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CE150



EN User manual

PHILIPS

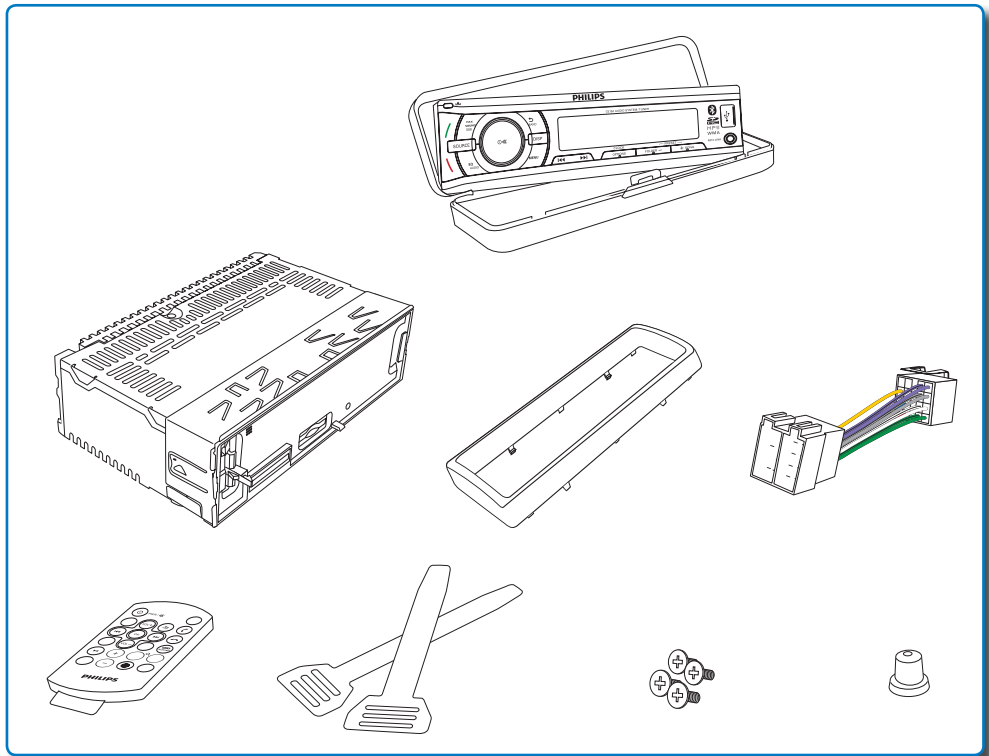
Congratulations on your purchase, and welcome to Philips!

To fully benefit from the support that Philips offers, register your product at www.Philips.com/welcome. Read this user manual carefully before you install and use the unit. Save it for future reference.

Introduction

With the in-car audio system, you can enjoy your drive while you listen to:

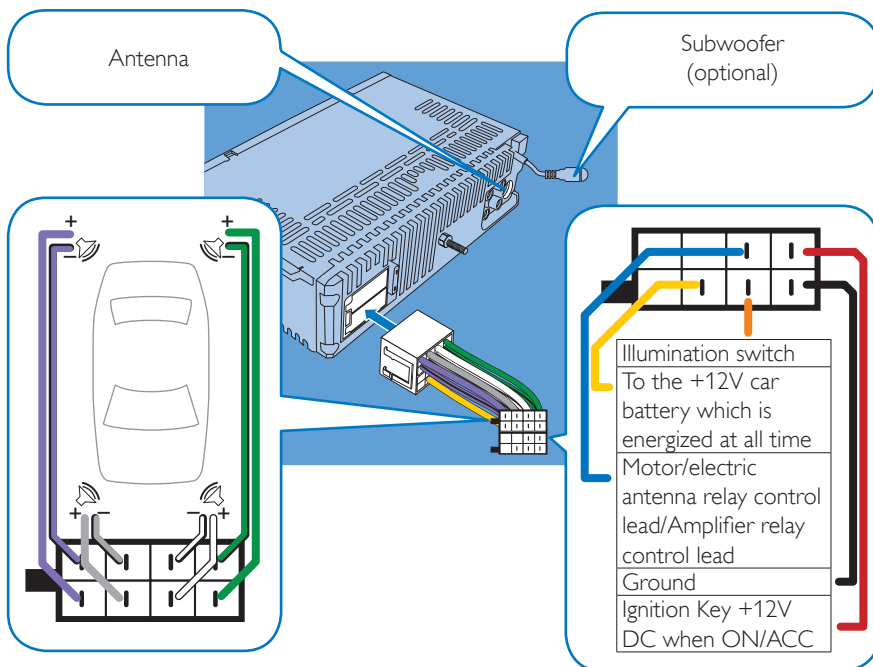
- FM or AM (MW) radio
- Audio from a USB drive
- Audio from a SD/SDHC card
- Audio from external devices



1

Connect

(A)



Caution

Ensure that all leads are insulated with electrical tape.



Note

Consult a professional to connect CE150 different from user manual instructions.

Antenna

Subwoofer
(optional)

or

Illumination switch
To the +12V car battery which is energized at all time
Motor/electric antenna relay control lead/Amplifier relay control lead
Ground
Ignition Key +12V DC when ON/ACC

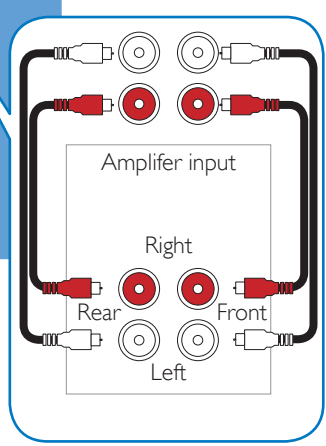
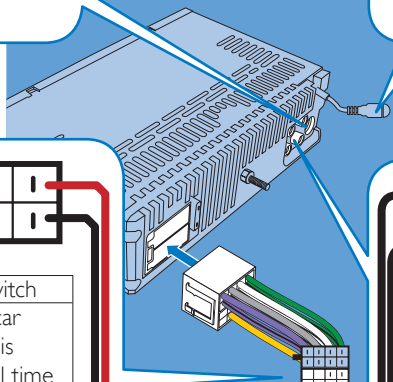
Amplifier input

Right

Rear

Front

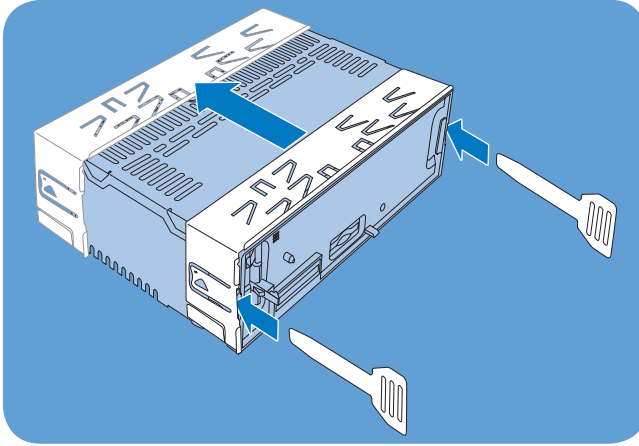
Left



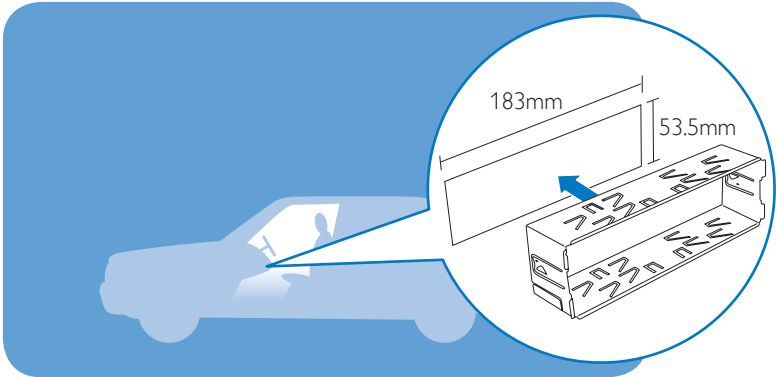
2

Mount into dashboard

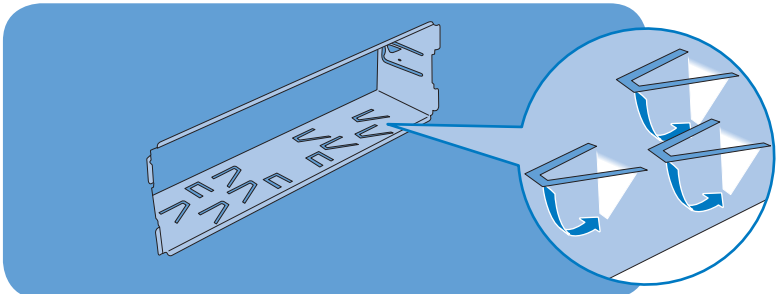
(A)



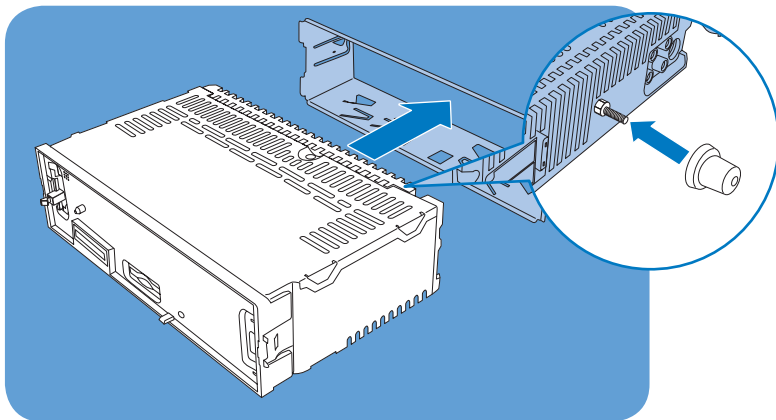
(B)



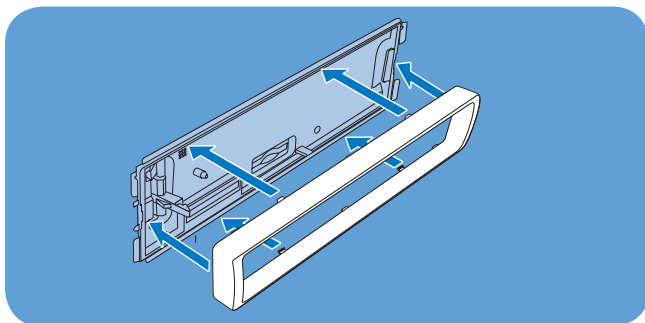
(C)



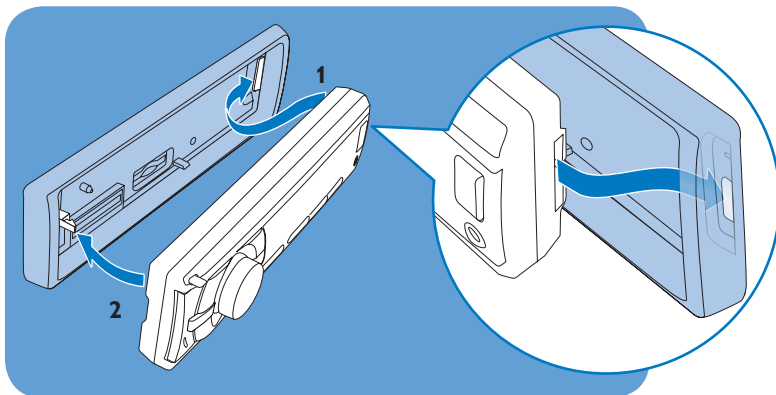
D



D

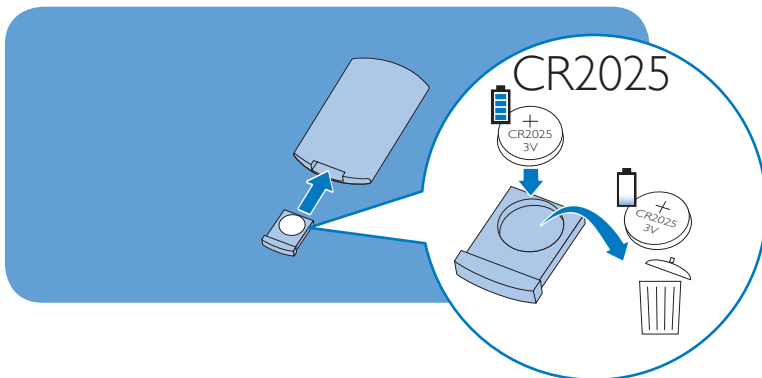
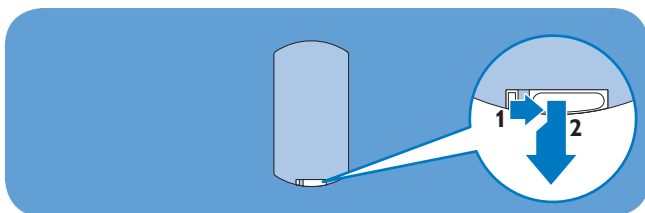
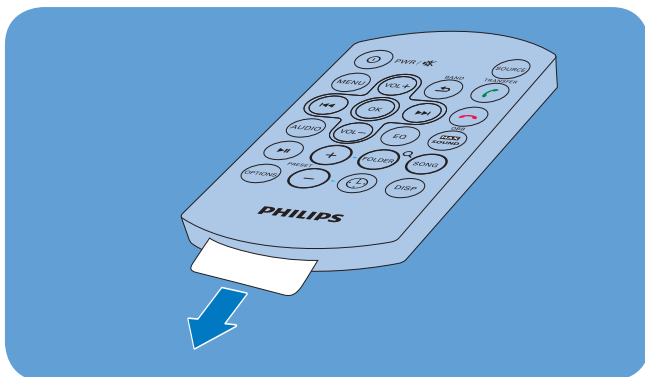


E





Remote control



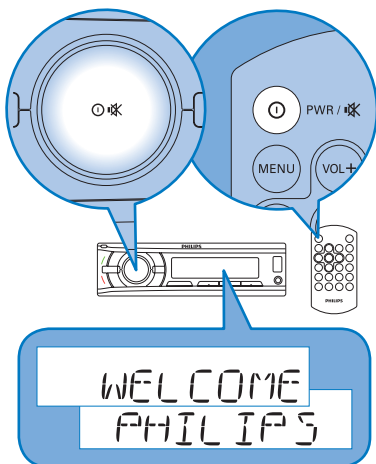
3

Get started



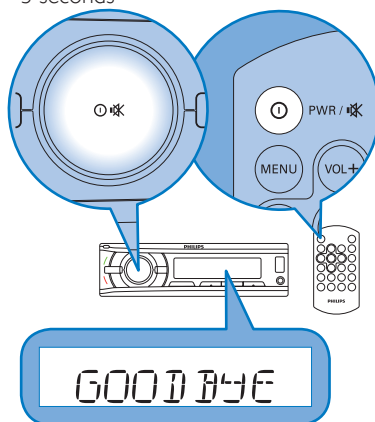
Turn on / Turn off

Turn on

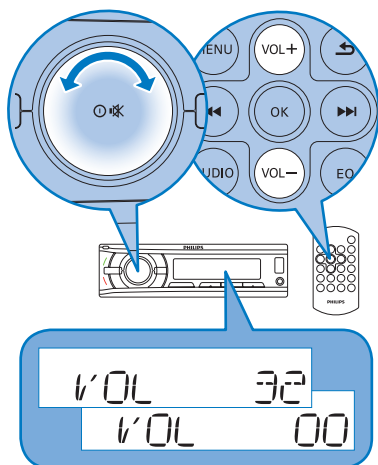


Turn off

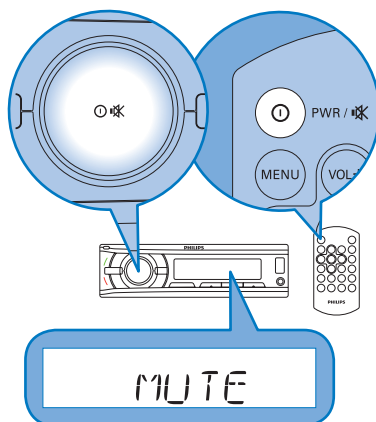
3 seconds



Adjust volume

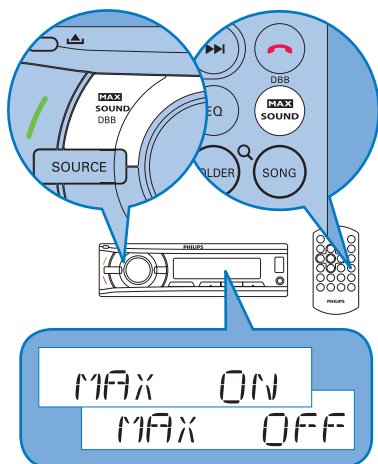


Mute

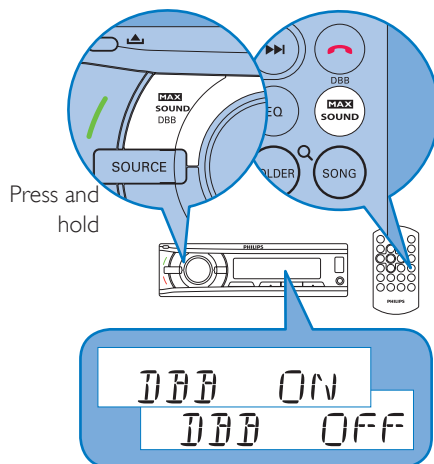




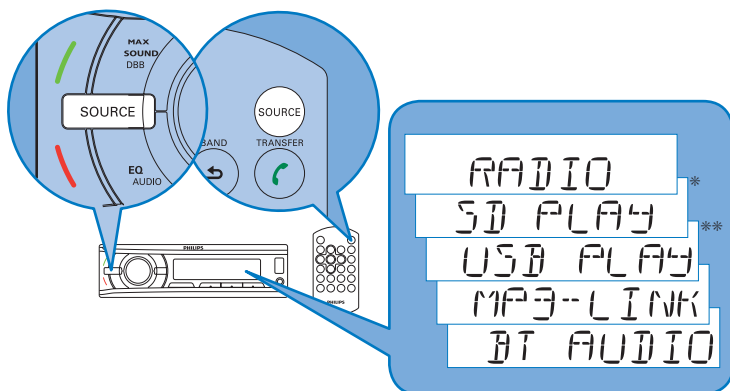
Maximizing volume



Dynamic Bass Boost



Source

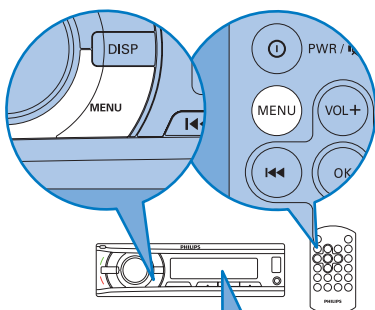


* if SD card is inserted

** if USB device is inserted



Adjust system settings



MENU RE--CON--
DIS--CON--

MENU BT BT ON
BT OFF
Bluetooth

MENU AREA AREA USA Latin Europe Russia
LAT EUR RUS

MENU CLK SET Area: USA, Latin Area: Europe, Russia
CLK 12:00 CLK 00:00
Set clock CLK 12:00 CLK 00:00

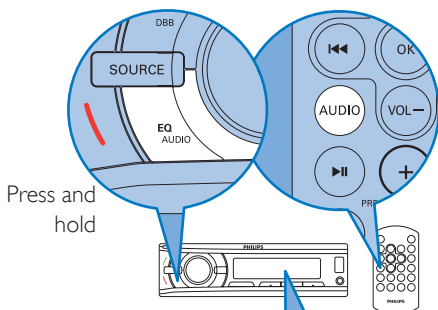
MENU BEEP BEEP ON
BEEP OFF

MENU BKO BKO OFF
BKO 10 S BKO 20 S

MENU DEMO DEMO ON
DEMO OFF



Adjust sound settings



BASS

BAS +7
BAS 0
BAS -7

TREBLE

TRE +7
TRE 0
TRE -7

BALANCE

BAL 12R
BAL 0
BAL 12L

FADER

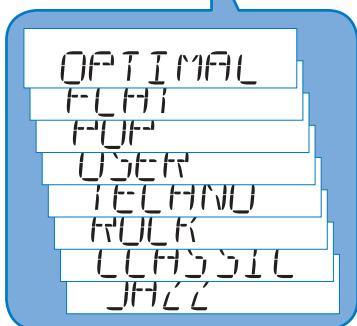
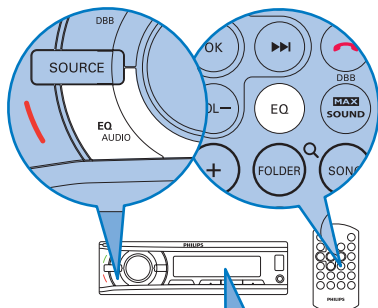
FAD 12F
FAD 0
FAD 12R

SUBWF
Subwoofer

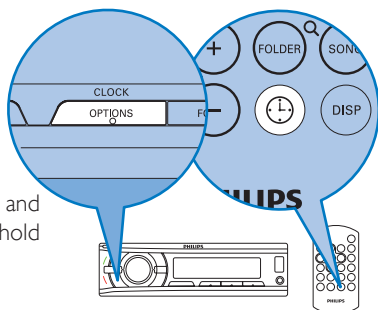
SUBW ON
SUBW OFF



Equalizer



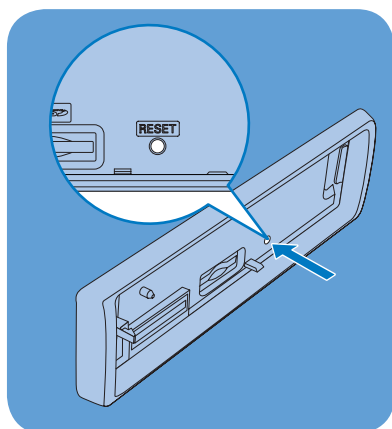
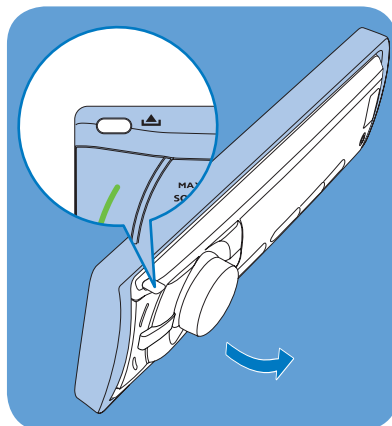
View clock



Press and hold



Reset



! Caution

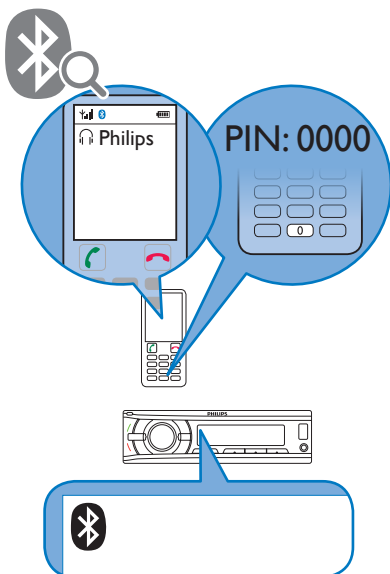
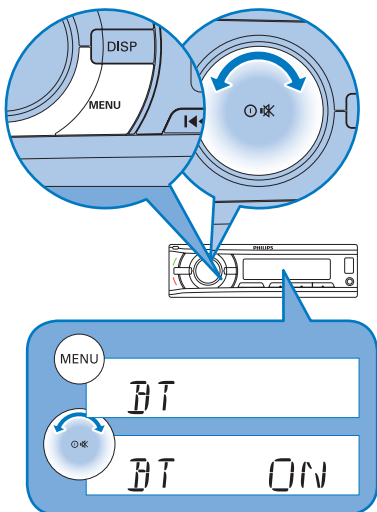
Once it is restore, it cannot be undone.



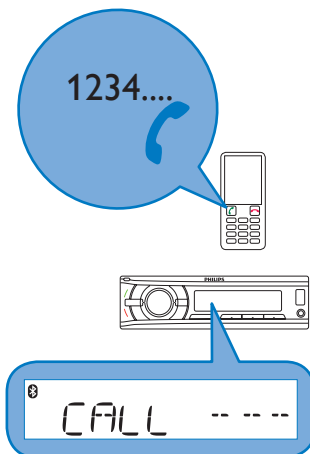
Connect Bluetooth



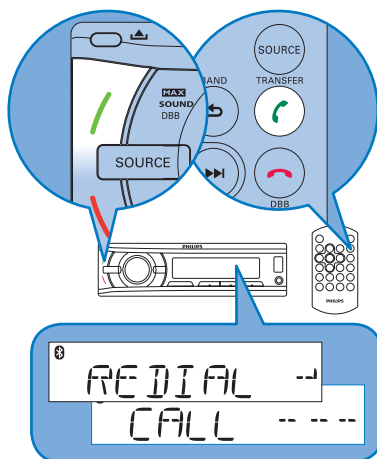
Pairing



Make a call

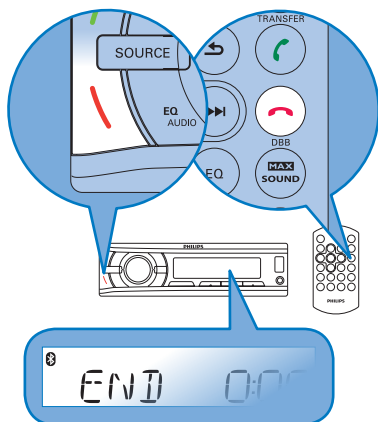


Redial

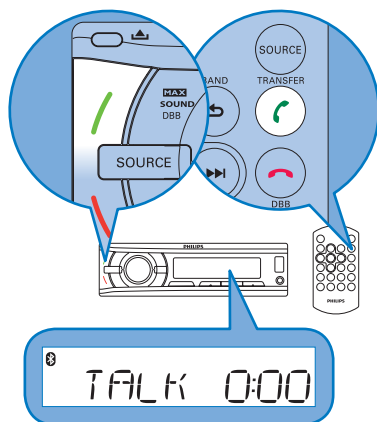




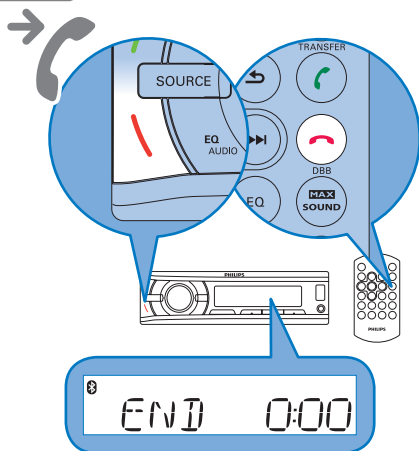
End a call



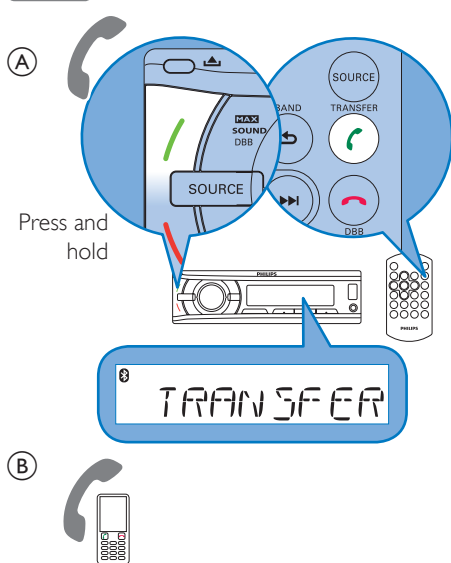
Answer a call



Reject a call

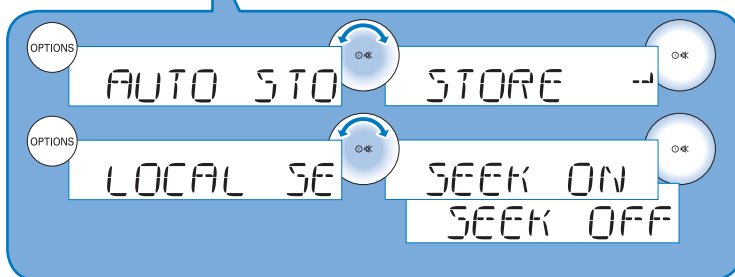
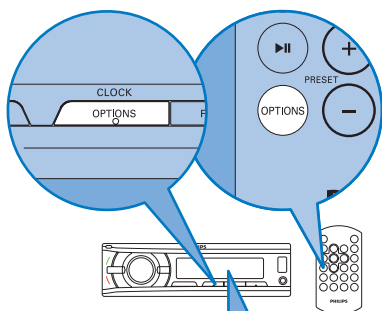


Transfer a call

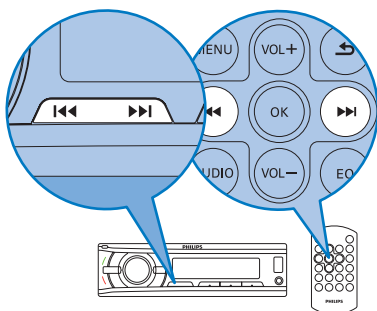




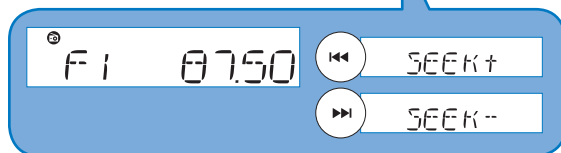
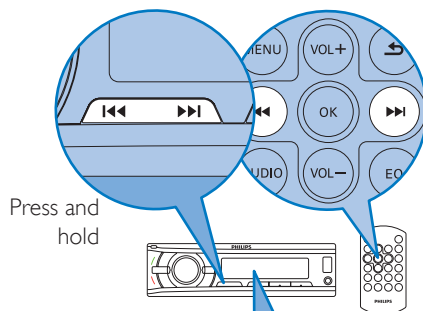
Radio



Manual tune

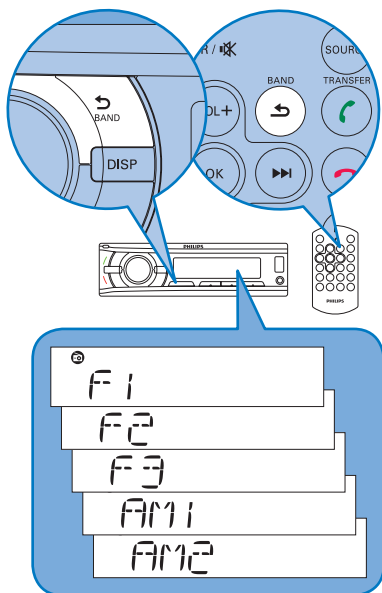


Auto tune

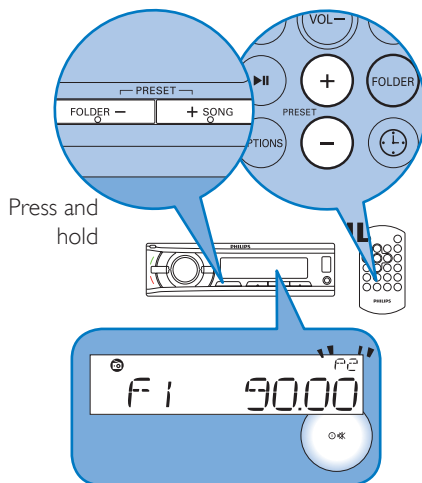




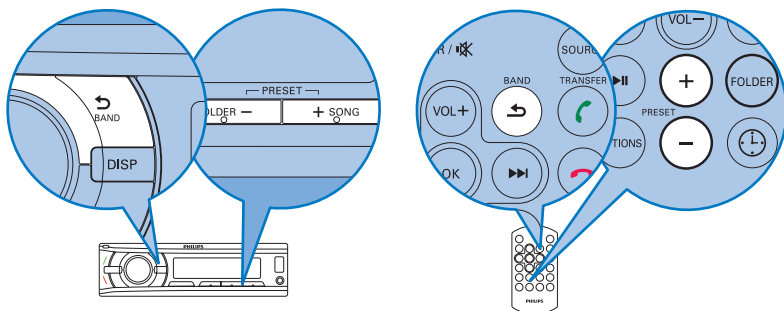
Select band



Preset station



Play preset station

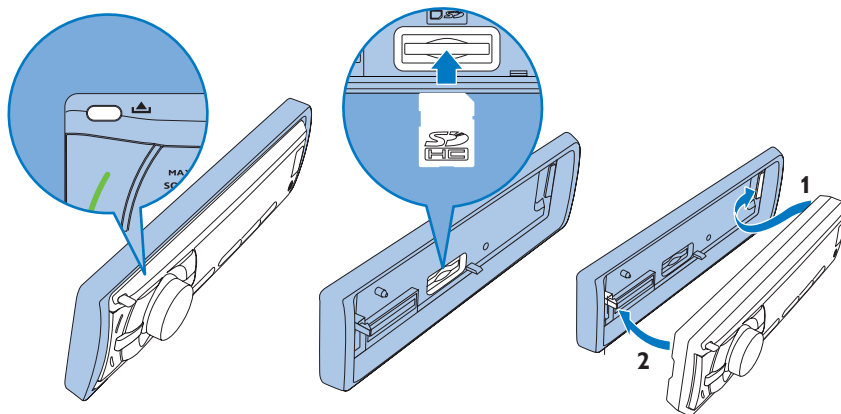




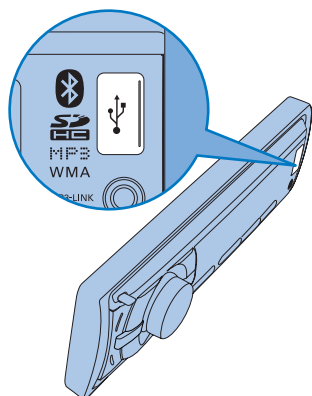
SD card / USB



Insert SD card

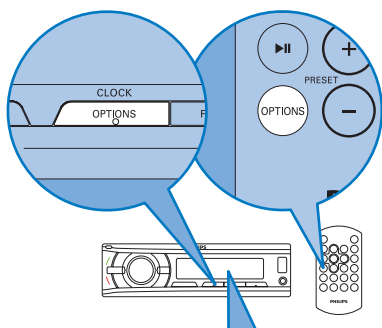


Insert USB device





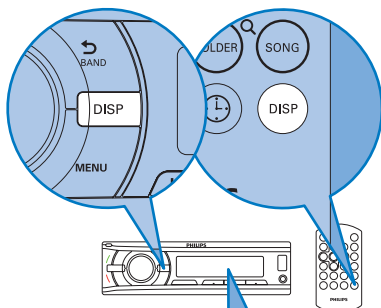
Play option



OPTIONS	REPEAT	RPT ALL RPT TRK RPT FLI
OPTIONS	RANDOM	RIM ALL RIM OFF RIM FLI
OPTIONS	INTRO	INT ALL INT OFF INT FLI



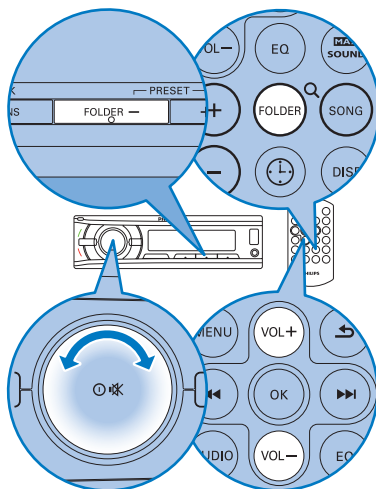
Song information



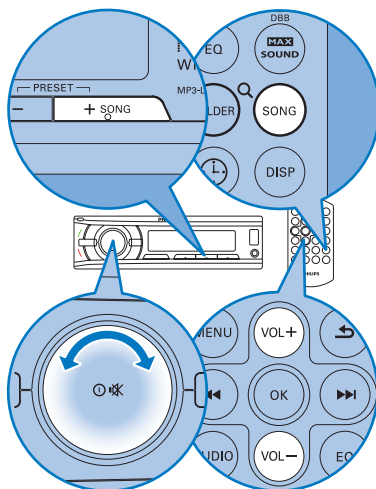
DISP	Track number and elapsed play time
DISP	Folder
DISP	File
DISP	Album
DISP	Title
DISP	Artist



Search folder



Search track

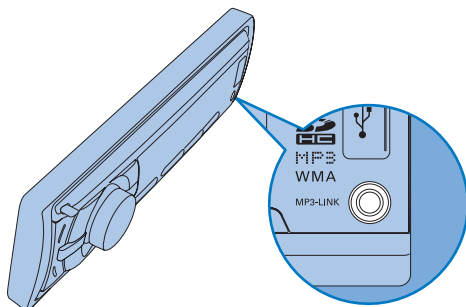




MP3-Link



Listen to other source



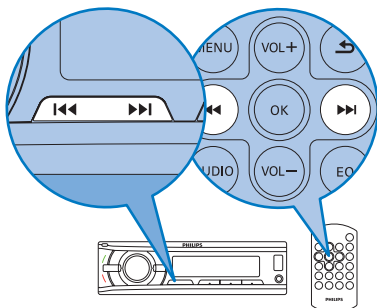
SD card / USB



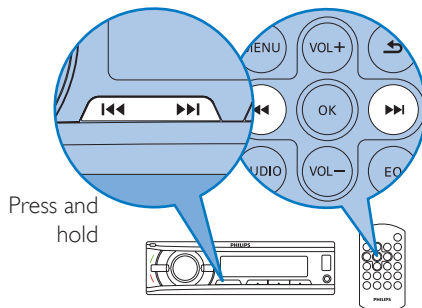
Bluetooth audio



Skip track



Search within a track





Product information



Note

Product information is subject to change without prior notice.

Power supply	12VDC (11V-16V), negative ground
Fuse	15A
Suitable speaker impedance	4 - 8 Ω
Maximum power output	45 W $\times$ 4 channels
Continuous power output	22 W $\times$ 4 RMS (4 Ω 10% T.H.D.)
Pre-Amp output voltage	2.5 V
Aux-in level	$\geq$ 500 mV
Dimensions (W $\times$ H $\times$ D)	188 $\times$ 58 $\times$ 140 mm
Weight	0.8 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)
Usable sensitivity - FM	530 - 1710 kHz (10 kHz)
Usable sensitivity - AM(MW) (S/N = 20 dB)	8 μ V
	30 μ V

Bluetooth

Output power	0 dBm (Class 2)
Frequency band	2.4000 GHz - 2.4835 GHz ISM Band
Range	3 meters(free space)
Standard	Bluetooth 2.0 specification

Compatible USB devices

- USB flash memory: USB 1.1 host with interface reading all speed support (1.1, 2.0)
- USB flash players: USB 1.1 host with interface reading all speed support (1.1, 2.0)
- memory cards (SD / SDHC)

Supported formats

- USB or memory file format: FAT16, FAT32
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA V4, V7, V8, V9 (L1, L2)
- Maximum title number: 512 (depending on file name length)
- Maximum album number: 255
- Supported sampling frequencies: 2 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 2~256 (kbps), variable bit rates
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: USB maximum 199
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length 64 bytes)

Unsupported formats

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format



Troubleshooting



Caution

Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/support). When you contact Philips, ensure that your apparatus 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 the 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.

Preset stations lost

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

Display show ERR-1

- The disc, USB or SD device cannot be read in two minutes.

Display show ERR-3

- USB/SD data error.

Display show ERR-5

- Communication error or component is damaged.

About Bluetooth device

Cannot pair the Bluetooth enabled device with the car audio 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 for how to enable the function.

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

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

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

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

The paired mobile phone connects and disconnects constantly.

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



Important

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, remote control or remote control batteries 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.
- Risk of damage to the apparatus screen! Never touch, push, rub or strike the screen with any object.



Caution

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

Notice

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

Recycling



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:



Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste. Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.



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Specifications are subject to change without notice

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