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CE233



User manual

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1 Safety

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

- Modification of the product could result in hazardous radiation of EMC or other unsafe operation.
- The device 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 circuits, do not expose the device 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.
- Clean the device with soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the device.

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 this system, you can:

- enjoy audio from USB storage devices, SD card, SDHC card, and other external players, and
- listen to radio stations.

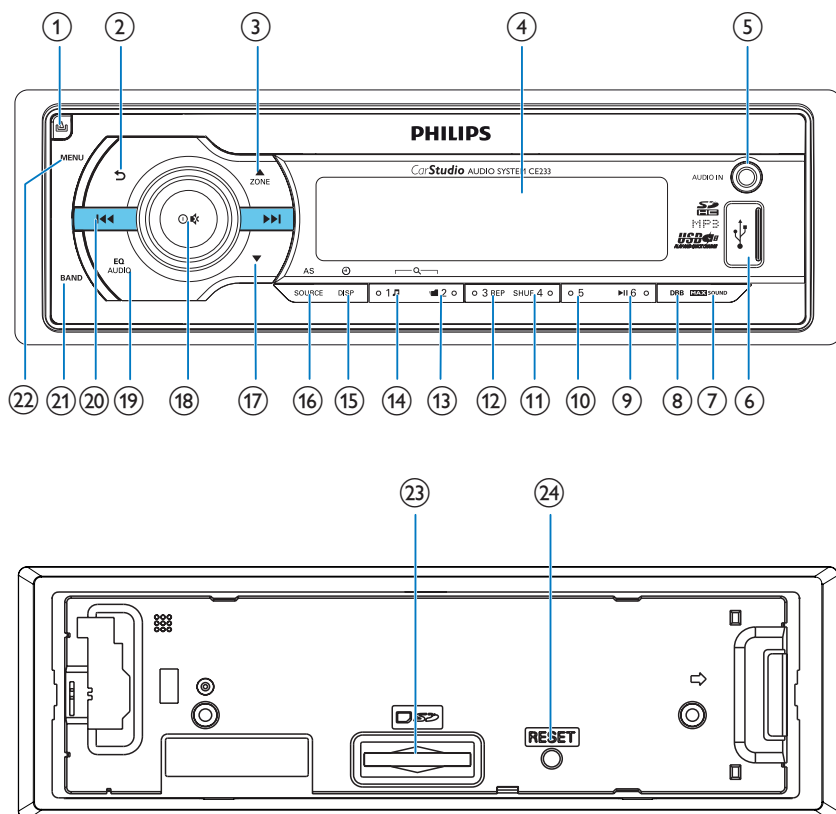
You can enrich sound output with these sound effects:

- Dynamic bass boost (DBB)
- Digital sound control (DSC)

Playable media:

- USB storage device
 - Compatibility: USB 2.0, USB 1.1
 - Class support: MSC (Mass Storage Class)
 - Maximum capacity: 32 GB
- SD/SDHC card

Overview of the system



⑨

- 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 .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]).

②①

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

②② **BAND**

- Press repeatedly to select a tuner band.

②③ **MENU**

- Press to access the system menu.

②④

- Insert an SD/SDHC card.

②⑤ **RESET**

- Press to

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.

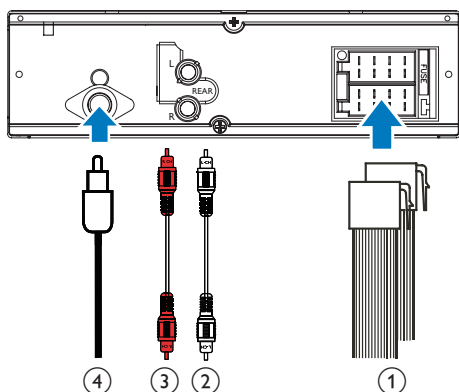
These instructions are for a typical installation. However, if your car has different requirements, make the adjustment accordingly. If you have any question regarding installation kits, consult your local retailer.

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

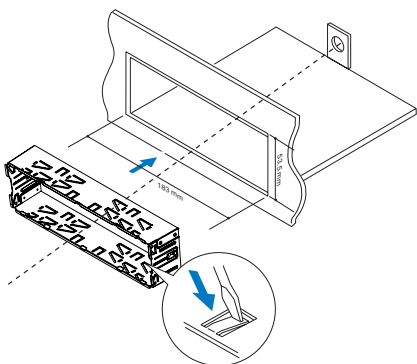
ISO male connectors		Connect to
i	Yellow strip	To the +12V car battery which is energized at all times

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

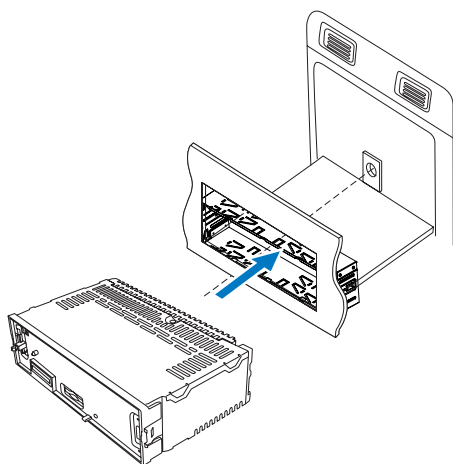


Sockets on rear panel	External sockets or connectors
1	For ISO male connectors
2	REAR L
3	REAR R
4	ANTENNA

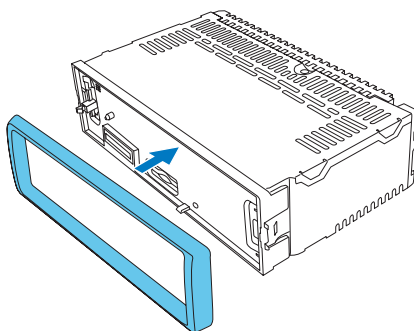
- 3 Install the sleeve into the dashboard and bend the tabs outward to fix the sleeve.



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



- 5 Attach the trim plate.



- 6 Reconnect the negative terminal of the car battery.

Attach the front panel

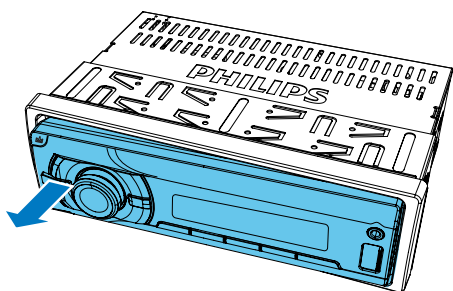
Detach the front panel



Note

- Before you insert an SD/SDHC card or reset the system, detach the front panel.
- 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

Set the clock

- 1 Press **MENU** to access the system menu.
- 2 Press **▲** / **▼** repeatedly until **[CLK]** is displayed with time digits blinking.
- 3 Rotate **⌚** anti-clockwise to set the hour.
- 4 Rotate **⌚** clockwise to set the minute.

Display the clock

Press and hold **⊕/DISP** until **[CLK]** and the set clock are displayed.

- To exit the clock display, press any button or rotate **⌚**.

Select a source

Press **AS/SOURCE** repeatedly to select a source.

- **[RADIO]**: Listen to FM/AM radio.
- **[AUDIO IN]**: Listen to

5 Listen to radio

Switch to radio mode

- 1 Press **AS/SOURCE** repeatedly to switch the source to **[RADIO]**.
- 2 Press **▲** / **▼** / **BAND** repeatedly to select a band.

Select a tuner region

You can select a radio region that matches your location.

- 1 Press **MENU** to access the system menu.
- 2 Press **▲** / **▼** repeatedly until one of the following options is displayed.
 - **[AREA EUROPE]** (Western Europe)
 - **[AREA ASIA]** (Asia Pacific)
 - **[AREA MID--EAST]** (Middle East)
 - **[AREA AUST]** (Australia)
 - **[AREA RUSSIA]** (Russia)
 - **[AREA USA]** (United States)
 - **[AREA LATIN]** (Latin America)
 - **[AREA JAPAN]** (Japan)
</

- 3 Press and hold **1** **2** **3** **REP, SHUF** **4**, **5**, or **▶16** to store the radio station at the selected channel.
 - To select a stored radio station, press **1** **2** **3** **REP, SHUF** **4**, **5**, or **▶16**.

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.

Enable the RDS function



Use alternate frequencies

If the signal of an RDS station is poor, enable the AF (Alternate Frequency) function to search for another station that broadcasts the same program.

- 1 Press **MENU** to access the system menu.
- 2 Press $\triangle_{\text{ZONE}} / \blacktriangledown$ repeatedly until **[AF ON]** or **[AF OFF]** is displayed.
- 3 Rotate $\odot$ to select a setting.
 - **[AF ON]**: Enable the AF function.
 - **[AF OFF]**: Disable the AF function.

Set the region for AF tuning

You can set the region for AF tuning.

- 1 Press **MENU** to access the system menu.
- 2 Press $\triangle_{\text{ZONE}} / \blacktriangledown$ repeatedly until **[REG ON]** or **[REG OFF]** is displayed.
- 3 Rotate $\odot$ to select a setting.
 - **[REG ON]**: Only RDS stations in current

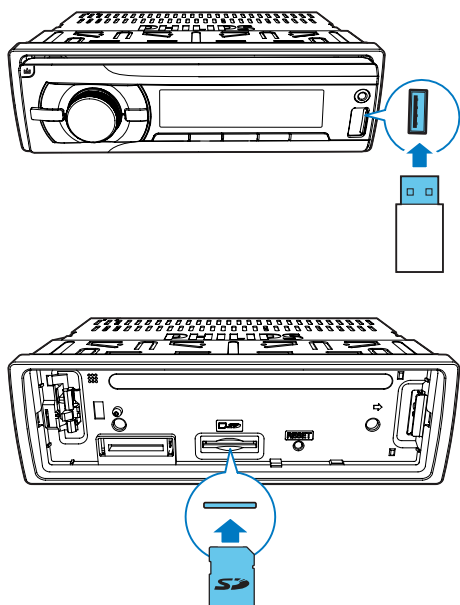
6 Play from a storage device

This system can play .mp3 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 or SD/SDHC card.
 - For an SD/SDHC card, detach the front panel first, insert the card into the

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 **1** 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;

8 Adjust sound

The following operations are applicable to all supported media.

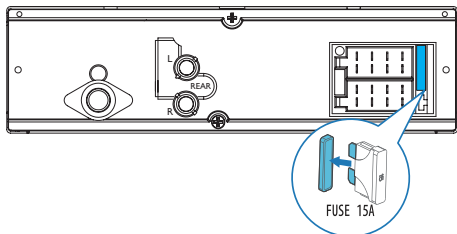
Button	Function
⊖ 🔊	Rotate to increase or decrease the volume level.
⊖ 🔊	Press to mute the speakers or release them from mute status.
MAX SOUND	Press to enable or disable the MAX Sound feature.
DBB	Press to enable or disable the Dynamic Bass Boost (DBB) effect.
EQ AUDIO	Press repeatedly to select a sound equalizer.
EQ AUDIO	1 Press and hold to activate the setup of customized sound equalizer. 2 Press repeatedly to select an option: [BAS] (bass), [TRE] (treble), [BAL] (balance), or [FAD] (fader). 3 Rotate ⊖ 🔊 to adjust the setting.

9 Additional information

Replace the fuse

If there is no power, check the fuse and replace it 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 specifications (15 A).



Note

- If the fuse gets damaged immediately after it is replaced, an internal malfunction may occur. In such case, consult your local retailer.

10 Product information

11 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.

- The power supply from car battery is cut off, or the car battery runs out of energy. Power the system with car battery.
- Car engine is not on. Turn the car engine on.
- Cable is not correctly connected. Check connections.
- The fuse is burnt. Replace the fuse

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