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CEM2200

User manual

PHILIPS

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English

1 Safety

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

- This apparatus is designed for negative ground (earth) 12 V DC operation only.
- 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 circuit, do not expose the apparatus to rain or water.
- Never insert objects into the ventilation slots or other openings on the apparatus.
- Clean the apparatus and frame with a soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the apparatus.
- Never place any objects other than discs into the apparatus.
- Never use solvents such as benzene, thinner, cleaners available commercially, or anti-static sprays intended for discs.
- Visible and invisible laser radiation when open. Avoid exposure to beam.

Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous laser exposure or other unsafe operation.

- The apparatus shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

2 Your car audio system

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

With the in-car audio system, you can listen to

- FM or AM (MW) radio,
- Audio from a CD or MP3 disc,
- Audio from a USB storage device, and
- Audio from an external player.

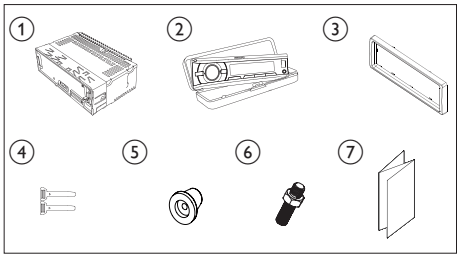
Playable media:

- Disc
  - Audio CD, MP3-CD, WMA-CD
  - CD-R, CD-RW
- USB storage device
  - Compatibility: USB 2.0, USB 1.1
  - Class support: MSC (Mass Storage Class)
  - Maximum capacity: 32 GB
- Files
  - File system: FAT16, FAT32
  - Maximum number of folders: 99
  - Maximum number of tracks/files: 999
  - Maximum level of directory: 8
  - .mp3 files
    Sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
    Bitrates: 8-320 kbps and variable bitrates
  - .wma files
    Versions: V4, V7, V8, V9 (L1 and L2)
    Sampling frequencies: 44.1 kHz, 48 kHz
    Bitrates: 64-192 kbps and variable bitrates
  - ID3 tag V2.0 or later

- **Unsupported files:**
  AAC, WAV, and PCM files
  DRM protected WMA files (.wav, .m4a, .m4p, .mp4, and .aac)
  WMA files in lossless format

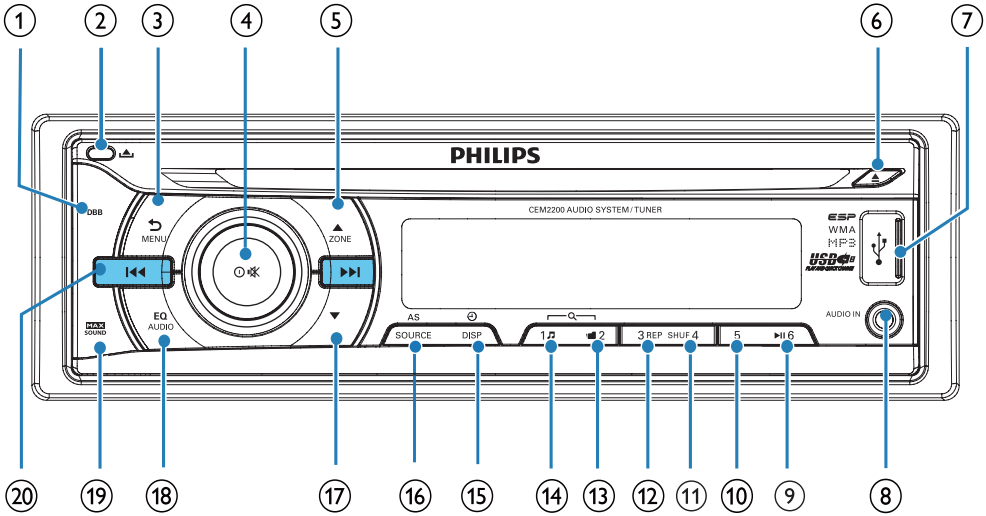
What's in the box

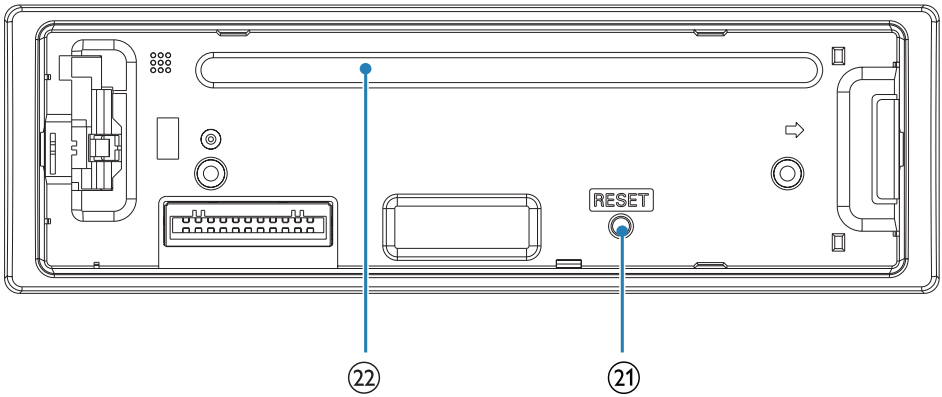
Check and identify the contents of your package:



1. Main unit (with a sleeve)
2. Carrying case (with the front panel included)
3. Trim plate
4. Disassembly tool x 2
5. Rubber cushion
6. Screw x 1
7. User manual

Overview of the system





① DBB
- Press to enable or disable the DBB (dynamic bass boost) sound effect.

② ⏏
- Unlock the front panel.

③ MENU
- Press to return to the previous menu.
- Press and hold to access the system menu.

④ ⏻/🔇
- Press to turn on the system.
- Press and hold to turn off the system.

- Press to mute the speakers or release them from mute status.
- Press to confirm an option.
- Rotate to switch between menu options.
- Rotate to adjust the volume level.

⑤ ▲ ZONE
- For .wma and .mp3 tracks, press to select the previous folder.
- In radio mode, press to select a tuner band.
- Press and hold to activate the selection of listening zones.

⑥ ⏏
- Eject the disc from the disc compartment.

⑦ •⇢
- Connect to a USB storage device.

⑧ AUDIO IN
- Connect to the audio output socket (usually the headphone socket) of an external device.

⑨ ▶II 6
- Start, pause, or resume the play of tracks.
- In radio mode, press to select the preset radio station of No. 6.
- In radio mode, press and hold to store the current radio station at channel No. 6.

⑩ 5
- In radio mode, press to select the preset radio station of No. 5.
- In radio mode, press and hold to store the current radio station at channel No. 5.

⑪ SHUF 4
- In radio mode, press to select the preset radio station of No. 4.
- In radio mode, press and hold to store the current radio station at channel No. 4.
- For .wma and .mp3 tracks, press repeatedly to select a play mode: play all tracks randomly (**[SHU ALL]**), play tracks in the current folder randomly (**[SHU FLD]**), or play all tracks in the storage device in sequence (**[SHU OFF]**).

⑫ 3 REP
- In radio mode, press to select the preset radio station of No. 3.
- In radio mode, press and hold to store the current radio station at channel No. 3.
- For .wma and .mp3 tracks, press repeatedly to select a repeat mode: repeat the current track (**[REP ONE]**), repeat all tracks in the current folder (**[RPT FLD]**), or repeat all tracks in the storage device (**[RPT ALL]**).

⑬ 2
- In radio mode, press to select the preset radio station of No. 2.
- In radio mode, press and hold to store the current radio station at channel No. 2.
- For .wma and .mp3 tracks, press to access the folder list.

⑭ 1 ♫
- In radio mode, press to select the preset radio station of No. 1.
- In radio mode, press and hold to store the current radio station at channel No. 1.
- For .wma and .mp3 tracks, press to access the track list.

⑮ ⏲ /DISP
- Press repeatedly to display available information about the current track.
- Press repeatedly to display available RDS information.
- Press and hold to display the set clock.

⑯ AS/SOURCE
- Press repeatedly to select a source.

- In radio mode, press and hold to activate the automatic search of radio stations.

⑰ ▼

- For .wma and .mp3 tracks, press to select the next folder.
- In radio mode, press to select a tuner band.

⑱ EQ AUDIO

- Press repeatedly to select a preset sound equalizer.
- Press and hold to activate the setup of bass, treble, balance, and fader.

⑲ MAX SOUND

- Press to enable or disable the **MAX Sound** feature.

⑳ ⏮ / ⏭

- Tune to a radio station.
- Press to skip to the previous or next track.
- Press and hold to rewind a track or search fast forward.

㉑ RESET

- Press to reset the system to factory default settings.

㉒ Disc slot

3 Install the car audio system

Caution

- Use the controls only as stated in this user manual.

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

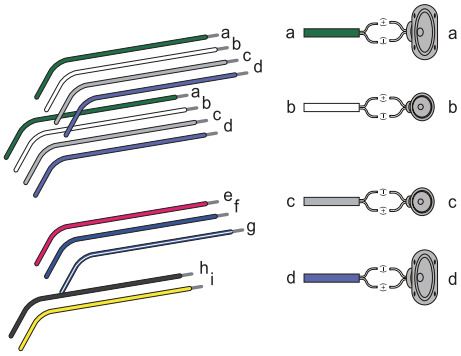
- This system is designed for negative ground (earth) 12V DC operation only.
- Always install this system in the car dashboard. Other locations can be dangerous as the rear of the system heats up during use.
- To avoid short-circuit: before you connect, make sure that the ignition is off.
- Make sure 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 or 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

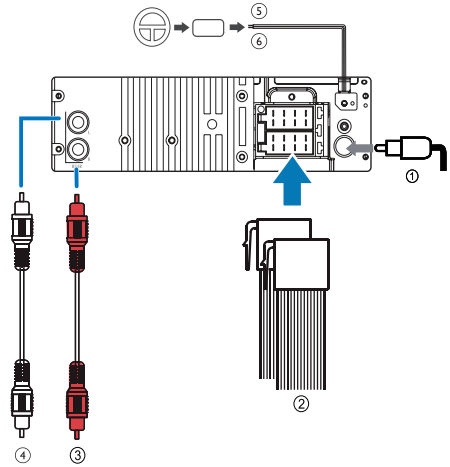
- Consult a professional to connect the unit as instructed below.

1 Check the car's wiring carefully and connect them to the the male connector.



	ISO male connectors	Connect to
a	Green strip, black-edged green strip	Left speaker (Rear)
b	White strip, black-edged white strip	Left speaker (Front)
c	Gray strip, black-edged gray strip	Right speaker (Front)
d	Purple strip, black-edged purple strip	Right speaker (Rear)
e	Red	Ignition key +12V DC when ON/ACC
f	Blue	Motor/electric antenna relay control lead
g	White edged blue strip	Amplifier relay control lead
h	Black	Ground
i	Yellow	To the +12V car battery which is energized at all times

2 Connect the antenna and amplifier as illustrated, if applicable.



	Connector	Connect to
1	ANTENNA	Antenna
2	Socket for ISO male connectors	As indicated in Step 1 above
3	REAR LINE OUT R (Socket)	Rear right speaker
4	REAR LINE OUT L (Socket)	Rear left speaker
5	OE REMOTE (Purple)	OE Remote
6	OE REMOTE (Black strip)	Ground

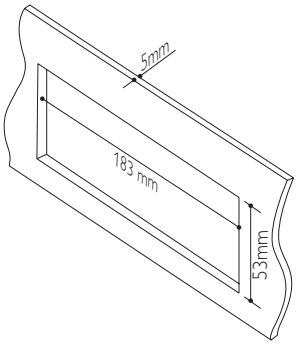
Tip

- The pin arrangement for the ISO connectors depends on the type of vehicle you drive. Be sure to make proper connections to prevent damage to the unit.

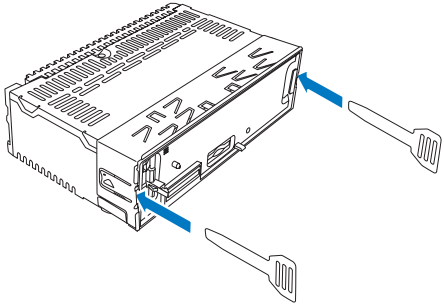
Mount into the dashboard

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, ensure that the bare wires do not touch each other.

2 Ensure that car dashboard opening is within these measurements:



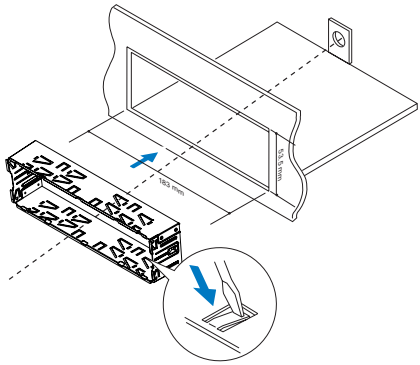
3 Remove the mounting sleeve with the supplied disassembly tools.



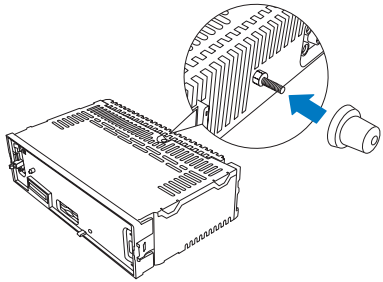
4 Install the sleeve into the dashboard and bend the tabs outward to fix the sleeve.

Note

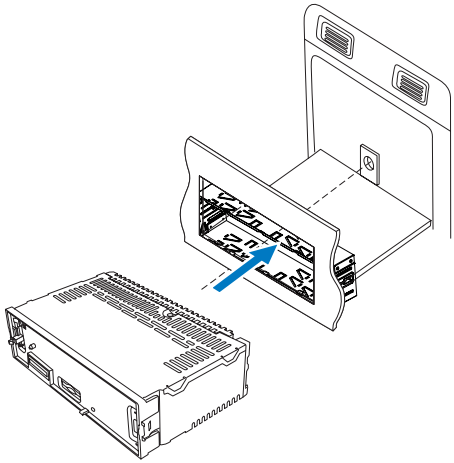
- If the unit is not fixed by sleeve but by the supplied screws, skip this step.



5 Place the supplied rubber cushion over the end of the mounting bolt.



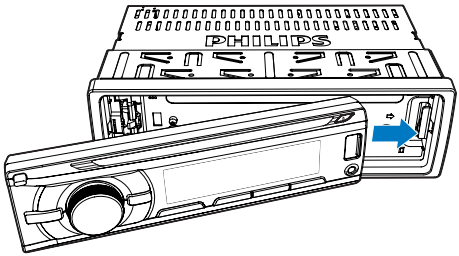
6 Slide the unit into the dashboard until you hear a click sound.



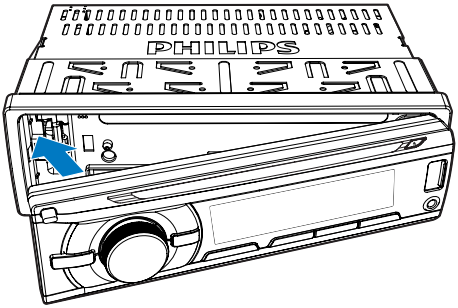
7 Reconnect the negative terminal of the car battery.

Attach the front panel

1 Insert the notch on the front panel to the chassis on the main unit.



2 Press the left end of the front panel inwards until it is securely locked with a "click".

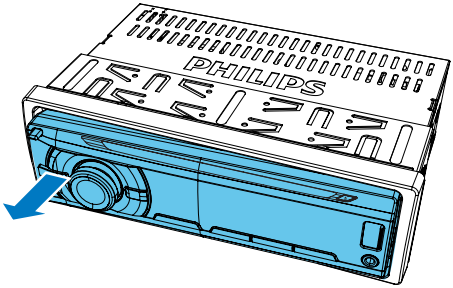


Detach the front panel

Note

- Before you detach the front panel, make sure that the system is turned off.

1 Press ⏏ to release the front panel.
2 Pull the front panel outwards to remove it.



4 Get started

For the first time use

Note

- Select correct country/region for this unit, otherwise the unit can not work properly.

1. Press ⏻ to turn the unit on.
   ↳ [SELECT OPERATING REGION] is displayed.
2. Rotate ⏻ to select an option:
   - [USA] (United States)
   - [LATIN] (Latin America)
   - [EUROPE] (Western Europe)
   - [RUSSIA] (Russia)
   - [MID-EAST] (Middle East)
   - [ASIA] (Pacific)
   - [JAPAN] (Japan)
   - [AUSTRLIA] (Australia)
3. Press ⏻ to confirm.

Set the time format

1. Press and hold MENU.
2. Press ZONE ▲ or ▼ repeatedly until [CLOCK FORMAT] is displayed.
3. Rotate ⏻ to select a setting.
   - [CLK 12H]: 12-hour time format
   - [CLK 24H]: 24-hour time format

Set the clock

1. Press and hold MENU.
2. Press ZONE ▲ or ▼ repeatedly until [CLOCK SET] is displayed.
3. Rotate ⏻ to set the hour.
4. Press ⏻ to confirm.
5. Rotate ⏻ to set the minute.
6. Press ⏻ to confirm.

Display the clock

In any mode, press and hold 🕒 until the clock is displayed.

- Press any key to cancel the clock display.

Turn on

- To turn on the unit, press ⏻.
- To turn off the unit, press and hold ⏻ until the unit is turned off.

Switch music listening zone

Philips' innovative Zone technology enables driver or passengers to enjoy music with the best speakers balance and experience more vivid spacial effect as the artist is intended to create. You can switch the music listening zone from driver to passengers for the best speaker sound settings in car.

1. Press and hold ZONE ▲.
   ↳ The current setting is displayed.
2. Press ZONE ▲ / ▼ to select a setting.
   - [ALL]
   - [FRONT] (Front)
   - [RIGHT] (Right)
   - [LEFT] (Left)

Mute the button beep

Each time you press a button, the unit beeps. You can turn this beep sound on or off.

1. Press and hold MENU.
2. Press ZONE ▲ or ▼ repeatedly until [BEEP TONE] is displayed.
3. Rotate ⏻ to select a setting:
   - [BEEP ON]: turn the beep sound on.
   - [BEEP OFF]: turn the beep sound off.

5 Listen to radio

Tune to a radio station

1 Press **SOURCE** repeatedly to select radio mode.
2 Press ▲ / ▼ repeatedly to select a band: **[FM1]**,**[FM2]**, **[FM3]**, **[AM1]**, or **[AM2]**.
3 Press and hold ⏮ or ⏭ until the frequency digit is flashed.
4 Press ⏮ or ⏭ to tune to a radio station manually.
↳ The radio station is broadcast.

- To search for a radio station automatically, press ⏮ or ⏭.

Select tuner region

You can select suitable country/region of the radio.

1 Press and hold MENU.
2 Press ▲ or ▼ repeatedly until **[AREA]** is displayed..
3 Rotate ⏻ to select a region.
- **[USA]** (United States)
- **[LATIN]** (Latin America)
- **[EUROPE]** (Western Europe)
- **[RUSSIA]** (Russia)
- **[MID-EAST]** (Middle East)
- **[ASIA]** (Asia Pacific)
- **[JAPAN]** (Japan)
- **[AUSTRLIA]** (Australia)

4 Press ⏻ to confirm.

Select tuner sensitivity

To receive more radio stations or only stations with strong signal, you can adjust the tuner sensitivity.

1 Press and hold MENU.
2 Press ▲ or ▼ repeatedly until **[LOCAL]** is displayed.
3 Rotate ⏻ to select a setting.
- **[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.

Store radio stations in memory

You can store up to 6 stations in each band.

Store stations automatically

- In Radio mode, press and hold **AS** until **[STORE - - -]** is displayed.
↳ The six strongest stations of the selected band are saved in preset channel automatically.

Store stations manually

1 Tune to a station that you want to store.
2 Press a numeric button for 3 seconds.
↳ The station is saved in the selected channel.

Tune to a preset station

- Press a numeric key to select a preset station.

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 are displayed.

Turn on RDS

Note

- The default setting for RDS is on.

1 Press and hold MENU.
2 Press ZONE ▲ or ▼ repeatedly until [RDS] is displayed.
3 Rotate ⏻ to select [RDS ON].
↳ The RDS function is turned on.

Select program type

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

1 Press and hold MENU..
2 Press ZONE ▲ or ▼ repeatedly until [PTY] is displayed.
3 Press ⏻ to confirm.
4 Rotate ⏻ to select a type, then press ⏻ to confirm.

Item	Program type	Description
1	NEWS	News services
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
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 Press and hold MENU.
2 Press ZONE ▲ or ▼ repeatedly until [AF] is displayed.
3 Rotate ⏻ to select a setting.
- [AF ON]: turn AF mode on.
- [AF OFF]: turn AF mode off.

Set region for AF tuning

You can define AF tuning region:

[REG ON]	Only stations in current region can be tuned to automatically.
[REG OFF]	All stations can be tuned to automatically.

1 Press and hold MENU.
2 Press ZONE ▲ or ▼ repeatedly until [REG] is displayed.
3 Rotate ⏻ to select a setting.

Receive traffic announcement

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

1 Press and hold MENU.
2 Press ZONE ▲ or ▼ repeatedly until [TA] is displayed.
3 Rotate ⏻/🔇 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 current received TA signal remains weak for over 120 seconds, the unit will activate TA Seek mode automatically. The TA Seek will seek for other station with good condition of TA signal.

Tip

- When a traffic announcement cuts in, user can press MENU to terminate the traffic announcement, and the unit will resume to 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 Press and hold MENU.
2 Press ZONE ▲ or ▼ repeatedly until [CT] is displayed.
3 Rotate ⏻/🔇 to select a setting:
- [CT ON]: Turn on the RDS clock. Time shown on the unit synchronizes with that on the RDS station.
- [CT OFF]: Turn off the RDS clock.

Tip

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

6 Play from hard media

You can use this system to listen to audios that are stored on a compatible disc or USB storage device.

Play a disc

Note

- You cannot play a CD encoded with copyright protection technologies.
- Ensure that the disc contains playable content.

Insert a CD with the printed side facing up.
↪ Play starts automatically.

- To pause CD play, press ⏯ 6.
- To resume CD play, press ⏯ 6 again.
- To skip to the previous/next track, press ⏮ or ⏭.
- To search backward/forward rapidly within the current track, press and hold ⏮ or ⏭.
- To eject the CD, press ⏏ on the front panel.

Tip

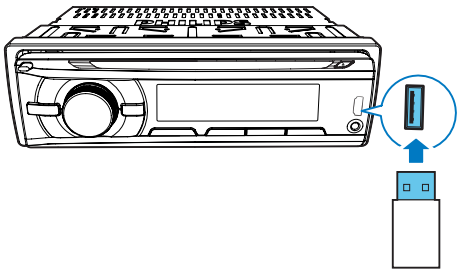
- If the disc is blocked in the disc compartment, press and hold ⏏ until the disc comes out.

Play from a USB storage device

This system can play .mp3 and .wma files that are copied onto a compatible storage device.

Note

- Gibson Innovations does not guarantee compatibility with all storage devices.
- NTFS (New Technology File System) file system is not supported.



1 Connect a compatible USB storage device.
2 Press **AS/SOURCE** repeatedly to switch the source to **[USB]**.
3 If the play does not start, press ⏯ 6.

Control play

Button	Function
▲ ZONE / ▼	Press repeatedly to select a folder.
⏯ 6	Start, pause or resume play.
⏮ / ⏭	Press to play the previous or next track.
⏮ / ⏭	Press and hold to rewind a track or search forward fast.
DISP	Press repeatedly to display available information about the current track.
3 REP	Press repeatedly to select a repeat mode: • **[REP TRK]** (repeat one track): play current track repeatedly. • **[REP FLD]** (repeat a folder): play all tracks in the current folder repeatedly. • **[REP ALL]** (repeat all tracks): play all tracks repeatedly.
SHUF 4	Press repeatedly to select a play mode: • **[SHUF FLD]**: start random play for all tracks in the current folder. • **[SHUF ALL]**: start random play for all tracks. • **[SHUF OFF]**: cancel shuffle play.

Switch tracks

During play, you can switch tracks or folders quickly.

Switch tracks directly

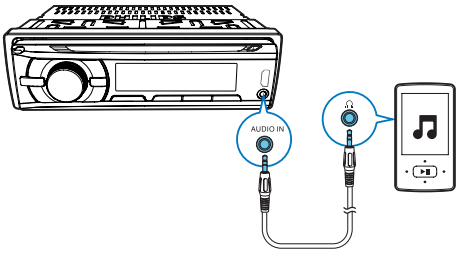
1 Press 1 ♫ to access the track list.
↳ The file name of current track scrolls.
2 Rotate ⏻🔇 to toggle through tracks.
3 Press ⏻🔇 to play the selected track.

Switch folders for a track

1 Press 2 to access the folder list.
↳ The name of current folder scrolls.
2 Rotate ⏻🔇 to toggle through folders.
3 Press ⏻🔇 to select the folder.
↳ The system starts playing the first track under the folder.

7 Listen to an external player

You can use the system to amplify the audio input from an external player, for example, MP3 player.



1 Press AS/SOURCE repeatedly to switch the source to [AUDIO IN].

2 Connect an audio input cable with a 3.5 mm connector on both ends between
- the AUDIO IN socket on the front panel, and
- the audio output socket (usually the headphone socket) on the external player.

3 Play audio on the external player.

8 Charge your USB device

You can charge your USB device, for example, smart phone, with this product.

Note

- The output voltage through the USB socket is 5 V with output current 1.0 A.

Connect your USB device to this product with USB cable. Once the USB device is connected and recognized, it begins to charge automatically.

9 Adjust sound

The following operations are applicable to all supported media.

Button	Function
	Rotate to increase or decrease the volume level.
	Press to mute or restore sound.
MAX SOUND	Press to enable or disable the **MAX Sound** feature.
DBB	Press to enable or disable the Dynamic Bass Boost (DBB) effect.
EQ AUDIO	Press to select a preset sound equalizer. • **[OPTIMAL]** (optimal) • **[FLAT]** (flat) • **[POP]** (pop) • **[USER]** (user) • **[TECHNO]** (techno) • **[ROCK]** (rock) • **[CLASSIC]** (classic) • **[JAZZ]** (jazz)
EQ AUDIO	1 Press and hold to activate the setup of customized sound equalizer. 2 Press ▲ ZONE or ▼ repeatedly to select the item to be adjusted: • **[BASS]** (bass) range: -7 to +7. • **[TREBLE]** (treble) range: -7 to +7. • **[BAL]** (balance) range: 12L to 12R. (L = left speaker, R = right speaker) • **[FADER]** (fader) range: 12R to 12F. (R = rear speaker, F = front speaker) 3 Rotate to select a value.

10 Adjust system settings

1 Press ↩ MENU to access system settings.

2 Press ▲ ZONE or ▼ repeatedly until one of the following settings scrolls.
- **[BEEP TONE]**, **[DIMMER]**, **[DEMO]**, **[BLACK OUT]**, or **[DANCE]**

3 Rotate to change the setting.

[BEEP TONE]	[BEEP ON]	Enable the beep sound of buttons.
	[BEEP OFF]	Disable the beep sound of buttons.
[DIMMER]	[DIMMER HIGH]	Increase the brightness level of the screen.
	[DIMMER LOW]	Decrease the brightness level of the screen.
[DEMO]	[DEMO ON]	Demonstrate all features after the system stays inactive for 2 minutes.
	[DEMO OFF]	Disable the demo mode.
[BLACK OUT]	[BKO 10 S]	Turn off the screen automatically 10 seconds after last operation.
	[BKO 20 S]	Turn off the screen automatically 20 seconds after last operation.
	[BKO OFF]	Never turn off the screen.

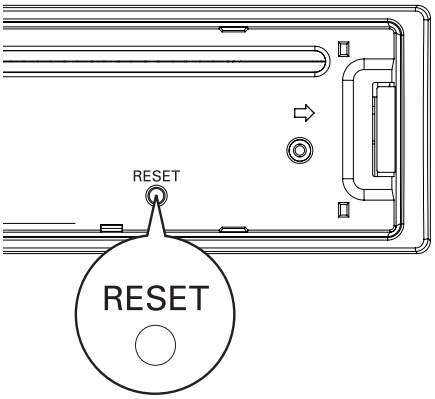
[DANCE]	[DANCE ON]	Enable the spectrum on the LCD display.
	[DANCE OFF]	Disable the spectrum on the LCD display.

11 Others

Reset

You can reset the unit to its default setting.

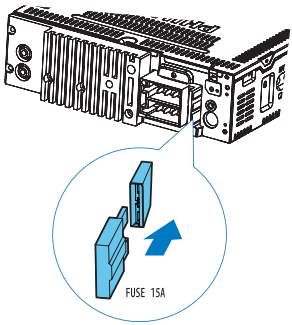
1. Detach the front panel.
2. Press the reset button by using a ball-point pen or a similar tool.
   ↳ Preset adjustments such as preset channels and sound adjustments are erased.



Replace fuse

If there is no power, check the fuse and replace if it is damaged.

1. Check the electric connection.
2. Remove the damaged fuse from the rear panel.
3. Insert a new fuse with the same specification (15 A).



Note

- If the new fuse gets damaged again, there may be an internal malfunction. Consult your local retailer.

12 Product information

Note

- Product information is subject to change without prior notice.

General

Power supply	12 V DC (11 V - 16 V), negative ground
Fuse	15 A
Suitable speaker impedance	4 - 8 Ω
Maximum power output	50 W x 4 channels
Continuous power output	22 W x 4 RMS (4 Ω 10% T.H.D.)
Pre-Amp output voltage	2.5 V
Aux-in level	≥ 500 mV
Dimensions (W x H x D)	181.5 x 52 x 191.4 mm
Weight	1.47 kg

Radio

Frequency range - FM	87.5 - 108.0 MHz (100kHz per step in auto search and 50kHz per step in manual search)
Frequency range - AM(MW)	522 - 1620 KHz (9 kHz) 530 - 1710 kHz (10 kHz)
Usable sensitivity - FM	8 µV
Usable sensitivity - AM(MW) (S/N = 20 dB)	30 µV

13 Troubleshooting

Warning

- Never remove the casing of this product.

To keep the warranty valid, never try to repair the product yourself.
If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page (www.philips.com/support). When you contact the Consumer Care, make sure that the product is nearby and the model number and serial number are available.

No power or no sound.

- Car engine is not on. Turn the car engine on.
- Cable is not correctly connected. Check connections.
- Fuse is burnt. Replace fuse.
- Volume is too low. Adjust volume.
- If the above solutions cannot help, press **RESET** button.
- Ensure that the track played is of a compatible format.

Noise in broadcasts.

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

Cannot play disc

- Ensure that the disc label is inserted with the printed side facing up.
- Wipe the disc with fibre cleaning cloth from the centre to the edge in a straight line.
- This disc may be defective. Play another disc.
- Ensure that the CD is a finalised CD/ CD-R/CD-RW.
- Ensure that the CD is not encoded with copyright protection technologies.

The CD skips tracks

- Ensure that the CD is not damaged or dirty.
- Ensure that random mode is deactivated.

Disc cannot be ejected

- Press and hold ⏏.

Preset stations lost.

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

Display show ERR-12

- USB data error. Check the USB device.

14 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.

Compliance

This apparatus includes this label:

Care of the environment

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.

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, exhausted batteries and old equipment.

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