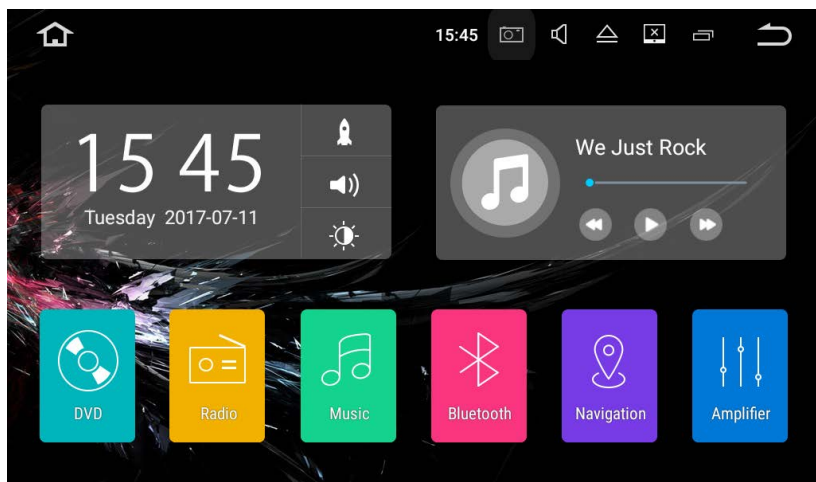# XTRONS



**Android 7.1**

**Nougat**

# USER MANUAL

Thank you for buying this XTRONS product. Please read through these instructions so you will know how to operate this unit properly. After you have finished reading the instructions, keep this document in a safe place for future reference.

# Contents

# Precaution

## Before installing this product

- Use this unit with a 12-volt battery and negative grounding only. Failure to do so may result in a fire or malfunction.

- To avoid shorts in the electrical system, be sure to disconnect the (-) battery cable before installation.

## Important safety information

### ⚠️ WARNING

- Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.

- Do not allow this product to come into contact with liquids. Electrical shock could result. Also, damage to the product, smoke and overheating could result from contact with liquids.

- If liquid or foreign matter should get inside this product, park your vehicle in a safe place, turn the ignition switch off (ACC OFF) immediately and consult your dealer. Do not use this product in this condition because doing so may result in a fire, electric shock, or other failure.

- If you notice smoke, a strange noise or odor from this product, or any other abnormal signs on the screen, turn off the power immediately and consult your dealer. Using this product in this condition may result in permanent damage to the system.

- Do not disassemble or modify this product, as there are high-voltage components inside which may cause an electric shock. Be sure to consult your dealer for internal inspection, adjustments or repairs.

**Before using this product, be sure to read and fully understand the following safety information:**

- Do not operate this product or any applications if doing so will divert your attention in any way from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations. If you experience difficulty in operating this product or reading the display, park your vehicle in a safe location and apply the parking brake before making the necessary adjustments.

- Never set the volume of this product so high that you cannot hear outside traffic and emergency vehicles.

- To promote safety, certain functions are disabled unless the vehicle is stopped and/or the parking brake is applied.

- Keep this manual handy as a reference for operating procedures and safety information.

- Do not install this product where it may (i) obstruct the driver's vision, (ii) impair the performance of any of the vehicle's operating systems or safety features, including air bags or hazard lamp buttons or (iii) impair the driver's ability to safely operate the vehicle.

- Please remember to fasten your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries can be considerably more severe if your seat belt is not properly buckled.

- Never use headphones while driving.

## To ensure safe driving

### ⚠️ WARNING

**- LIGHT GREEN LEAD AT POWER CONNECTOR IS DESIGNED TO DETECT PARKED STATUS AND MUST BE CONNECTED TO THE POWER SUPPLY SIDE OF THE PARKING BRAKE SWITCH. IMPROPER CONNECTION OR USE OF THIS LEAD MAY VIOLATE APPLICABLE LAW AND MAY RESULT IN SERIOUS INJURY OR DAMAGE.**

**- Do not take any steps to tamper with or disable the parking brake interlock system which is in place for your protection. Tampering with or disabling the parking brake interlock system could result in serious injury or death.**

**- To avoid the risk of damage and injury and the potential violation of applicable laws, this product is not for use with a video image that is visible to the driver.**

- In some countries the viewing of video images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they be obeyed.
If you attempt to watch video images while driving, the warning **"Viewing of front seat video source while driving is strictly prohibited."** will appear on the screen. To watch video image on this display, stop the vehicle in a safe place and apply the parking brake. Please keep the brake pedal pushed down before releasing the parking brake.
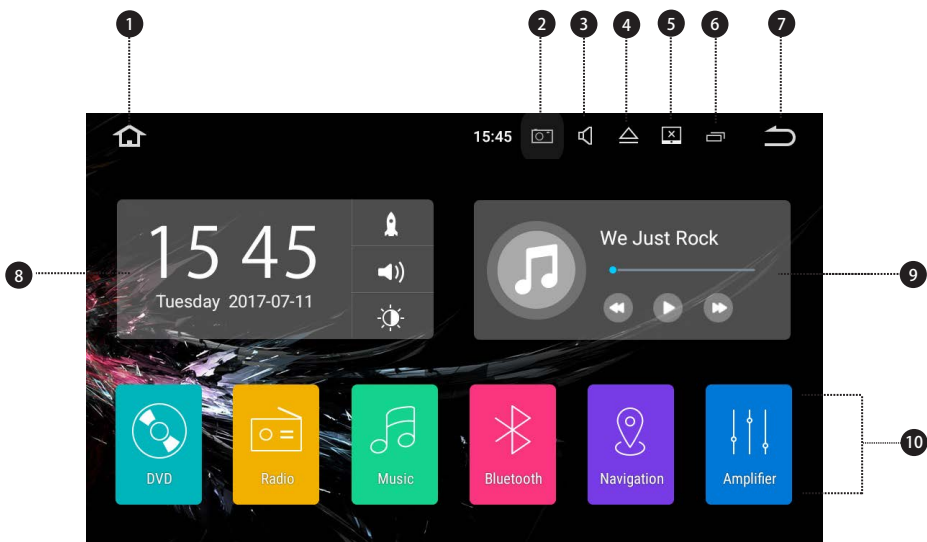
## To avoid battery exhaustion

Be sure to run the vehicle engine while using this product. Using this product without running the engine can drain the battery.

### ⚠️ WARNING

Do not install this product in a vehicle that does not have an ACC wire or circuitry

available.

# XTRONS

## Home Screen



1. Home
2. Screenshot
3. Volume
4. Eject a disc
5. Brightness
6. Recent apps
7. Back
8. Date and time
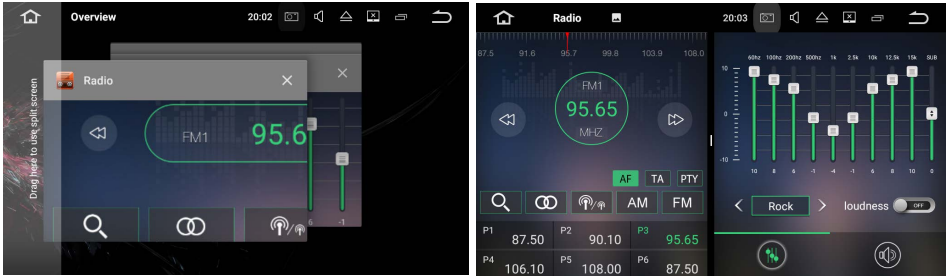9. Audio controls
10. Apps

### Use apps

Tap an app to open it.

### Split-screen mode

Tap ⬛ on the status bar. Touch and hold the desired app from the recent apps screen, and then drag and drop the app on to the grey area on the left edge of the screen. Tap the other desired app to enter split-screen mode.

To disable split screen mode, touch and hold the slider in the middle of the screen, and then swipe left or right.

※  **Please note a video player app and a music & audio app cannot be both displayed in split-screen mode. Not all apps are compatible with split-screen mode. Units with the 6.2 inch screens or the 6.95 inch screens are not compatible with split-screen mode.**



## Customize 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.

### Change the wallpaper
You can set an image or photo as wallpaper for the Home screen. You can choose from the preset Live Wallpapers (dynamic) and Wallpapers (stills), or choose from images or photos stored on a USB storage device or an SD memory card.

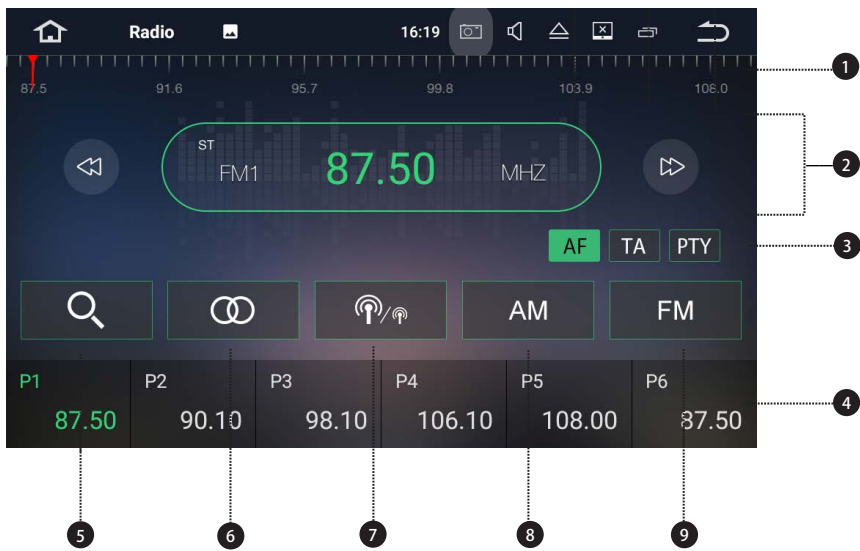Change the wallpaper. Go to Settings > Display > Wallpaper.

### Adjust the screen brightness
Go to settings > Display > Brightness level, or tap [×] on the status bar, and then drag the slider.

### Customize the Quick Settings bar
Swipe down from the top of any screen, tap ∨ , and then tap ✎ to customize the Quick Settings bar.

## Radio



1. Broadcast frequency slider
2. Perform manual tuning
3. AF (Alternative Frequencies)

   TA (Traffic Announcement)

   PTY (Program Type)
4. Preset channel list

Select a frequency you like and then touch and hold any of preset frequency keys to store it.

Up to 18 FM stations and 12 AM stations can be stored in memory.

5. Perform seek tuning or non-stop seek tuning
6. Mono/Stereo switch
7. Distant/Local seek tuning
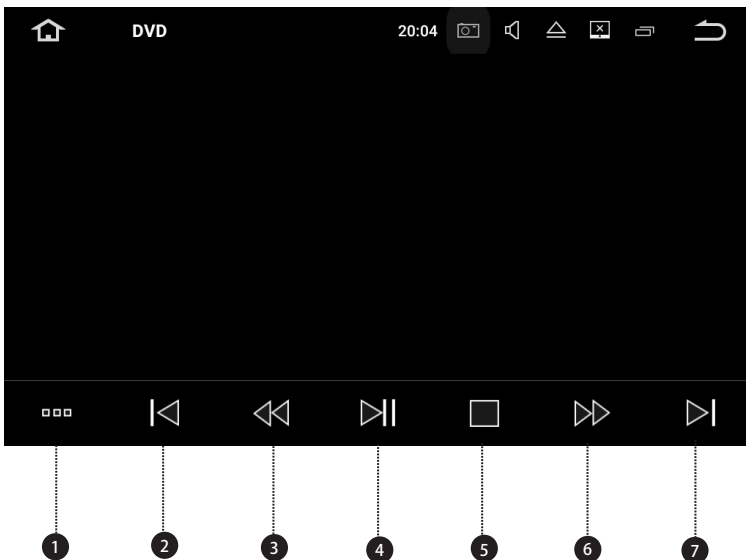8. AM band (AM1 or AM2)
9. FM band (FM1, FM2 or FM3)

# Play DVD

## DVD Player

### ⚠ CAUTION

**1. There are two screws on the top face of the unit to protect the disc drive in transit. The screws need to be removed first. Otherwise it cannot accept or play discs.**
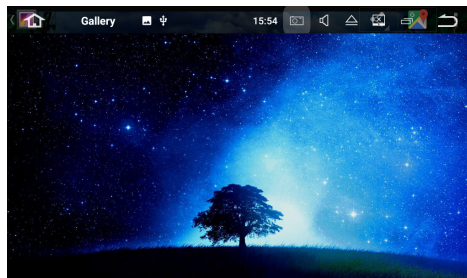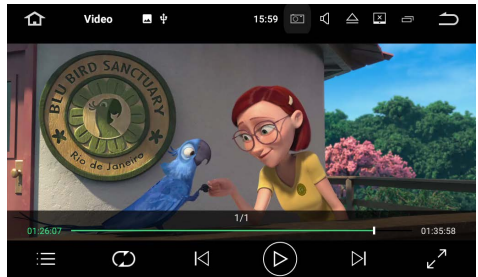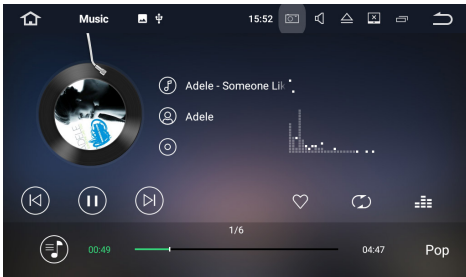


**2. For safety reasons, video images cannot be viewed while your vehicle is in motion. To view video images, stop in a safe place and apply the parking brake.**

1. File menu
2. Previous file
3. Rewind
4. Pause/Play
5. Stop
6. Fast forward
7. Next file

## USB/SD

Plug a USB storage device or insert an SD memory card 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.
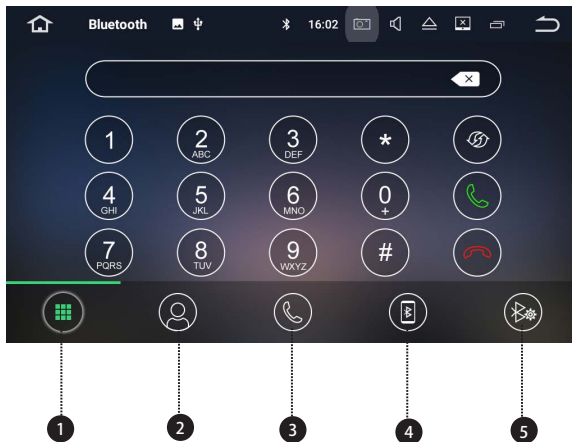
## AUX Input

You can display the video image output by the device connected to this unit.

## ⚠ 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



1. Keypad                    4. Devices list
2. Phone book                5. Bluetooth settings
3. Recent calls

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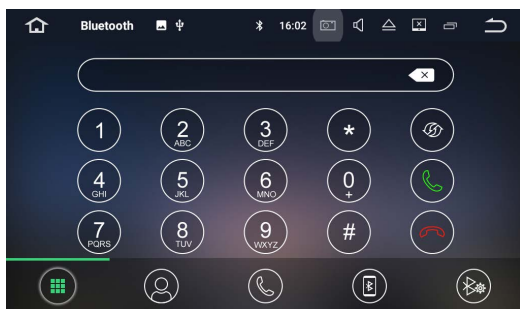
## ⚠ CAUTION

**For your safety, avoid talking on the phone as much as possible while driving.**

## ✱ Connect to a Bluetooth device
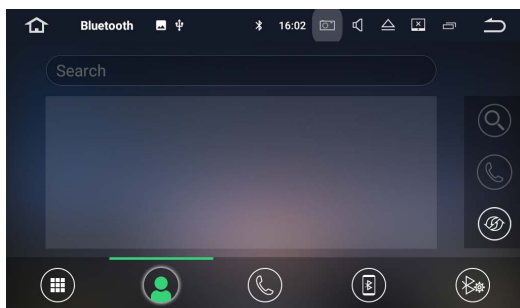
### Connection (Bluetooth pairing)

a. The Bluetooth device must be within 1 meter of this unit. Turn on Bluetooth on the device.

b. You can find this 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.
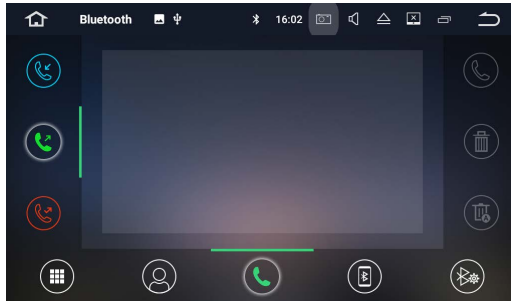
### 1. Phone calls



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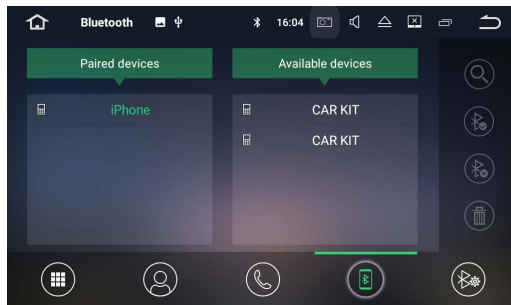
### 2. Phone book



Tap  to synchronize the contacts from your Bluetooth device.
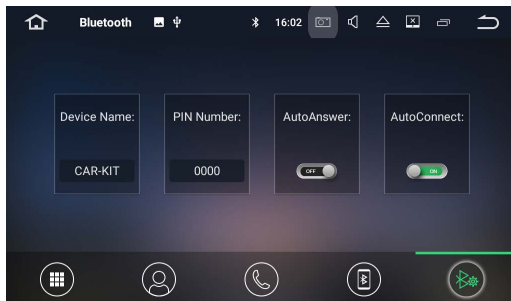
## 3. Recent calls



View recent outgoing calls, incoming calls or missed calls.
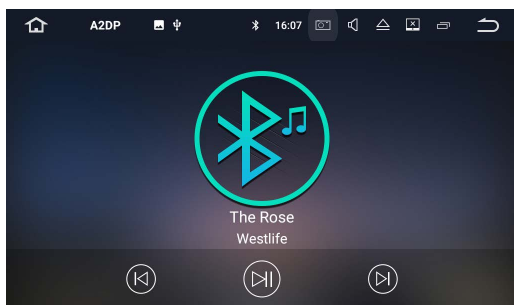
## 4. Devices list



Tap a device on the Paired devices or on the Available devices list, and then tap to pair the device. Tap to unpair the device.

## 5. Bluetooth settings

① You can change the Device Name of this unit. Tap CAR-KIT 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 Done to set a new password.

③ You can turn AutoAnswer/AutoConnect on or off.

## Bluetooth Music



After the Bluetooth connection is established, tap A2DP on the Home screen, and then you can play music stored in your Bluetooth device on this unit.

※ **At first, you need to operate the music playback on your Bluetooth device. Then you can operate the Bluetooth music on the unit.**

※ **Please note that the unit may not support the Bluetooth music function whilst some mobile phones are not quite compatible with the unit.**

## Screen Mirroring

Tap Easy Connected on the apps menu screen to enter screen mirroring mode. When you connect a mobile phone with compatible applications installed, you can control the applications for the mobile phone directly from this unit.

**For Android smart phone:**

1. Connect via a USB cable

a. Go to Settings > About Device, and then tap Build number 7 times to enable Developer options. Turn on USB debugging. A message *Allow USB debugging?* will pop up. Turn on the Always allow from this computer option, and then tap OK.

b. Connect your Android smart phone to this unit via a USB cable.

2. Connect via Wi-Fi

a. Go to Settings > Wireless & networks > More > Tethering & portable hotspot, and then turn Portable Wi-Fi hotspot on or tap Set up Wi-Fi hotspot.

b. Tap Android WiFi and then select your Android device name from the hotspot list. Enter the password when prompted.

※ **Please note this function is only applicable for the smart phones equipped with wireless mirroring function, and it only supports Android versions above 4.0. Audio streaming requires a Bluetooth connection.**

**For iPhone:**

a. Go to Settings > Personal Hotspot, and then turn Personal Hotspot on.

b. Tap iPhone WiFi, and then select your iPhone name from the hotspot list. Enter the password when prompted.

c. Tap AirPlay in the Control Center on your iPhone. Select EC-Mirror and turn Mirroring on.

※ **On iPhone 4/4s, only photos can be streamed wireless to this unit. On iPhone 5 and other later iPhone models, both music and photos can be streamed wireless to this unit. Video streaming requires the appropriate Apple cable or adapter.**
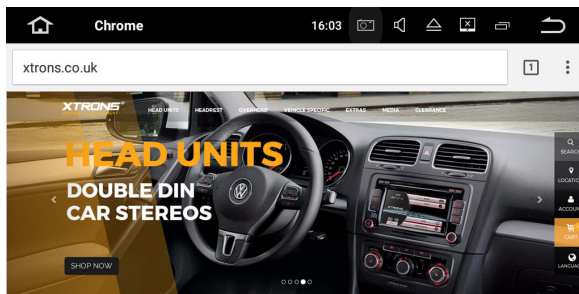
## Navigation



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, Route 66, 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 3G network (the 3G dongle is sold separately). You can browse the web, download apps via Google Play, play online games, etc. The possibilities are endless with the Internet in your car.

## OBD2 (Optional)

The unit supports OBD2 (On-Board Diagnostics) 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 Bluetooth car diagnostic scanner tool is sold separately).



## DVR (Optional)

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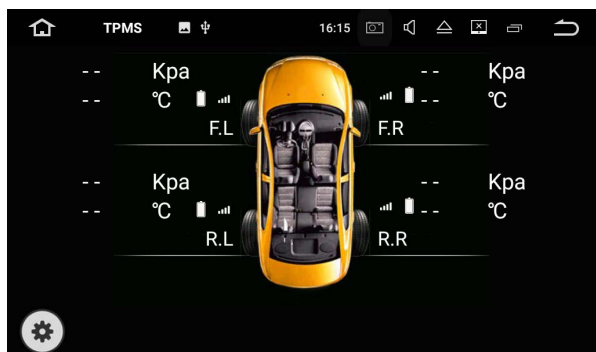all the events of a journey.

## DAB+ (Optional)

With use of a DAB dongle (sold separately), DAB+ (Digital audio broadcasting) tuner lets you enjoy the convenience of digital radio, while Auto DAB+ Tuning makes sure there are less signal interruptions. DAB+ digital radio brings you high-detail, digital-quality sound with lots of stations, program information and more.

The DAB antenna (sold separately) needs to be positioned on the windscreen of your vehicle. Tap DAB+ on the apps menu screen, and then tap [🔍] to search all available services automatically.
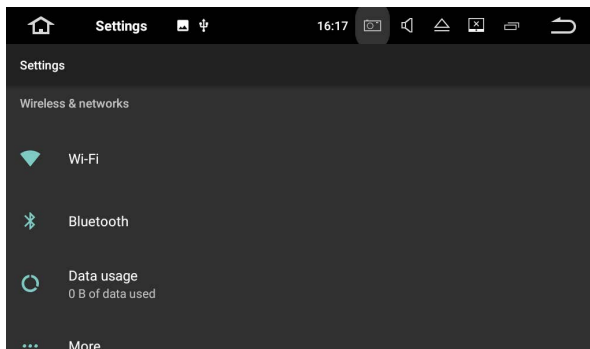


## TPMS (Optional)

Tire Pressure Monitoring System (TPMS) increases driving safety and provides a better understanding of your vehicle's tire conditions. Once you have correctly installed the TPMS (sold separately), the sensors will automatically monitor the tire pressure and the temperature, and transmit real-time statistics to the receiver.

## 2. Device

### 2.1 Display

#### 2.1.1 Brightness level
Drag the slider to adjust the screen brightness.

#### 2.1.2 Night display
Drag the slider to adjust the display brightness in night mode.

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

#### 2.1.4 Font size
Drag the slider to adjust the font size.

#### 2.1.5 Display size
Drag the slider to display bigger or smaller text and icons.

#### 2.1.6 Touch Assistive
Turn Touch Assistive on or off.
You can use Touch Assistive to find and adjust certain settings on the unit like Volume, Brightness, Screenshot, and more.

### 2.2 Notifications
Add or change an alert style for notifications from apps.

## 2.3 Sound

- Key tone
- Volumes
- Do not disturb
- Default notification ringtone
- Default alarm ringtone

## 2.4 Element

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

※ **Please note the multi-colored button illumination feature is not supported on all models.**



## 2.5 Apps

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

## 2.6 Screenshot settings

- Select delay time to capture the screen
Choose from 15 seconds, 30 seconds, 1 minute, 2 minutes, 3 minutes, 4 minutes, and 5 minutes later.
- Set the location of screenshot storage
- Show the screenshot button on the status bar

## 2.7 Storage

## 2.8 Memory

## 2.9 Users



# 3. Personal

## 3.1 Location
Turn Location on or off.
Location mode: Choose from High accuracy, Battery saving, and Device only.

## 3.2 Security
- Device administrators
- Unknown sources
- Storage type
- Trusted credentials
- User credentials
- Install from SD card
- Clear credentials
- Screen pinning
- Apps with usage access

## 3.3 Accounts
Add a Google account or other accounts.

**3.4 Google**
- Location
- Security
- Set up nearby device
- Ads
- Google Cast
- Nearby
- Search

**3.5 Language & input**

**3.5.1 Language**
Set the language for the unit. You can add a language and arrange preferred language order by dragging them.

**3.5.2 Spell checker**
Turn Spell checker on or off.

**3.5.3 Personal dictionary**
Add words in the user dictionary.

**3.5.4 Virtual keyboard**

**3.5.5 Physical keyboard**

**3.5.6 Text-to-speech output**

**3.5.7 Pointer speed**
Drag the slider to adjust the pointer speed.

**3.6 Backup & reset**
- Back up my data
- Backup account
- Automatic restore
- Factory data reset

# 4. System

## 4.1 Date & time
- GPS automatic update time
- Automatic date & time
- Automatic time zone
- Set date
- Set time
- Select time zone
- Use 24-hour format

## 4.2 Accessibility
- Magnification gesture
- Font size
- Display size
- Click after pointer stops moving
- High contrast text
- Large mouse pointer
- Mono audio
- Accessibility shortcut
- Text-to-speech output
- Touch & hold delay
- Color inversion
- Color correction

# 5. Car

## 5.1 Navigation

### 5.1.1 Navigation application options
Choose the application you want to use for the navigation.

### 5.1.2 Navigation monitoring
Turn Navigation monitoring on or off.

### 5.1.3 Navigation sound mode

### 5.1.4 Navigation mixing ratio

### 5.1.5 Navigation sound in phone mode

### 5.1.6 GPS monitor

## 5.2 Driving settings

### 5.2.1 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.**

### 5.2.2 Notifications
On: Notifications are not allowed while your vehicle is in motion.
Off: Notifications are allowed while your vehicle is in motion.

### 5.2.3 Network settings for app while driving

### 5.3 Extra settings

### 5.3.1 Shutdown delay when ACC OFF
Choose from Auto sleep, 30 seconds, 5 minutes, 10 minutes, 30 minutes, and 1 hour.

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

### 5.3.3 Reversing X-mirror
A separately sold rear view camera is required for utilizing the rear view camera function.
On: Reverses the rear view camera images.
Off: Does not reverse the rear view camera images.

### 5.3.4 Reversing volume
On: There is warning alert sound while driving in reverse.
Off: There is no warning alert sound while driving in reverse.

### 5.3.5 Reversing trajectory display

### 5.3.6 Parking radar display

### 5.3.7 Rear view ruler

On: Displays the parking assist guidelines.
Off: Hides the parking assist guidelines.

### 5.4 Steering wheel keys

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

### 5.5 Amplifier

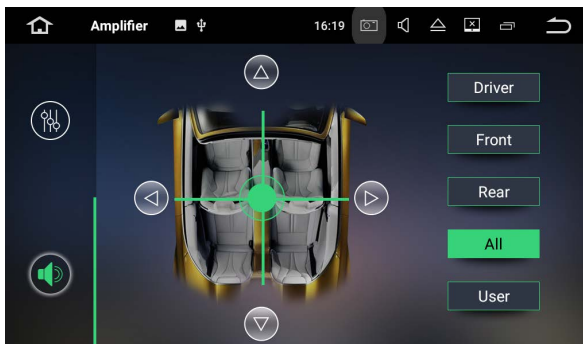### 5.5.1 Equalizer adjustment

You can choose from Rock, Pop, Jazz, Classic, Flat, Voice, and Custom.



### 5.5.2 Fader/balance adjustment

You can select a listening position that you want to make as the center of the sound effects.
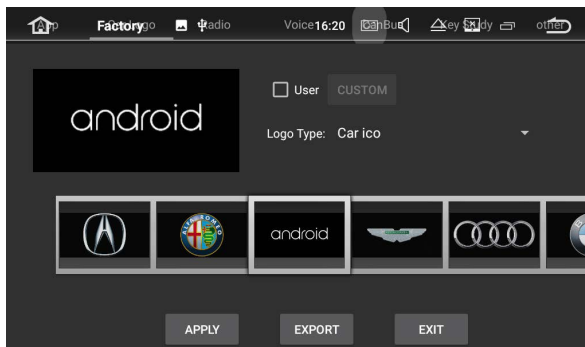Choose from Driver, User, Front, Rear, and All.

### 5.6 Factory settings
Enter the password 126 to go to Factory settings.

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

### 5.6.2 Car logo
Select one of the preinstalled car manufacturer logos as your start up screen. You can also select images imported from an SD memory card. You need to insert the SD memory card into the GPS card slot. The image size should be 800 pixels x 480 pixels and the image format should be JPEG.



### 5.6.3 Radio
Select an area for the radio.

### 5.6.4 Voice
Adjust the volumes of DVD, System, AV Input, Radio, Bluetooth modes, and more.

### 5.6.5 CanBus
Change the options for Canbus.

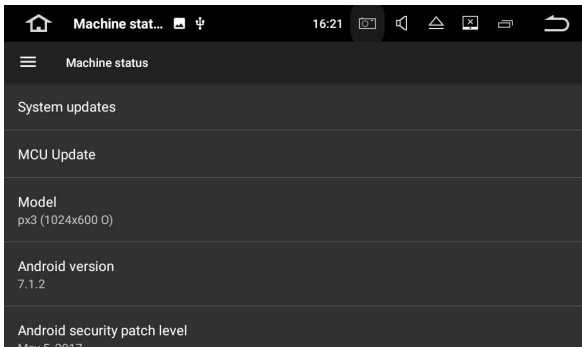### 5.6.6 Key study
- Button panel reset
- Panel key study
- Touch reset
- Touch key study

### 5.6.7 Other
Change the options for RDS, Front Camera, Panel LED type, and more.

### 5.7 About machine
- System updates
- MCU update
- Model
- Android version
- Android security patch level
- Kernel version
- Build number
- MCU version
- Serial number
- CPU
- Memory
- Legal information
- Regulatory labels

**XTRONS**

# Troubleshooting

If you have problems operating this product, refer to this section. The most common problems are listed below, along with likely causes and solutions.

### No power

- Car engine has not been started. Start the car engine.
- Incorrect wiring connection. Check the wiring.
- Fuse has been damaged. Replace fuse.

### No sound

- Volume is too low. Adjust volume.
- Incorrect wiring connection. Check the wiring.

### No image

- Parking brake wire connect is incorrect. Check the parking wiring.

### Disc does not play

- The disc is inserted upside down. Insert the disc with the label upward.
- The disc is dirty. Clean the disc.
- The disc is cracked or otherwise damaged. Insert a normal, round disc.
- The files on the discs are in an irregular file format. Check the file format.
- The disc format cannot be played back. Replace the disc.
- The loaded disc is a type this product cannot play. Check what type of disc it is.

### The screen is covered by a caution message and the video cannot be shown

- The parking brake lead is not connected or applied. Connect the parking brake lead correctly, and apply the parking brake.
- The parking brake interlock is activated. Park your vehicle in a safe place and apply the parking brake.

### Image flashes or distorted

- Video DVD settings do not match with the DVD. Adjust video DVD settings.
- Video connection is incorrect.

### Noise in broadcasts

- Signals are too weak. Select other stations with stronger signals.
- Check the connection of the vehicle antenna.
- Change broadcast from stereo to mono.

### Preset station lost

- Battery cable is not correctly connected. Connect the battery cable to the terminal that is always live.

### The paired mobile phone connects and disconnects constantly

- The Bluetooth reception is poor. Move the mobile phone closer to the product or remove any obstacle between the mobile phone and the product.
- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of the product.
- 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.

# For more information, please visit our websites

xtrons.com    xtrons.co.uk

# For installation and technical advice please visit

www.forum.xtrons.co.uk.

Twitter:

https://twitter.com/xtrons_ug

Facebook:

https://www.facebook.com/Xtrons/

YouTube:

https://www.youtube.com/user/ourxtrons/

Google+:

https://plus.google.com/+xtrons/

RSS:

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www.xtrons.com