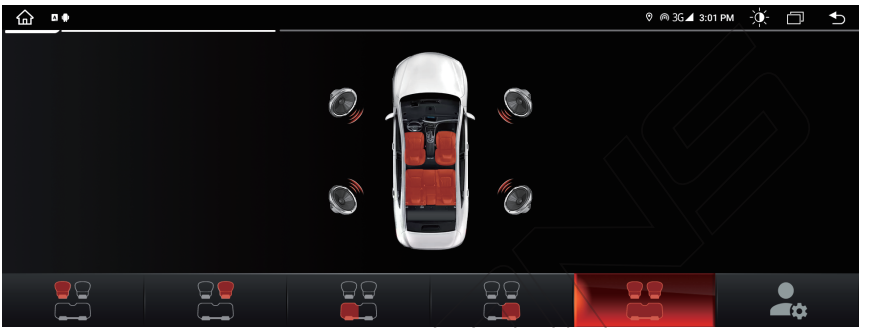


Adjust the volume balance around the area by dragging the orange dot.
Drag the orange dot to the centre, the output from the 4 speakers will be equal.

Turn on/off the Amp.

Reset the settings.

● 5. Delay



Adjust the sound delay time so the sound from different speakers can reach the listener's ears on the selected seat at the same time.
Touch to customise the positions (for driver, co-pilot, rear passengers, all passengers) on which the listening experience is best.

Manually set and save the delay time of each speaker.

● 6. Filter

Functions

HPF(High pass filer): A high pass filter effectively cuts out the frequency below a certain set point, allowing only the frequencies above this point to " pass" through as the audio signal.

LPF(Low pass filter): A low pass filter allows signals with a frequency lower than a selected cutoff frequency to pass though, and reduces signals with frequencies higher than the cutoff frequency.

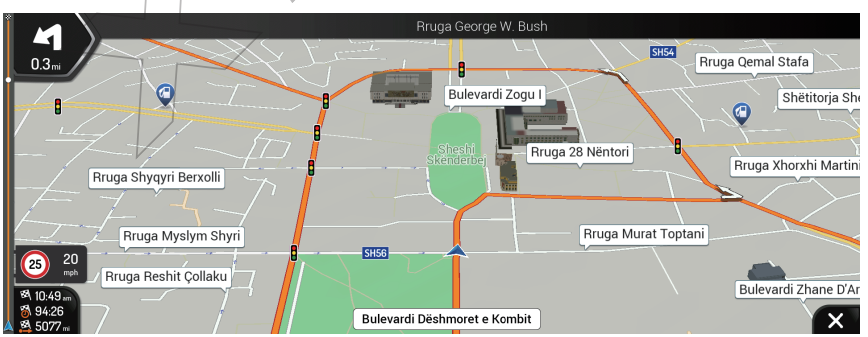
Fine-tune the cutoff frequency of a low-pass/high-pass filter.

Enable/Disable the option of HPF/LPF.

Navigation

Built-in navigation offers detailed, reliable route guidance information to help you get where you want to go.

You can actually download a range of GPS Navigation apps via Google Play and run them on the unit. You can download Sat Nav apps like TomTom, Navigon, Route66, Sygic, iGO, Google Maps and many more.



Connect to the Internet

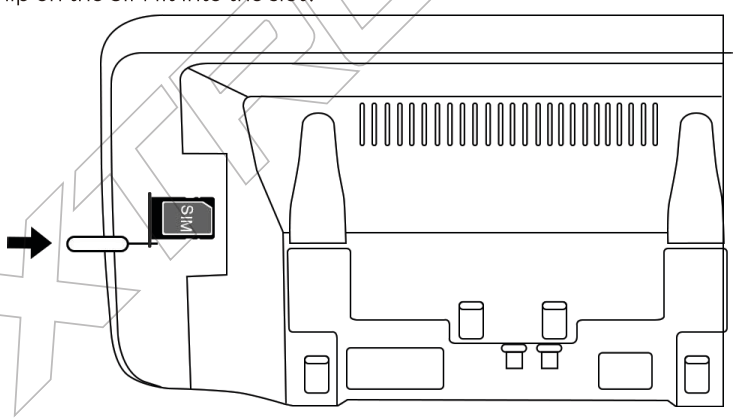
You can connect the unit to the Internet whenever necessary, using a Wi-Fi connection (if available) or 4G network.

To use Wi-Fi, go to Settings > Network & Internet > Turn on WiFi > Choose a WiFi network and then enter the password if required.

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

a. Turn the machine off.

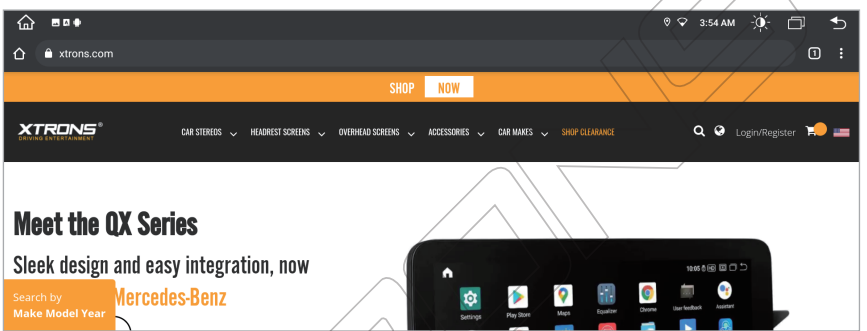
b. Find the SIM card slot, using a Pin tool to take out the 4G SIM card slot. insert the SIM card in the right direction. The position of the SIM card slot may differ due to different models. Below picture indicates how the notched corner and gold chip on the SIM fit into the slot:

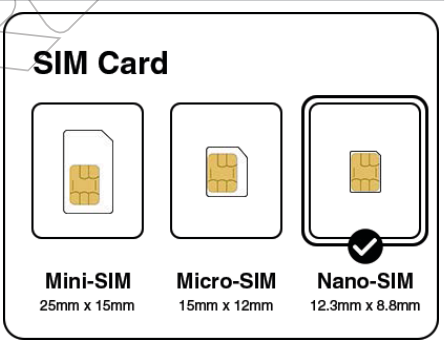


***The appearance may vary on different models of units, please refer to the actual product you received.**

Functions

c. 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 the unit accepts Nano-SIM card (12.3mm *8.8mm) ONLY.

* The 4G function supports most of the frequencies in South and North America, Asia, Europe, the Middle East, and Australia. The 4G frequency bands used in different countries are different, a few frequency bands may not be supported.

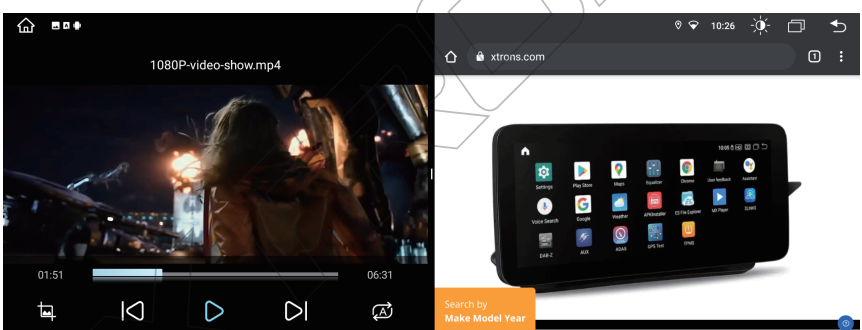
* Do not plug or unplug the SIM card while the machine is running as it may result in burning the SIM card or issues receiving the 4G signal.

Functions

* 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.

Split Screen

Split screen(view two apps side by side on the same 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 appear on the left side of the screen: "Drag here to use split screen" - and drag it there. After it snaps inplace, select second app to appear on the other side of the screen.



*** Not all apps support split screen.**

Extended Functions

- **1. OBD (Optional)**

The unit supports OBD2 (On-BoardDiagnostics) car diagnostics. With the OBD2 function available on this unit, you can retrieve real-time data and trouble codes from your vehicle computer. All the data of your vehicle is displayed to you. (The OBD2 car diagnostic scanner tool is sold separately).

Functions

- **2. DVR (Optional)**

You can control a car DVR camera (sold separately) from this unit and use it to record all the events of a journey.

- **3. TPMS (Optional)**

A tire-pressure monitoring system TPMS (sold separately) monitors the air pressure inside the pneumatic tires on vehicles with the sensors. By installing a TPMS, it can show you the tire pressure info displayed on the TPMS app on the head unit.

* Only works with the Android compatible TPMS system.

- **4. Backup Camera (Optional)**

A reversing camera (sold separately) provides live images whenever you are reversing the car, enabling you to alleviate the rear blind spot and avoid a backup collision.

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 Datausage

View the data usage for your apps.

1.4 Hotspot & tethering

Turn Wi-Fi hotspot on or off.

Set up Wi-Fi hotspot.

1.5 SIM cards

Manage the SIM cards and preferred SIM for Mobile data, Calls and SMS messages.

1.6 Mobile plan

1.7 Airplane mode

Turn airplane mode on or off.

1.8 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.

1.9 Private DNS

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

● 2. Car Infotainment

2.1 Common

2.1.1 Sleep mode
Turn sleep mode on or off.

2.1.2 Assistive Touch
Turn Assistive Touch on or off.

2.1.3 Reverse Volume Suppression
Choose from None, Weak, Medium, and Strong.

2.1.4 Boot Logo
Enter the password 5678. 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 from a SD memory card. You need to plug the USB storage device in with a USB cable or insert the SD memory card into the GPS card slot. Images should stay at the 800 x 480 pixels resolution. The image format should be BMP.

2.1.5 Reset All Settings
Reset settings and recorded contents to the factory settings.

2.2 Display

2.2.1 Daytime Backlight Set
Drag the slider to adjust the screen brightness in the daytime.

2.2.2 Nighttime Backlight Set
Drag the slider to adjust the screen brightness in the nighttime.

2.2.3 Auto Mode
Turn Auto Mode on or off.

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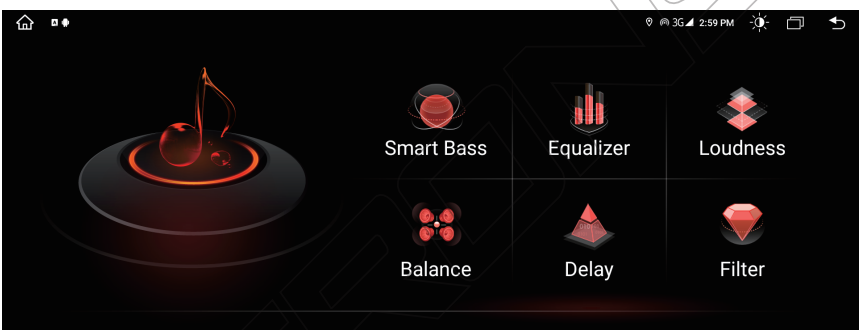
2.3 Volume

Drag the slider to adjust the volume in different modes.

2.4 Sound

Set up the Smart Bass, Equalizer, Loudness, Balance, Delay and Filter to enjoy the perfect listening experience.



2.5 Video

2.5.1 Disable Video in Motion

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

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

CAUTION:

For safety, videos cannot be viewed while your vehicle is in motion. To view videos please stop in a safe location and apply your parking brake.

2.5.2 Reversing Assistant Line

2.5.3 Reversing Warning Line

2.5.4 Air Conditioner

2.5.5 Front Cam

2.6 Navigation

2.6.1 File Path

You can customise an installed navigation app to match the "Navi" button on Home Screen. For example, if you choose "Google Maps" here, when you click the "Navi" button on Home Screen, the "Google Maps" app will be turned on by default.

2.7 Bluetooth

Turn Auto Connect/Auto Answer on or off.

2.8 SWC

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

2.9 About Device

XTRONS

- **3. Apps & Notifications**

3.1 Recently opened apps

You can see recently opened apps.

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 Special app access

View and manage some special app access.

- **4. Storage**

See how much storage space is available on the unit's internal storage. You can tap FREE UP SPACE to delete photos, videos, and apps that no long require.

- **5. Memory**

View the average memory usage. The default time-period is set to 3 hours. You can switch among 3, 6, 12 hours and 1 day to view the average usage.

Settings

- **6. Accounts**

Add users or accounts.
Turn Automatically sync data on or off.

- **7. Google**

Manage services in Google settings.

- **8. System**

8.1 Languages & input
8.1.1 Language
Set the language for the unit. You can add a language and arrange preferred language order by dragging them.

8.1.2 Virtual keyboard
The default keyboard is Android Keyboard(AOSP). You can manage the installed keyboards.

8.1.3 Physical keyboard
Set up your external keyboard.

8.1.4 Advanced
- Spell checker
- Autofill servic
- Personal dictionary
- Pointer speed
- Text-to-speech output

8.2 Date & time

- Use network-provided time
- Use network-provided time zone
- Use local default

8.3 About device

XTRONS

Troubleshooting

- **No Power**

1. The car engine has not been started. Start the car engine.
2. Incorrect wiring connection. Check the wiring.
3. The fuse has been damaged. Replace the fuse.
4. The CANBUS box has been damaged. Replace the CANBUS box.

- **No sound**

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

- **Bluetooth pairing constantly connects and disconnects**

1. The Bluetooth reception is poor - move the mobile phone closer to the unit.
2. Remove any potential obstacles between phone and stereo which could interfere with signal.
3. Some mobile phones may connect and disconnect constantly when you make or end calls - this does not indicate product malfunction.
4. Bluetooth may be deactivated automatically as a power saving feature on some phones - check your settings to see whether this is enabled.

- **GPS positioning is not possible**

1. GPS positioning is disabled if signals cannot be received from more than two GPS satellites.
2. In some driving conditions, signals from GPS satellites may not reach your vehicle. In this case, it is impossible for the system to use GPS positioning.
3. If a car phone or cellular phone is used near the GPS antenna, GPS reception may be lost temporarily.

Troubleshooting

- **Touch screen not responding**

1. Remove the touch screen protector sheet. Some screen protectors may be too thick and prevent the touch screen from responding correctly.
2. Calibrate the touch screen (contact XTRONS support for further information).
3. Reset the unit.

- **OBD fails to connect to ECU**

1. Remove the OBD and plug it in again, making sure that it is properly connected. If it is not properly connected, it will fail to operate properly.
2. Reset the unit and clear all phone connections in Bluetooth.
3. If possible, please try the OBD in a different car and see if it works.
4. Disconnect the OBD dongle from your phone before you connect it to the unit.

- **The screen is covered by a caution message and video cannot be displayed**

1. The parking brake is not applied or the lead is not connected properly. Please connect the lead and apply the parking brake.
2. The parking brake interlock is activated. Park your vehicle in a safe place and apply the parking brake.

- **Image flashes or distorts**

Video connection is incorrect.

- **A black screen is displayed and operation is not possible**

1. Sleep mode is on - touch the screen to wake it up.
2. The rear view camera image is displayed with no camera connection and the wrong camera polarity setting. Install the rear view camera and then change the camera polarity settings.

Appendix

- **When using this product**

1. Use this product where the ambient temperature is between -10°C and 50°C. Using this product in the conditions outside of its operating range might cause temporary or permanent damage to the system, and such damage may not be covered by the manufacturer's warranty. Store the product where the temperature is between -20°C and 80°C.
2. Do not connect a USB storage device via a USB hub.
3. Connecting a USB cable of total length longer than 5 metres may result in abnormal playback.
4. When this product cannot recognise the connected USB storage device, disconnect the device and replace it with another USB storage device.
5. Do not use any software which is not provided by XTRONS to update the system. If you require the system update, please consult your dealer.

- **Handling the screen**

1. When the screen is subjected to direct sunlight for long periods of time, it may result in damage. When not using this product please make sure to avoid exploding it to direct sunlight as much as possible.
2. Do not use the screen at temperatures higher or lower than the operating temperature range, because the screen may not operate normally and could be damaged.
3. The screen is exposed in order to increase its visibility within the vehicle. Please do not press strongly on it as this may damage it.
4. Do not push the screen with excessive force as this may scratch it.
5. Never touch the screen with anything besides your finger when operating the touch panel functions. The screen can scratch easily.

- **Maintaining the screen**

1. When cleaning the screen or removing dust, please turn off the product and wipe with a soft dry cloth.
2. When wiping the screen, do not use harsh or abrasive chemicals.

For more information, please visit our websites

www.xtrons.com

For installation and technical advice, please visit

bbs.xtrons.com

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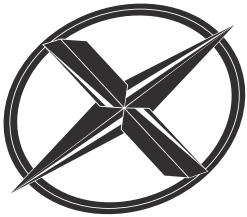

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