

# XTRONS



## 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 .....	2
Main Menu .....	5
Radio .....	7
Play DVD (Optional) .....	8
USB/SD .....	9
iPod (Optional) .....	10
AV Input .....	10
Bluetooth .....	11
Screen Mirroring .....	13
OBD2 .....	15
Navigation .....	15
DVR .....	16
Google Play Store .....	16
Settings .....	17
Troubleshooting .....	25

## 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, any applications, or the rear view camera option (if purchased) 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 image 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 image 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.

## Main Menu



1. Return to the Previous Menu

2. Return to the Home Screen

3. Recent Apps

4. Display Date and Time

5. Display Time Clock, Compass or Speedometer

6. Control and Playback of Currently Playing Audio

7. Display the Home Screen Apps

8. Navigation

9. Radio

10. Video

11. Audio

12. Display More Apps



- |                    |                      |
|--------------------|----------------------|
| 1. DVD             | 6. Screen Mirroring  |
| 2. Bluetooth       | 7. Google Play Store |
| 3. Bluetooth Music | 8. Car Setting       |
| 4. AV Input        | 9. Settings          |
| 5. DVR             |                      |

### Use apps

Tap an app to open it.

### Arrange apps

Touch and hold any app on the Home screen, 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.

**Radio**



1. TA (Traffic Announcement)
  2. AF (Alternative Frequencies)
  3. PTY (Program Type)
  4. RDS (Radio Data System)
  5. Exit
  6. Broadcast frequency slider
  7. Preset channel list
- Select a frequency you like, then touch and hold one preset frequency to store it.
8. Perform manual tuning backward
  9. Volume
  10. ST (Mono/Stereo Switch) (Works for FM bands)
  11. FM band (FM1, FM2 or FM3)
  12. AM band (AM1 or AM2)
  13. Perform seek tuning
  14. Equalizer adjustment
  15. Perform manual tuning forward

## Play DVD (Optional)

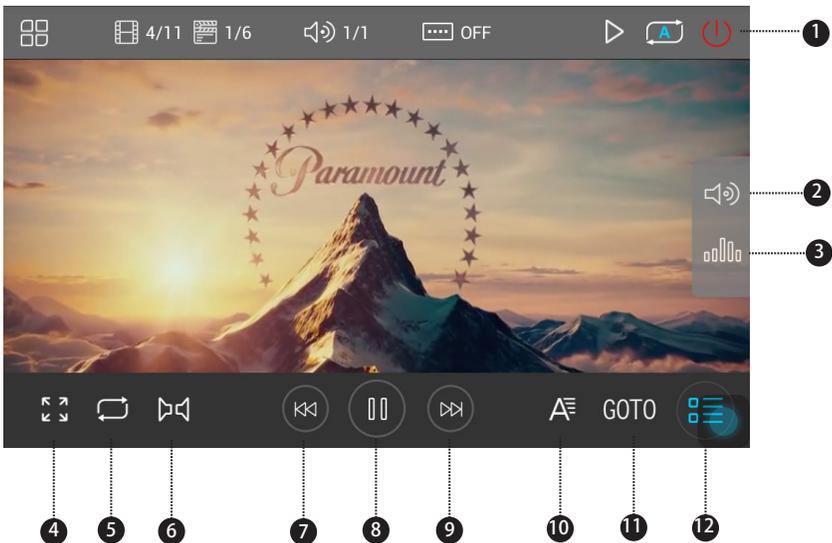
### DVD Player

#### **⚠ 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. Exit
2. Volume
3. Equalizer adjustment
4. Screen size (4:3 picture or 16:9 picture)
5. Repeat play

Choose from repeat the current file, repeat the current folder, and repeat all files.

6. Audio channel
7. Previous file
8. Pause/Play
9. Next file
10. Subtitle language
11. Change the playback point by chapter number, title number or playing time
12. File menu

✘ **Please note this feature is not supported on all models.**

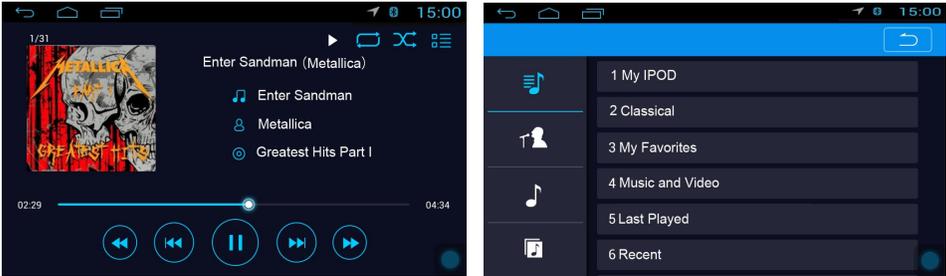
## USB/SD

Plug a USB storage device or insert an SD memory card, then tap Audio on the Home screen to play music, tap Video to play the video files, or tap Images to view the images and photos.



## iPod (Optional)

Control your iPod/iPhone directly from your car dashboard. Enjoy music playback in superior sound quality.



✘ Please note this feature is not supported on all models.

## AV 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. Pairing
2. Keypad
3. Phone book
4. Recent calls
5. Bluetooth music

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

### **CAUTION**

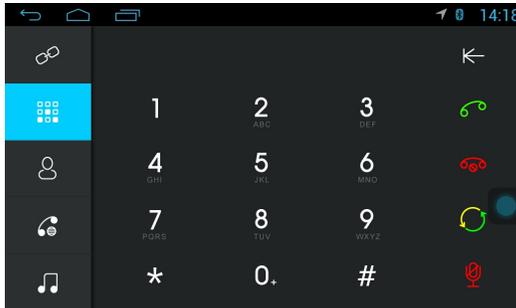
**For your safety, avoid talking on the phone as much as possible while driving.**

### **\* Connect to a Bluetooth device**

#### **Connection (Bluetooth pairing)**

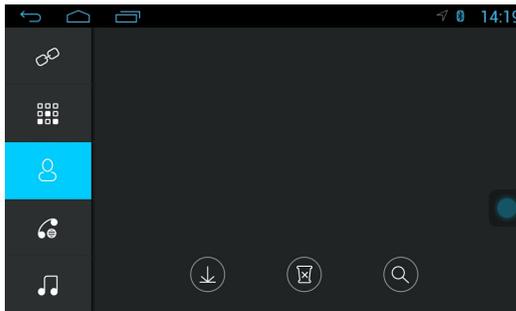
- a. The Bluetooth device must be within 1 meter of this unit. Turn on Bluetooth on the device.
- b. You can find this unit in the devices list of your Bluetooth device.
- c. If your Bluetooth device supports SSP (Secure Simple Pairing), a four-digit number password will be required. The default password is 0000.
- d. Once the connection is established, your Bluetooth device name will appear on the pairing screen of the unit.

## 1. Phone calls



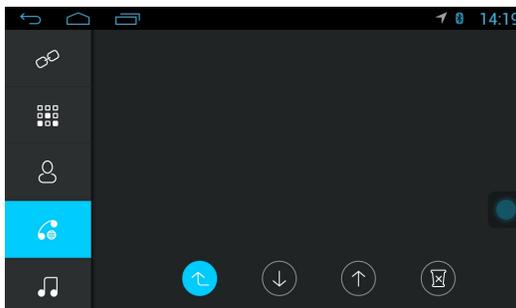
Enter the number to make a call. You can also choose a contact from the phone book to make a call.

## 2. Phone book



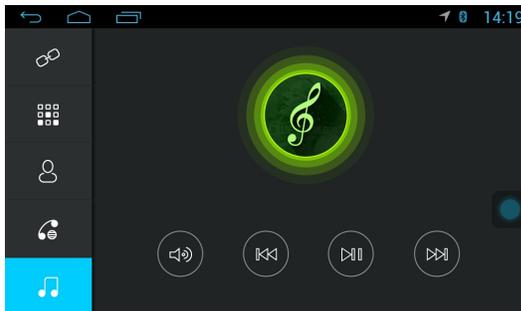
Tap  to synchronize the contacts from your Bluetooth device.

## 3. Recent calls



View recent outgoing calls, incoming calls or missed calls.

## 4. Bluetooth music



After the Bluetooth connection is established, 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 the unit may not support the Bluetooth music function when 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, then tap Build number 7 times to enable Developer options. Turn on USB debugging. A message *Allow USB debugging?* will pop up. Turn *Always allow from this computer* on, 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, then turn Portable Wi-Fi hotspot on or tap Set up Wi-Fi hotspot.
- b. Tap Android WiFi, 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 version above 4.0. Audio streaming requires a Bluetooth connection.**

**For iPhone:**

- a. Go to Settings > Personal Hotspot, then turn Personal Hotspot on.
- b. Tap iPhone WiFi, 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.**

## OBD2

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

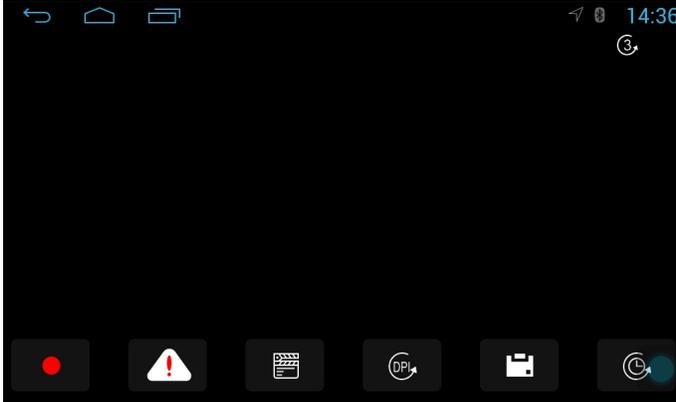


## Navigation

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.

## DVR

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



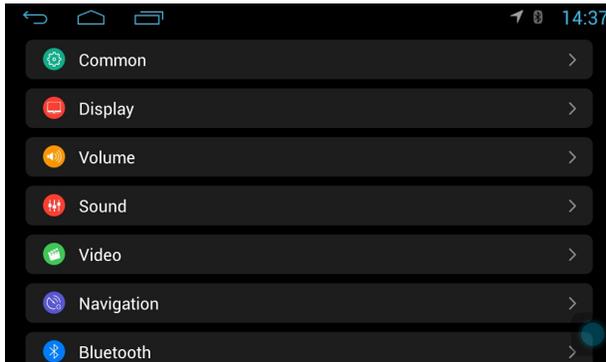
## Google Play Store

Google Play brings together all your favorite movies, TV programs, books, music, magazines, apps and more in one place.

If you purchased content on Google Play in the past, you will automatically have access to this content on any Android device. Just make sure that you have signed in using the same account that you used to purchase it.

# Settings

## 1. Car Setting



### 1.1 Common

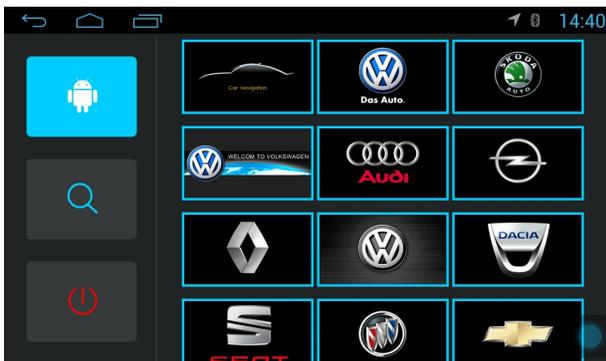
#### 1.1.1 Beep

#### 1.1.2 Assistive Touch

#### 1.1.3 Reverse Volume Suppression

#### 1.1.4 Boot Logo

Enter the password 5678. Select one of the preinstalled car manufacturer logos as your start up screen. You can also tap  and select images imported from a USB storage device or an SD memory card. The image size should be 800 pixels x 480 pixels and the image format should be JPEG.



### 1.1.5 Reset All Settings

### 1.1.6 Erase All Content

## 1.2 Display

### 1.2.1 Daytime Backlight Set

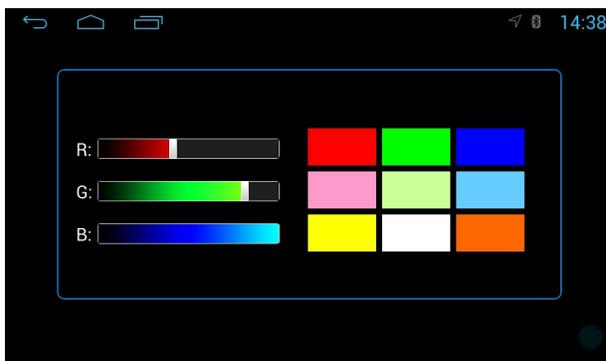
### 1.2.2 Nighttime Backlight Set

### 1.2.3 Auto Mode

### 1.2.4 Key Light Color

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 sliders of red, green and blue to create a favorite color.

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



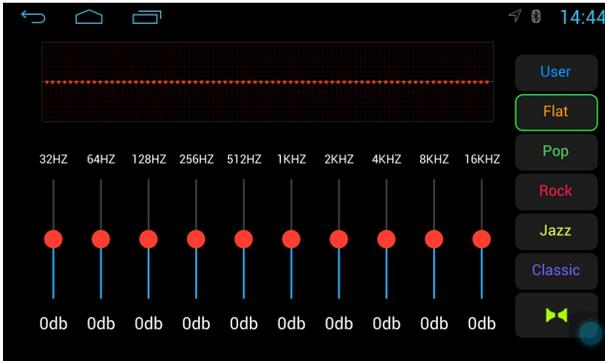
## 1.3 Volume

Adjust Media Volume, Navi Volume, BT Volume, Ring Volume, Alarm Volume, and System Volume.

## 1.4 Sound

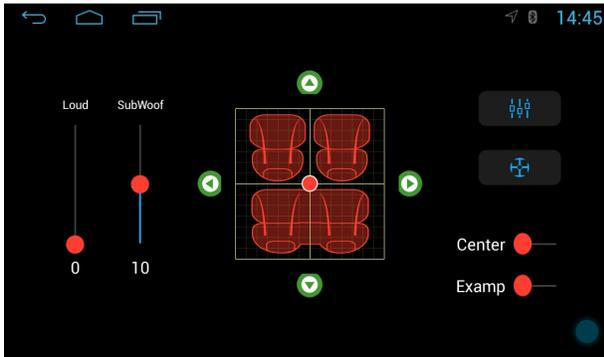
### 1.4.1 Equalizer Adjustment

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



### 1.4.2 Fader/Balance Adjustment

You can select a listening position that you want to make as the center of the sound effects.



## 1.5 Video

### 1.5.1 Watching Video Is Forbidden While Driving

### 1.5.2 Reversing Assistant Line

### **1.5.3 Reversing Warning Line**

### **1.5.4 Mirror Rear Camera**

If you connect a rear view camera (sold separately) to the unit, you can turn this on to enter mirror imaging mode for rear parking, and turn this off to enter normal imaging mode for rear parking.

### **1.5.5 Air Conditioner**

## **1.6 Navigation**

### **1.6.1 Autostart Navigation**

### **1.6.2 File Path**

## **1.7 Bluetooth**

### **1.7.1 Pin Code**

You can change the Pin Code (Bluetooth pairing password). The default password is 0000. Enter another four-digit number, then tap OK to set a new password.

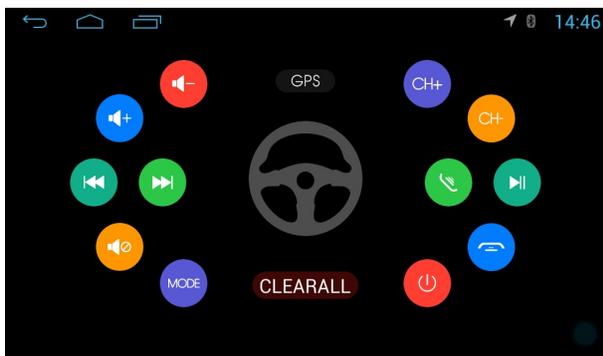
### **1.7.2 Auto Connect**

### **1.7.3 Auto Answer**

## **1.8 SWC**

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

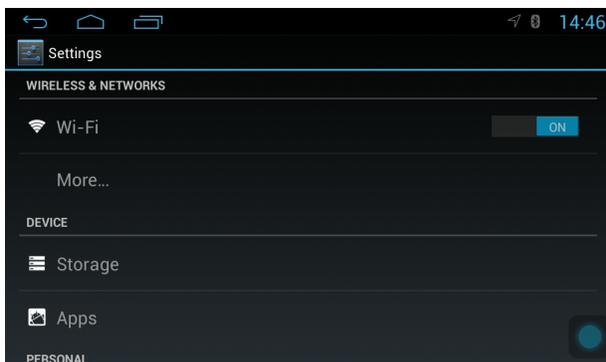
- a. Tap 
- b. Press and hold one button on the steering wheel control of your vehicle.
- c. Tap the corresponding key on the screen of the unit.
- d. When the button illumination turns green, the setting has been saved.



## 1.9 About Device

Tap  , then enter the password 8888 to go to factory settings.

## 2. Settings



### 2.1 Wireless & Networks

#### 2.1.1 Wi-Fi

Turn Wi-Fi on or off.

Choose a network: Tap one of the listed networks, then enter the password, if asked.

#### 2.1.2 More...

Turn airplane mode on or off, and set up VPN or Portable hotspot.

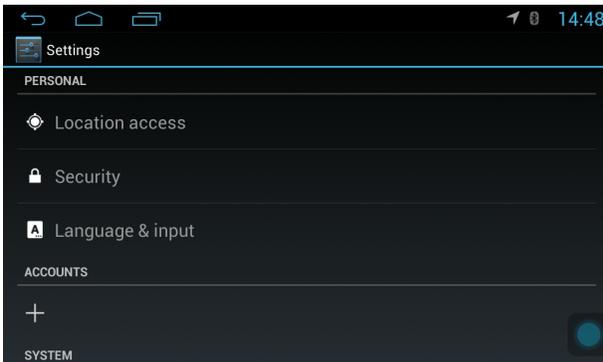
## 2.2 Device

### 2.2.1 Storage

- Internal storage
- Flash storage
- SD card storage
- USB storage

### 2.2.2 Apps

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



## 2.3 Personal

### 2.3.1 Location Access

- Access to my location
- GPS satellites
- Wi-Fi & mobile network location

### 2.3.2 Security

- Make passwords visible
- Device administrators
- Unknown sources
- Verify apps
- Trusted credentials
- Install from SD card
- Clear credentials

### **2.3.3 Language & Input**

- Language

Set the language for the unit. Choose from English, French, German, Spanish, and many more.

- Spell checker
- Personal dictionary
- Keyboard & input methods

The default input method is English (US) - Android Keyboard.

Tap the icon on the right side of each input method for the settings.

- Voice search
- Text-to-speech output
- Pointer speed

### **2.4 Account**

Add a Google account.

### **2.5 System**

#### **2.5.1 Date & Time**

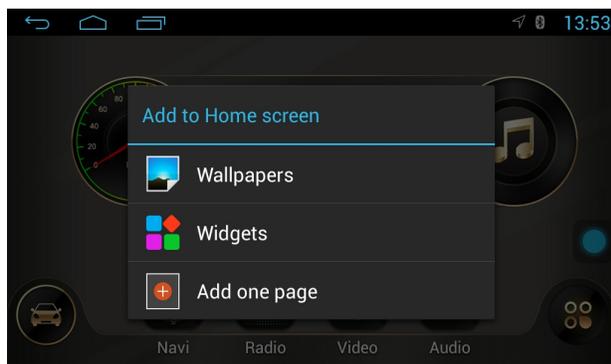
- Automatic date & time
- Automatic time zone
- Set date
- Set time
- Select time zone
- Use 24-hour format
- Choose date format

#### **2.5.2 About Car**

- Status
- Legal information
- Model number
- Android version
- Baseband version
- Kernel version
- Build number

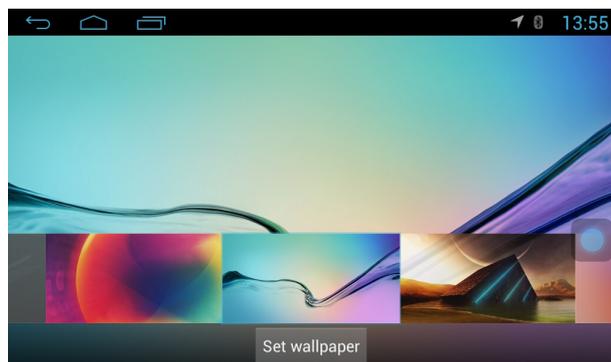
### 3. Add to Home Screen

Tap and hold any blank space on the Home screen, then the window *Add to Home Screen* will pop up.



#### 3.1 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.



#### 3.2 Widgets

#### 3.3 Add One Page

## **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 iPod/iPhone's video image is disturbed**

- Set the TV Signal settings (NTSC/PAL) of the iPod/iPhone correctly.

**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.



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