

**PHILIPS**

**CE600N**

**Car Audio/  
Video System**

Système audio/vidéo pour voiture

# User manual



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# 1 Safety

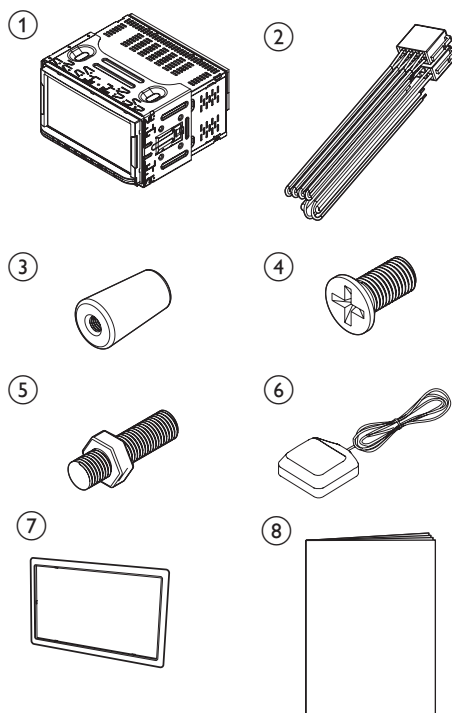
Read and understand all instructions before you use the device. If damage is caused by failure to follow instructions, the warranty does not apply.

- The device is designed for negative ground (earth) 12 V DC operation only.
- Risk of car accidents! Never watch video or operate this system while driving.
- To ensure safe driving, adjust the volume to a safe and comfortable level.
- Improper fuses can cause damage or fire. When you need to change the fuse, consult a professional.
- Use only the supplied mounting hardware for a safe and secure installation.
- To avoid short circuits, do not expose the device, remote control or remote control batteries to rain or water.
- The device shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the device (e.g. liquid filled objects, lighted candles).
- Never insert objects into the ventilation slots or other openings on the device.
- Risk of damage to the screen! Never touch, push, rub or strike the screen with any object.
- Clean the device with soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the device.

# 2 Your car entertainment system

## What's in the box

Check and identify the contents of the package:

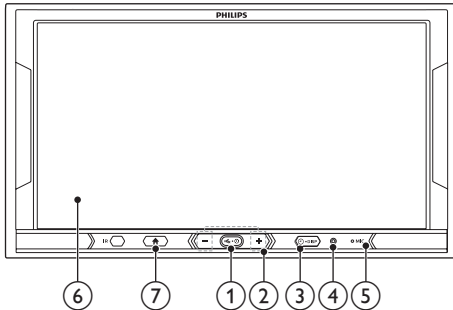


- ① Main unit with Sleeve
- ② ISO male connector
- ③ Nut
- ④ Screw
- ⑤ Hexagon head screw
- ⑥ GPS Antenna

- ⑦ Trim Plate
- ⑧ Printed materials

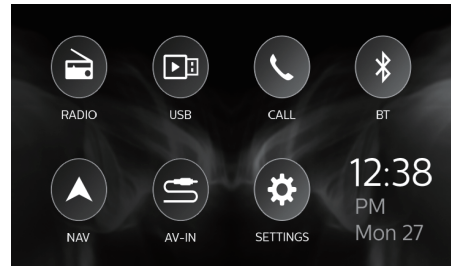
## Overview

### Main unit



- ①
  - Press to switch on.
  - Press and hold to switch off.
  - Press to mute or unmute.
- ②
  - Press to increase or decrease the volume.
- ③ / **DISP**
  - Press to display the set clock.
  - Press and hold to turn off display.
- ④ **RES**
  - Press to reset the system.
- ⑤ **MIC**
  - Microphone
- ⑥ Touch screen
- ⑦
  - Press to enter the Home screen.

### Home screen



Tap the icons to select functions:

- : Tune to FM/AM radio stations.
- : Play music/videos from the connected USB storage device.
- : Make/ answer phone calls from the connected mobile phone.
- : Stream music from the connected Bluetooth device.
- : Enter GPS navigation system or exit.
- : Play music/videos from the external media player that is connected through audio/video cables.
- : Enter the settings menu.
- : Enter the DVR operation function.

#### Note

- The DVR icon appears only when a DVR device connects to the DVR interface. Please check with your distributor to get a proper DVR for this unit.

# 3 Setup

Always follow the instructions in this chapter in sequence. These instructions are for a typical installation. However, if your car has different requirements, make the adjustment accordingly. If you have any question regarding installation kits, consult your local retailer.

## Note

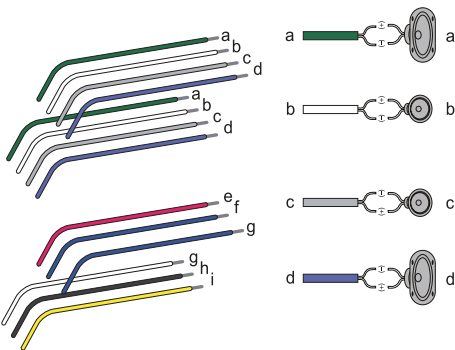
- This system is designed for negative ground (earth) 12V DC operation only.
- Always install this system in the car dashboard. Other locations can be dangerous as the rear of the system heats up during use.
- To avoid short-circuit: before you connect, make sure that the ignition is off.
- Make sure that you connect the yellow and red power supply leads after all other leads are connected.
- Make sure that all loose leads are insulated with electrical tape.
- Make sure that the leads do not get caught under screws iron parts that will move (e.g. seat rail).
- Make sure that all ground (earth) leads are run to a common ground (earth) point.
- Use only the supplied mounting hardware for a safe and secure installation.
- Improper fuses can cause damage or fire. When you need to change the fuse, consult a professional.
- When you connect other devices to this system, make sure that the rating of the car circuit is higher than the total fuse value of all the connected devices.
- Never connect speaker wires to the metal body or chassis of the car.
- Never connect speaker wires with stripes to one another.

# Connect wires

## Note

- Make sure that all loose leads are insulated with electrical tape.
- Consult a professional to connect wires as instructed below.
- Before connection, check the car's wiring carefully.

## 1 Connect the ISO male connectors.



ISO male connectors		Connect to
a	Green strip, black-edged green strip	Rear left speaker
b	White strip, black-edged white strip	Front left speaker
c	Gray strip, black-edged gray strip	Front right speaker
d	Purple strip, black-edged purple strip	Rear right speaker
e	Red strip	Ignition key +12V DC when ON/ACC
f	Blue strip	Motor/electric antenna relay control lead

	ISO male connectors	Connect to
g	Blue strip, white strip	Amplifier relay control lead
h	Black strip	Ground
i	Yellow strip	The +12V car battery which is energized at all times

**2** Connect other wires if necessary.

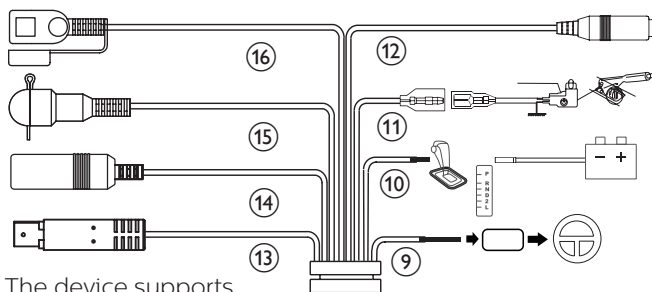
	Connectors and sockets on rear panel	External sockets or connectors
1	For ISO male connectors	As indicated above
2	<b>REAR OUT L</b> (White socket)	Rear left speaker
	<b>REAR OUT R</b> (Red socket)	Rear right speaker
3	<b>AV-IN L</b> (White socket)	Left audio output of the external player
	<b>AV-IN R</b> (Red socket)	Right audio output of the external player
4	<b>VIDEO IN</b> (Yellow socket)	Video output of the external player
5	<b>CAMERA IN</b> (Yellow socket)	Video output socket of an external camera
6	<b>VIDEO OUT</b> (Yellow socket)	Video input of the external display device
7	<b>GPS AERIAL</b> (Black connector)	GPS smart antenna
8	<b>FRONT OUT L</b> (White socket)	Front left speaker
	<b>FRONT OUT R</b> (Red socket)	Front right speaker

	Connectors and sockets on rear panel	External sockets or connectors
9	<b>SWC</b> (Black/ brown wire)	SWC (Steering Wheel Control)
10	<b>REVERSE</b> (Purple wire)	Reverse camera (B+)
11	<b>PARKING</b> (Pink wire)	Parking brake (-)
12	<b>MIC</b> (Black socket)	External microphone
13	<b>DVR</b> (Black socket)	DVR In
14	<b>RADIO ANTENNA</b> (Black socket)	Radio antenna
15	<b>SUB-W OUT</b> (Black socket)	Subwoofer
16	<b>USB</b> (Black socket)	USB connector of the external USB storage device

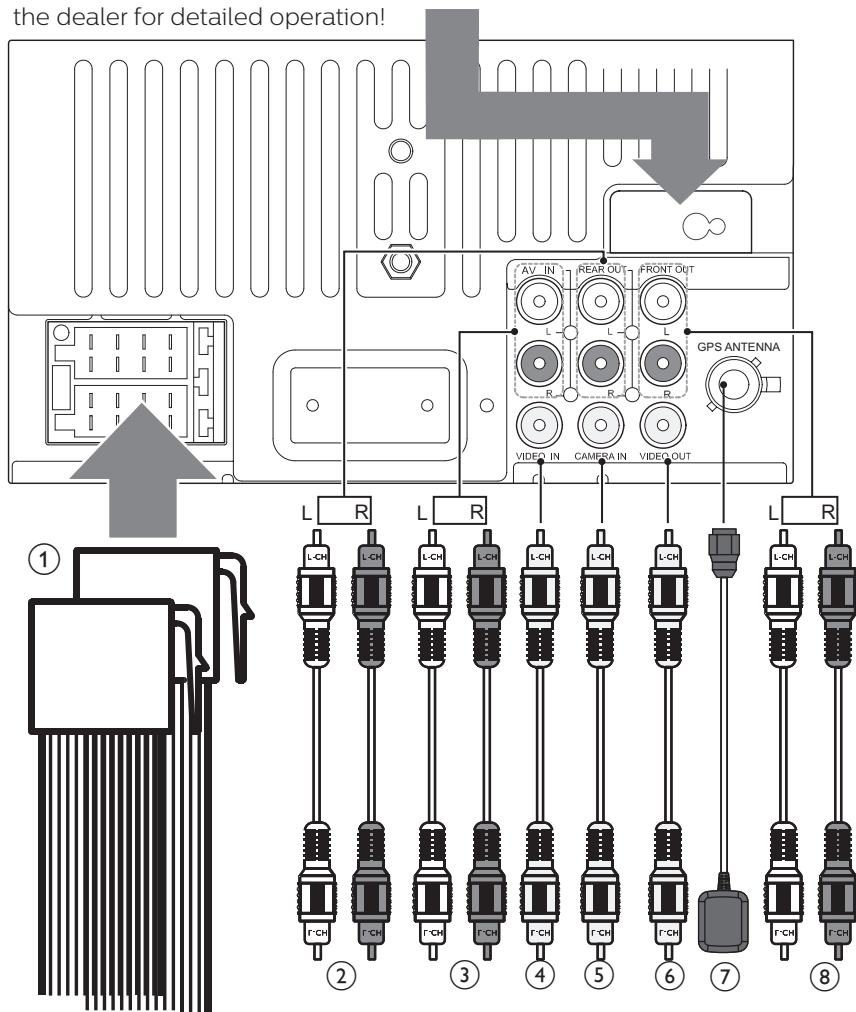


#### Tip

- The pin arrangement for the ISO connectors depends on the type of your vehicle. To avoid damage to the system, connect properly.



Remark: The device supports  
DVR Video In function. Contact  
the dealer for detailed operation!

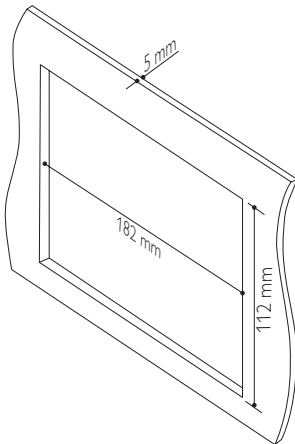


# Mount into the dashboard

## Note

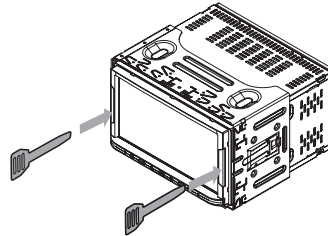
- Make sure that wires are correctly connected before you mount the main unit into a car.
- If preset radio stations are lost when the ignition key is turned OFF and then back ON, reconnect the red leads crosswise to the yellow ones.

- 1 If the car does not have an on-board drive or navigation computer, disconnect the negative terminal of the car battery.
  - If you disconnect the car battery in a car that has an on-board drive or navigation computer, the computer may lose its memory.
  - If the car battery is not disconnected, to avoid short-circuit, make sure that bare wires do not touch each other.
- 2 Make sure that the car dashboard opening is within these measurements:

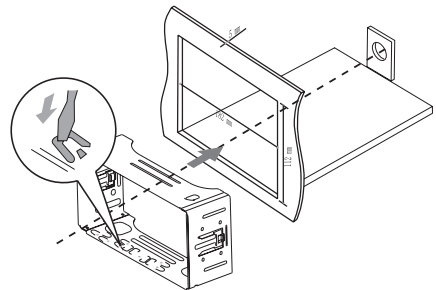


- Since the unit cannot be used if the dashboard opening's slant angle is above 20 degrees, make sure that the horizontal slant of the car dashboard opening is between 0 and 20 degrees.

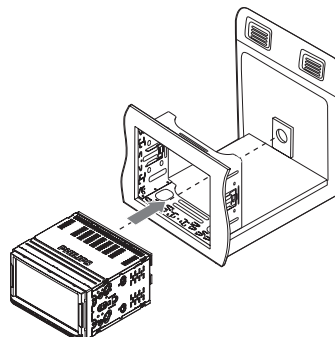
- 3 Remove the mounting sleeve with the supplied disassembly tools.



- 4 Install the sleeve into the dashboard and bend the tabs outward to fix the sleeve.

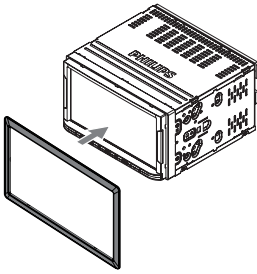


- 5 Slide the unit into the sleeve until you hear a "click".





## 6 Attach the trim plate.

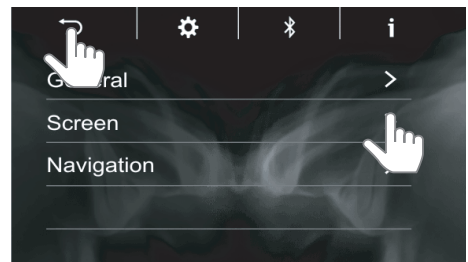


# 4 Basics

## Switch on or off

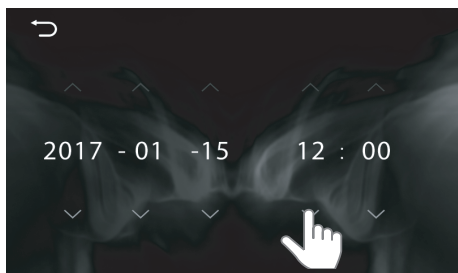
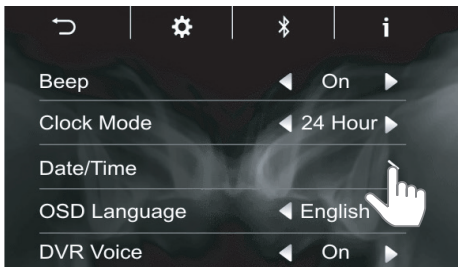
- 1 Press to switch on.
  - For the first-time use, follow the onscreen instructions to complete the setup.
- 2 To switch off, press and hold until the screen dims.

## Use the touch screen



- 1 Press to enter the Home screen.
- 2 Tap the icon or menu item to select or enter the functional or options menu.
- 3 Tap to return to the previous screen.

## Set the date and time



- 1 On the Home screen, tap > [General].
- 2 In [Clock Mode] and [Date/Time], tap , , , to select your options.

## Adjust the screen

### Adjust the screen brightness

- 1 On the Home screen, tap > [Screen].
- 2 In [Dimmer], tap , to select your options.

### Calibrate the touch panel

- 1 On the Home screen, tap > [Screen].
- 2 In [Panel Adjust], tap + to calibrate the positioning of your taps on the screen.

## 5 Radio

Press to enter the Home screen. Tap .

### Tune in to radio stations



#### Auto tune

The first time you tune in to the radio, start

Auto tune to search for stations.

- 1 Tap **FM** or **AM** to select a band.  
FM bands: **FM1**, **FM2**, **FM3**  
AM band: **AM**
- 2 Tap to start Auto Store.
  - ➔ For each band, up to 6 stations are stored as presets.
  - ➔ The preset stations are listed at the bottom of the screen.
- 3 Tap to select a preset station.



#### Tip

- When you move to a new place (such as a new city or country), restart auto tune for better reception.

#### Manual tune

Use Manual tune to search for a frequency or station.

- 1 On the play screen, tap and hold < or >.
  - ↳ You tune in to the next station from current frequency.
- 2 For fine tuning, press < or > repeatedly.


## Store preset stations

You can store up to 6 stations in each band.

- 1 Tune in to a radio station.
- 2 On the play screen, tap and hold a location in the list of presets.
  - ↳ Current station is saved to the location.


## Select tuner region

You can select suitable country/region of the radio.

- 1 Tap  > [Area].
- 2 Tap ◀, ▶ to select:
  - [USA] (United States)
  - [Latin] (Latin America)
  - [Europe] (Western Europe)
  - [Russia] (Russia)
  - [Mideast] (Middle East)
  - [Asia] (Asia Pacific)
  - [Japan] (Japan)
  - [Australia] (Australia)

## Select radio range

Before you start to search for radio stations, you can select radio range.

- 1 Tap  > [Local].
- 2 Tap ◀, ▶ to select your options.
  - [LOCAL ON] (local on): Only stations with strong signal can be broadcast.
  - [LOCAL OFF] (local off): Stations with strong and weak signals can be broadcast.


# 6 Play with RDS

The RDS (Radio Data System) function operates only in areas with FM stations broadcasting RDS signals. If you tune to an RDS station, the station name is displayed.

## Turn on RDS


### Note

- The default setting for RDS is on.

- 1 Tap  > [RDS].
- 2 Tap ◀, ▶ to select **RDS ON**:
  - ↳ The RDS function is turned on.

## Select program type

Before tuning to RDS stations, you can select program types and let the unit search only for programs of the selected category.

- 1 Tap  > [PTY List].
- 2 Tap > to display the list of program types.
- 3 Tap the name of a program type to start search.
  - ↳ Once an RDS station that transmits programs of the selected type is found, the RDS station is broadcast automatically.




Item	Program type	Description
1	NEWS	News services

Item	Program type	Description
2	AFFAIRS	Politics and current affairs
3	INFO	Special information programs
4	SPORT	Sports
5	EDUCATE	Education and advanced training
6	DRAMA	Radio plays and literature
7	CULTURE	Culture, religion and society
8	SCIENCE	Science
9	VARIED	Entertainment programs
10	POP M	Pop music
11	ROCK M	Rock music
12	EASY M	Light music
13	LIGHT M	Light classical music
14	CLASSICS	Classical music
15	OTHER M	Special music programs
16	WEATHER	Weather
17	FINANCE	Finance
18	CHILDREN	Children's programs
19	SOCIAL	Social Affairs
20	RELIGION	Religion
21	PHONE IN	Phone In
22	TRAVEL	Travel
23	LEISURE	Leisure
24	JAZZ	Jazz Music
25	COUNTRY	Country Music
26	NATION M	National Music

Item	Program type	Description
27	OLDIES	Oldies Music
28	FOLK M	Folk Music
29	DOCUMENT	Documentary
30	TEST	Alarm Test
31	ALARM	Alarm




## Select alternate frequencies

If the radio signal is poor, turn on AF (Alternate Frequency) to search for another station with stronger signal.

- 1 Tap  > [AF].
- 2 Tap ,  to select a setting:
  - [AF ON]: Turn on the AF mode.
  - [AF OFF]: Turn off the AF mode.

## Receive traffic announcement

If you do not want to miss traffic announcement when enjoying music, turn on the TA (Traffic Announcement) function.

- 1 Tap  > [TA].
- 2 Tap ,  to select a setting:
  - [TA ON]: When there is traffic announcement, the unit switches to the tuner mode (regardless of the current mode) and begins to broadcast the traffic conditions. When the traffic announcement is over, it returns to the previous mode.
  - [TA OFF]: Traffic announcement does not cut in.

## Note




- If the currently received TA signal remains weak for over 120 seconds, the unit will activate TA Seek mode automatically to seek for other stations with better TA signal.

## Tip

- When a traffic announcement cuts in, the user can press  briefly to terminate the traffic announcement, and the unit will resume to the previous playback mode.

## Set RDS clock

You can use time signal that is broadcast together with the RDS signal to set the clock of the unit automatically.

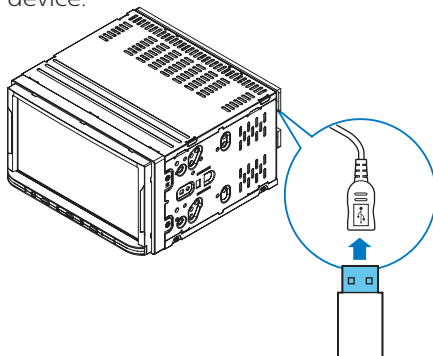
- 1 Tap  > [RDS Clock Sync].
- 2 Tap ,  to select a setting:
  - [ON]: Turn on the RDS clock. Time shown on the unit synchronizes with that on the RDS station.
  - [OFF]: Turn off the RDS clock.






## Tip

- The accuracy of the transmitted time depends on the RDS station that transmits the time signal.

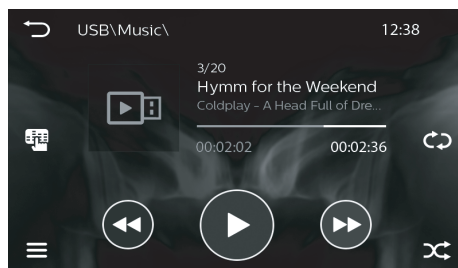
## 7 USB

On the unit, you can play the media files that you have stored on a USB storage device.



- 1 Connect your USB storage device to the unit.
- 2 Press  to enter the Home screen. Tap .
  - ↳ Media files are sorted as follows:
    -  : Display music files/ folders.
    -  : Display picture files/ folders.
    -  : Display video files/ folders.
- 3 Select a file to start play.

## Play music



- ↳ On the play screen, you can see the file information and play status.

### Select play options

- **⏸/▶**: Tap to start, pause, or resume play.
- **↺/↻/⏮**: Tap to select a repeat mode:
  - **↺**: Repeats all songs.
  - **↻**: Repeats current song.
  - **⏮**: Repeats all songs in current folder.
- **⏮/⏭**: Tap to play all songs in random order (**⏮** highlighted) or in sequence (**⏭** in gray).

### Search for files

- **⏮/⏭**:
  - Tap to skip to the next/previous file.
  - Tap and hold to fast forward or rewind within current file.
- Tap **☰** to go to the song list. Tap **↶** to return to the previous level in the file directory.

### Select sound settings

- **⚙**: Tap to select sound settings.

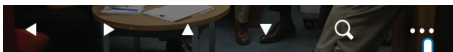
### Select view options

- **16:9/4:3**: Tap to select an aspect ratio.
- **🔍**: Tap to zoom in or out the scene. To pan through the enlarged scene, tap **◀**, **▶**, **▲**, **▼**.

### Search

- **⏮/⏭**:
  - Tap to skip to the previous/next file.
  - Tap and hold to fast forward or rewind within current file.
- Tap **☰** to go to the video list. Tap **↶** to return to the previous level in the file directory.

## Play videos



### Select play options

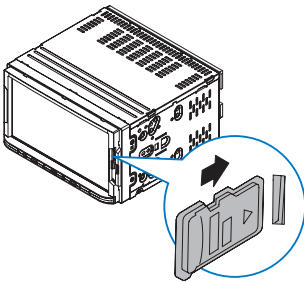
- **⏸/▶**: Tap to start, pause, or resume play.

## 8 Navigation system

### Insert the map data card

#### Note

- The map data card is not included in the packaging.
- Before using the map data card, update the map data if necessary..





- 1 Flip up the protective cover.
- 2 Insert the map data card into the **MAP** slot until you hear a “click”.
- 3 Close the protective cover.

### Navigate your road trip

#### Note




- Risk of traffic accident! Never operate the navigation system during drive. Complete the setting of your destination and other navigation specifications before you drive.

- 1 Press  to enter the Home screen. Tap   
↳ The navigation interface is displayed in a few seconds.
- 2 Follow the user manual of the navigation map to set navigation specifications.

## 9 Bluetooth

On the unit, you can enjoy music play that stream from a connected Bluetooth device.

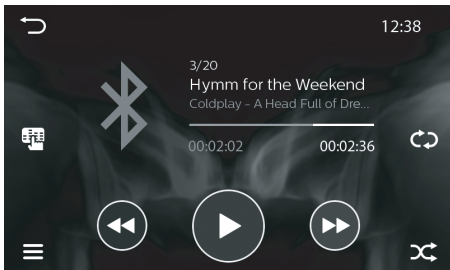
### Connect your Bluetooth device

- 1 On your unit, press  to enter the Home screen. Tap  >  to switch on Bluetooth.
- 2 On your Bluetooth device, search for and select **Philips CE600N**.
- 3 Follow the onscreen instructions to complete Bluetooth connection.
  - If necessary, enter the passcode on your Bluetooth device (0000 by default).

#### Note

- The operational range between this system and a Bluetooth device is approximately 8 meters (24 feet).
- Any obstacle between this system and a Bluetooth device can reduce the operational range.
- Keep away from any other electronic device that may cause interference.

## Enjoy music from your Bluetooth device



- 1 On your unit, press to enter the Home screen. Tap .
- 2 Check that your Bluetooth device supports the Bluetooth profile A2DP and AVRCP.
- 3 On your Bluetooth device, start music play.
  - ↳ You can listen to music through the unit.
  - ↳ On the unit, the play screen shows file information, play status, and play controls for you to select options.

### Select play options

- : Tap to start, pause, or resume play.
- / / : Tap to select a repeat mode:
  - : Repeats all songs.
  - : Repeats current song.
  - : Repeats all songs in current folder.
- : Tap to play all songs in random order ( highlighted) or in sequence ( in gray).

### Search for files

- / :
  - Tap to skip to the next/previous file.
  - Tap and hold to fast forward or rewind within current file.

- : Tap to go to the song list.

### Select sound settings

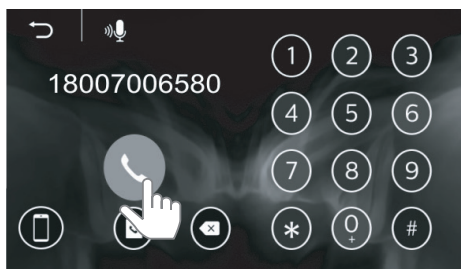
- : Tap to select sound settings.

## Make phone calls

### Note

- Keep the Bluetooth connection active between the system and your mobile phone.

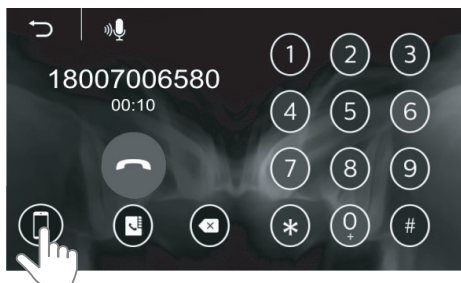
- 1 Press to enter the Home screen. Tap .



- 2 Use the keypad to enter phone numbers. Tap to make the call.
  - Tap to delete the last entry.
  - Tap to end the call.

### To transfer the phone call to your mobile phone

- Tap after the phone call gets through.







To dial the last called number

- Tap .

## Voice Control

Once the smartphone and the device are paired, you can use the voice control function through the device.





- Tap  to start voice control.
- Tap  to exit voice control.



## Answer phone calls

The incoming call can get through automatically when it is received on the connected mobile phone.



- Tap  to answer the call.
- To reject or end the call, tap .

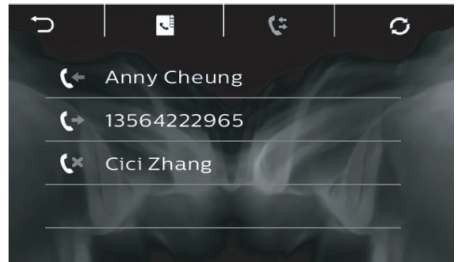
## Use the Phonebook






- 1 Tap  to display the phone book interface.
- 2 Tap  to start synchronizing the phone book with your mobile phone.
  - ↳ After the synchronization is complete, the contact list is displayed.



- 3 Tap the name of a contact from the list, and then send a call.



## Call List



- 1 Tap  to display the call list interface.
- 2 Tap  to start synchronizing the call list with your mobile phone.
  - ↳ The following options are displayed.
  - : Incoming call
  - : Outgoing Call
  - : Missing Call
- 3 Tap one of the options and confirm.

## 10 AV-IN

On the unit, you can enjoy music/ video that plays on an external media player that is connected through AV cables.

- 1 Check that you have properly connected your media player with the unit through AVcables (see “Connect wires” on page 4),
  - one end to **AV IN L, R, VIDEO IN** on the unit
  - the other end to the audio/video output on your media player.
- 2 On your unit, press  to enter the Home screen. Tap .
- 3 On your media player, start music/ video play.

## 11 Additional devices

Through the audio/ video output on the unit, you can allow the audio/ video play on this unit to be enjoyed through additional devices.


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### Connect additional devices

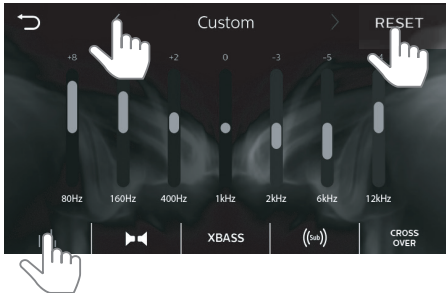
Check that you have properly connected additional devices with the unit through AV cables (see “Connect wires” on page 4),


- one end to **REAR OUT L** and **R** (for the rear speakers), **FRONT L** and **R** (for the front speakers), **VIDEO OUT** on the unit
- the other end to the audio/ video input on the additional devices.

# 12 Sound

In Radio / Media playback mode, tap  to select your sound settings.

## Select the equalizer settings

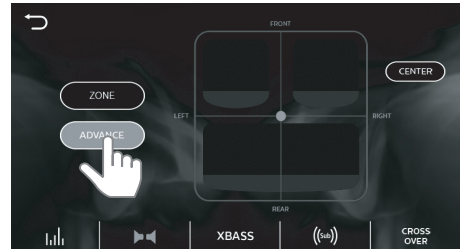
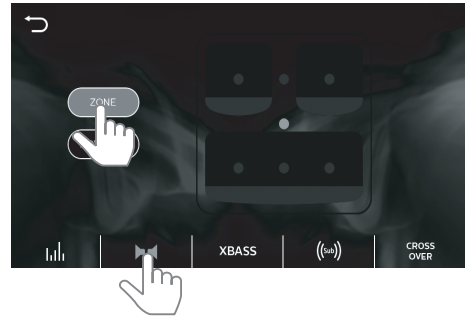



- 1 Tap  to enter the option list of equalizer settings.
- 2 Tap < or > to select a preset sound equalizer.

### To set your equalizer settings as needed

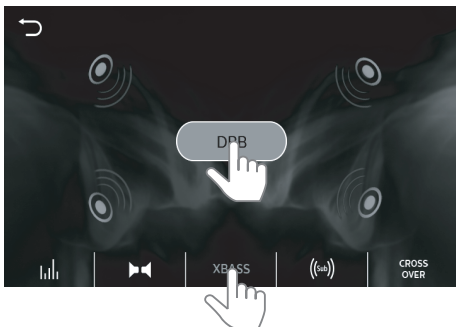
- 1 Tap < or > to select [Custom] or tap RESET.
- 2 Tap the numbers to increase or decrease the value.

## Select the channel settings



- 1 Tap  to enter the option list of channel settings.
- 2 Tap [BASIC] to select your listening zone.
- 3 Tap [ADVANCE] to adjust the fader/ balance.

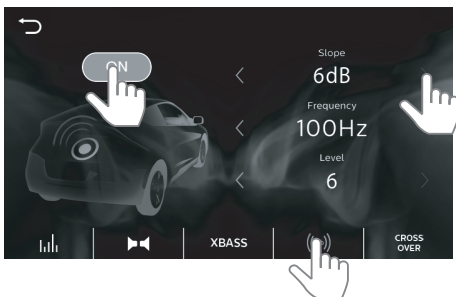
## Select the Bass settings



You can enable DBB (Dynamic Bass Boost) to enhance bass level.

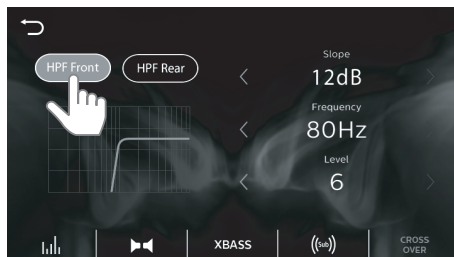
- 1 Tap **XBASS** to enter the option list of Dynamic Bass Boost settings.
  - **[DBB]** (highlighted): DBB sound effect is enabled.
  - **[DBB]** (in black): DBB sound effect is disabled.

## Select the Subwoofer settings



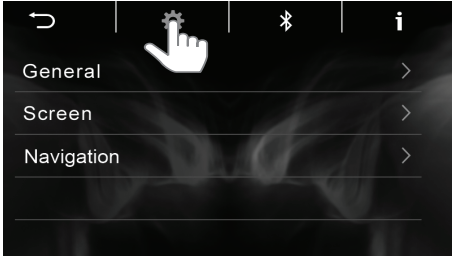
- 1 Tap **(Sub)** to enter the option list of Subwoofer settings.
  - **[ON]** (highlighted): Tap to turn on the Subwoofer.
  - **[OFF]** (in black): Tap to turn off the Subwoofer.
- 2 Tap < or > to select an option.

## Select the crossover settings



- 1 Tap **[HPF Front]** to switch on or off the high pass filter of front speakers. Tap **[HPF Rear]** to switch on or off the high pass filter of rear speakers.
- 2 Tap < or > to select an option.

# 13 Settings



- 1 Press to enter the Home screen. Tap to enter the functional menu of settings.
- 2 Tap , , or to enter the options list.
- 3 Tap to return to the previous screen.

## System settings

Tap to enter the options list.

### General

#### Beep On/Off

- Select if Beep sounds when you tap on the screen.

#### Clock Mode

- Select 12-hour or 24-hour clock for your time setting.

#### Date/Time

- Set the date and time.

#### OSD Language

- Select the language for the onscreen instructions.

#### DVR Voice

- Tap On or Off the DVR Voice.

## Screen

See “Adjust the screen” on page 9.

## Bluetooth settings

Tap to enter the options list.

### Pin Code

- Set the passcode for a Bluetooth device to connect with the unit.

### Device Name

- Set the name of the unit that is displayed on your Bluetooth device when you search for the unit during Bluetooth connection.

### Phone Name

- View the Bluetooth device that is connected with the unit.

### Paired Device

- When **CLEAR ALL (clear all)** is selected, all previously connected devices will be cleared. Next time you need to pair your device with the unit again.

## System information

Tap to enter the options list.

### MPEG Version / MCU Version

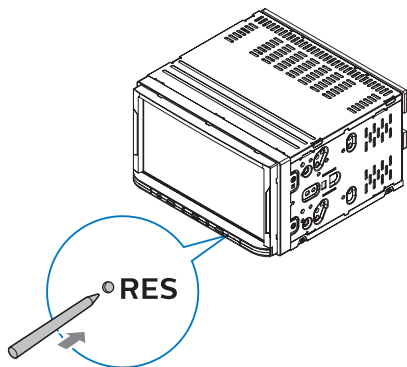
- Check the firmware version.

### Bluetooth version

- Check the Bluetooth version.

## 14 Reset

If the unit is not working properly or the display freezes, you can reset it.



## 15 Product information

### Power

- **Power supply:** 12 V DC (11 V – 16 V), negative ground
- **Fuse:** 15 A

### Operating temperature

- $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

### Display

- **Type:** LCD Touch-sensitive screen
- **Diagonal screen size (inch):** 6.8
- **Resolution:** WVGA

### Sound

- **Suitable speaker impedance:**  
4 – 8  $\Omega$
- **Maximum power output:**  
50 W x 4 channels
- **Continuous power output:** 21 W x 4 channels (4  $\Omega$  10% T.H.D.)
- **Pre-Amp output voltage:** 2.5 V
- **Sub-woofer output voltage:** 2.5 V
- **Aux-in level:**  $\geq 1.5$

### Connectivity

- **USB**
  - USB2.0 or USB1.1
- **Bluetooth**
  - Profiles: A2DP, AVRCP 1.4 or above, HFP, HSP
  - Version: 4.0
  - Range: 8 m (free space)
- **AV-IN**
- **Video output:** Composite video out
- **Preamp output**
- **Sub-woofer output**
- **Parking camera**

### Radio

- **Frequency range – FM:**  
87.5 – 108.0 MHz (50 kHz per step)
- **Frequency range – AM (MW):**  
522 – 1620 kHz (9 kHz per step)

- Usable sensitivity - FM: 2  $\mu$ V
- Usable sensitivity - AM (MW): 25  $\mu$ V

## USB

- Output for power charging: 1 A
- File format: FAT16, FAT32
  - Directory nesting up to a maximum of 8 levels
  - Number of albums/folders: maximum 99
  - Number of tracks/titles: maximum 999
  - File name in Unicode UTF8 (maximum length: 128 bytes)
- Supported formats
  - Video:
    - AVI** (video codec: MP4V/ Xvid MPEG-1, audio codec: PCM/LPCM MPEG-Audio (MP1/MP2/MP3));
    - MPG** (video codec: MPEG-1/ MPEG-2, audio codec: LPCM, MPEG-Audio (MP1/MP2/MP3));
    - DAT** (video codec: MPEG-1/ MPEG-2, audio codec: LPCM, MPEG-Audio (MP1/MP2/MP3));
    - FLV** (video codec: H.263, audio codec: LPCM/MP3);
    - MP4/MOV** (video codec: Xvid, MP4V; audio codec: LPCM, MPEG-Audio (MP1/MP2/MP3), uLaw/aLaw));
    - Resolution:** 720 X 480/576 (30fps)
  - Audio:
    - MP3** (Bit rate: 16 kbps - 320 kbps; Sampling rate: 8 K - 48 KHz);
    - ID3 tag v2.0 or later**
  - Picture: JPEG, BMP

# 16 Troubleshooting



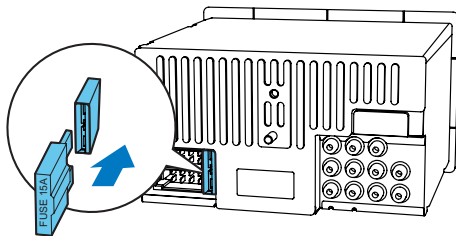
## Warning

- Never remove the casing of this product.

## General

### No power

- Car engine has not been started. Start the car engine.
- Connections are incorrect.
- The fuse has been damaged. Replace the fuse (15 A).



### No sound

- Volume is too low. adjust the volume.
- Speaker connections are incorrect.

### No image

- Parking wire connection is incorrect. Check the wiring.

### Image flashes or is distorted.

- Video connection is improper. Check the connections.

### Noise in broadcasts

- Signals are too weak. Select another station with stronger signals.
- Check the connection of the car antenna.

**Preset stations are lost.**

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

**The fuse is broken.**

- The fuse type is incorrect. Replace it with a 15 A fuse.
- Speaker wire or power wire is grounded. Check the connections.

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## Bluetooth

**Music playback is unavailable on the system even after successful Bluetooth connection.**

- The device cannot be used with the system to play music.

**The audio quality is poor after connection with a Bluetooth-enabled device.**

- The Bluetooth reception is poor.  
Move the device closer to the system or remove any obstacle between the device and the system.

**Cannot connect with the system.**

- The device does not support the profiles required for the system.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- The system is not in the pairing mode.
- The system is already connected with another Bluetooth-enabled device. Disconnect that device or all other connected devices and then try again.

**The paired mobile phone connects and disconnects constantly.**

- The Bluetooth reception is poor.  
Move the mobile phone closer to

the system or remove any obstacle between the mobile phone and the system.

- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of the system.
- For some mobile phones, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of the system.



# 17 Notice

Any changes or modifications made to this device that are not expressly approved by Gibson Innovations may void the user's authority to operate the equipment.

Hereby, Gibson Innovations declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. You can find the Declaration of Conformity on [www.philips.com/support](http://www.philips.com/support).

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## Care of the environment

### Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, and old equipment.

### Disposal of your old product



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



This symbol on a product means that the product is covered by European Directive 2012/19/EU. Inform yourself about the local separate collection system for electrical and electronic products. Follow local rules and never dispose of the product with normal household waste. Correct disposal of old products helps prevent negative consequences for the environment and human health.

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