

### Radio

**End a call**

**Answer a call**

**Reject incoming call**

**Transfer a call**

**Select band**

**Preset station**

**Manual tune**

**Auto tune**

**Tune to a radio station**

**Insert SD card**

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### SD card / USB

**Insert SD card**

**Play option**

**Insert USB device**

**User manual**

### MP3-Link

**View play information**

**Folder search**

**Listen to other source**

**SD card / USB**

**Song search**

**Bluetooth audio**

**Skip track**

**Search within a track**

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## Product information

### Note

Product information is subject to change without prior notice.

Power supply 12VDC (11V-16V), negative ground  
Fuse 15A

Suitable speaker 4 - 8 Ω

Impedance 4 - 8 Ω

Maximum power 45 W x 4 channels

Output 22 W x 4 RMS (4Ω 10% power output T.H.D.)

Pre-Amp output 2.5 V

Voltage

Aux-in level ≥500 mV

Dimensions 188 x 58 x 140 mm

(W x H x D)

Weight 0.8 kg

### Radio

Frequency range - 87.5 - 108.0 MHz

FM (100kHz per step in auto search and 50kHz per step in manual search)

Frequency range - 522 - 1620 kHz (9 kHz)

AM(MW) 530 - 1710 kHz (10 kHz)

Usable sensitivity 8 µV

Usable sensitivity 30 µV

AM(MW) (S/N 20 dB)

### 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

### Unsupported formats

Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not shown in the display.

Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .df are ignored and not played.

AAC, WAV, PCM audio files

DRM protected WMA files (.wav, .m4a, .mp3, .mp4, .aac)

WMA files in Lossless 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.

## 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](http://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.

### 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.

### 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.

### 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.

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.

### Display show ERR-1

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

### Display show ERR-3

USB/SD data error.

## 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.

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

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 hazard or damage to the apparatus.

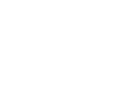
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

Such modifications could void the user's authority to operate the equipment.

### Notice

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound



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](http://www.Philips.com/welcome).  
Read this user manual carefully before you install and use the unit. Save it for future reference.

## Introduction

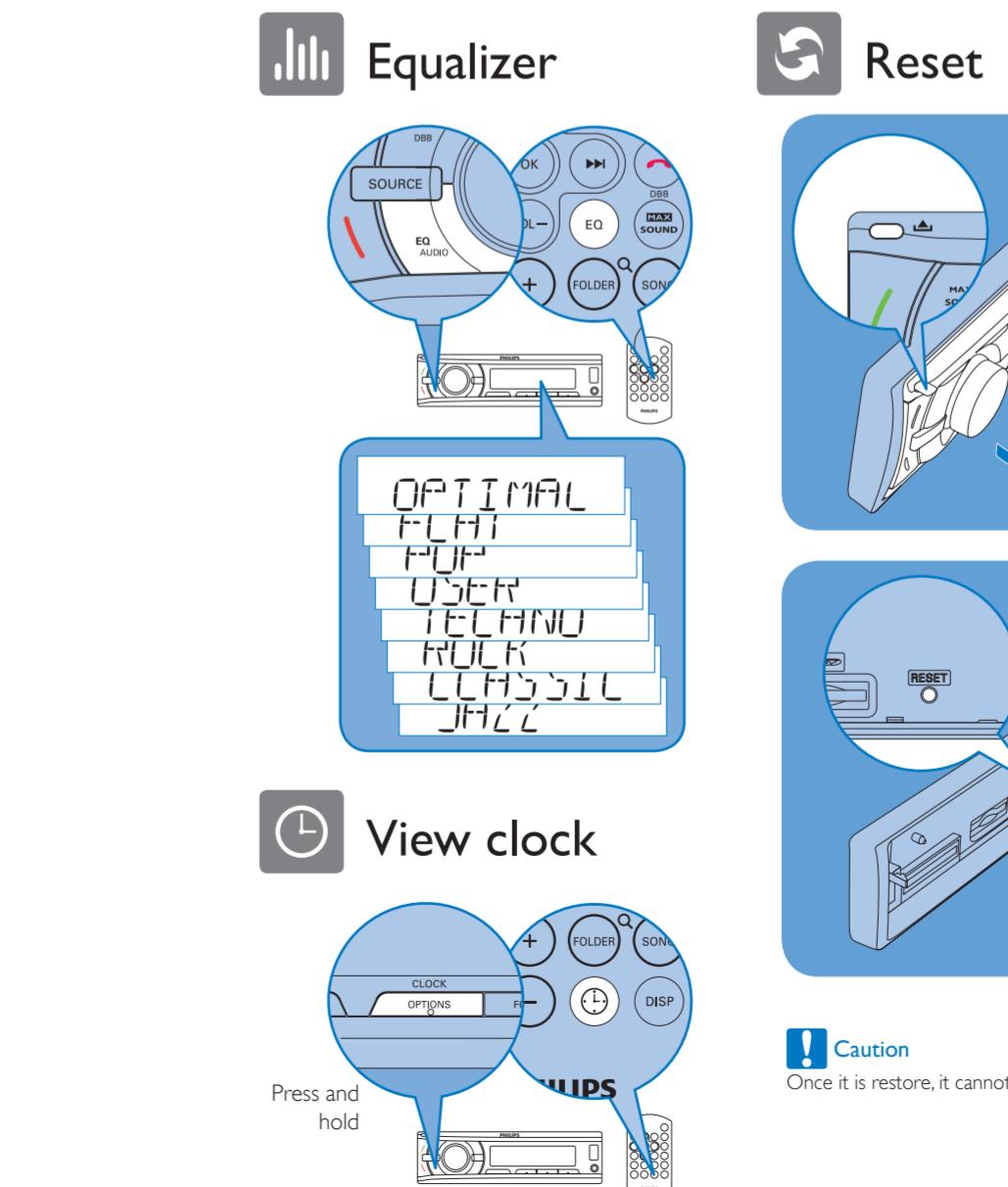
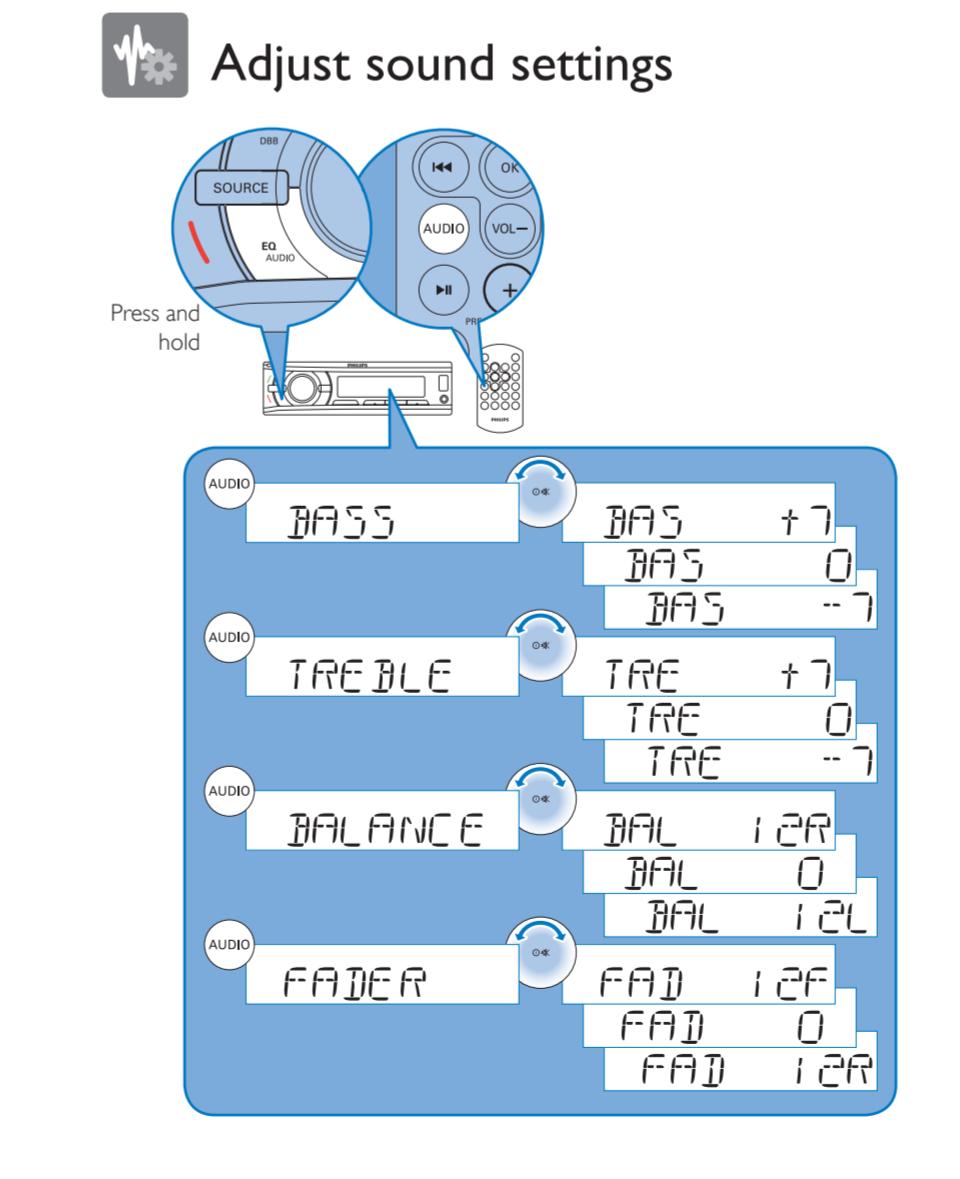
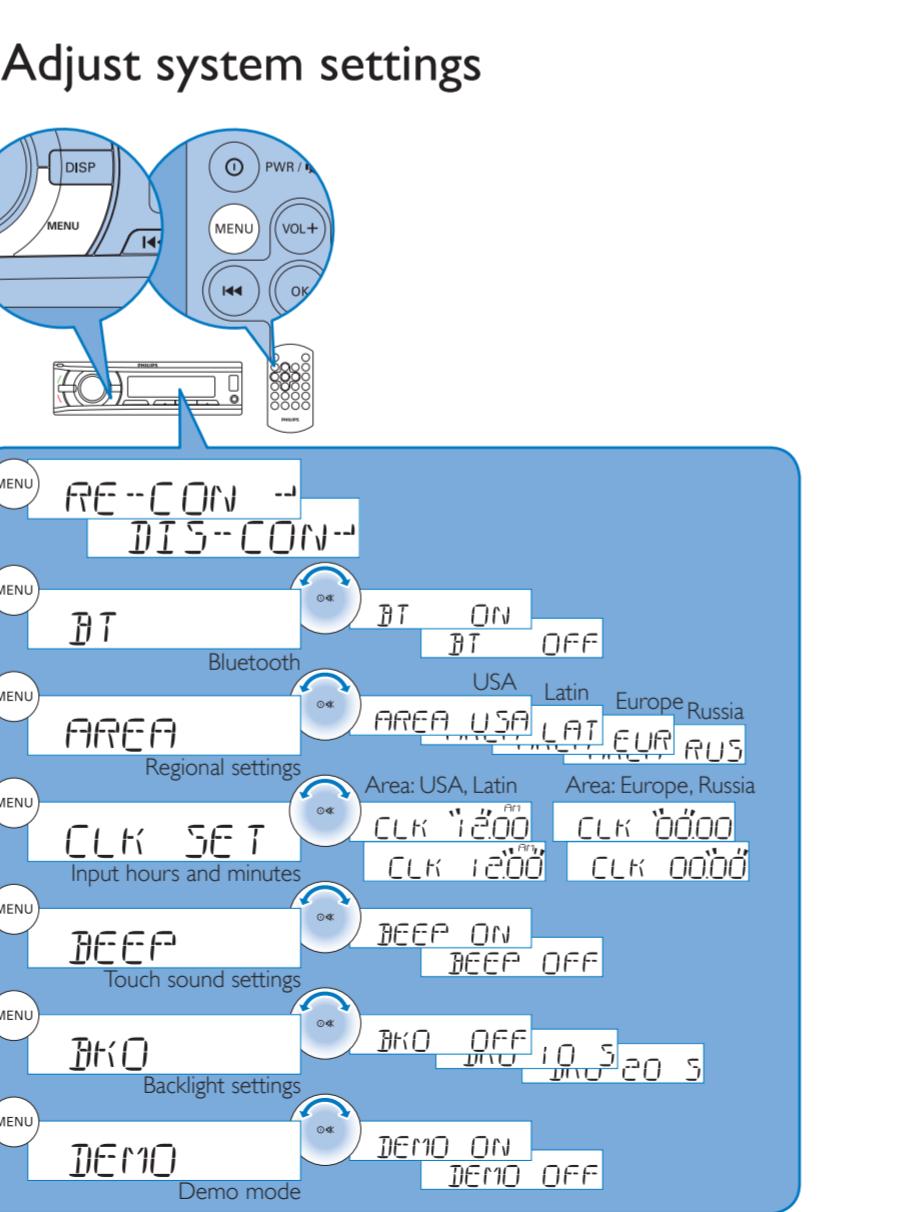
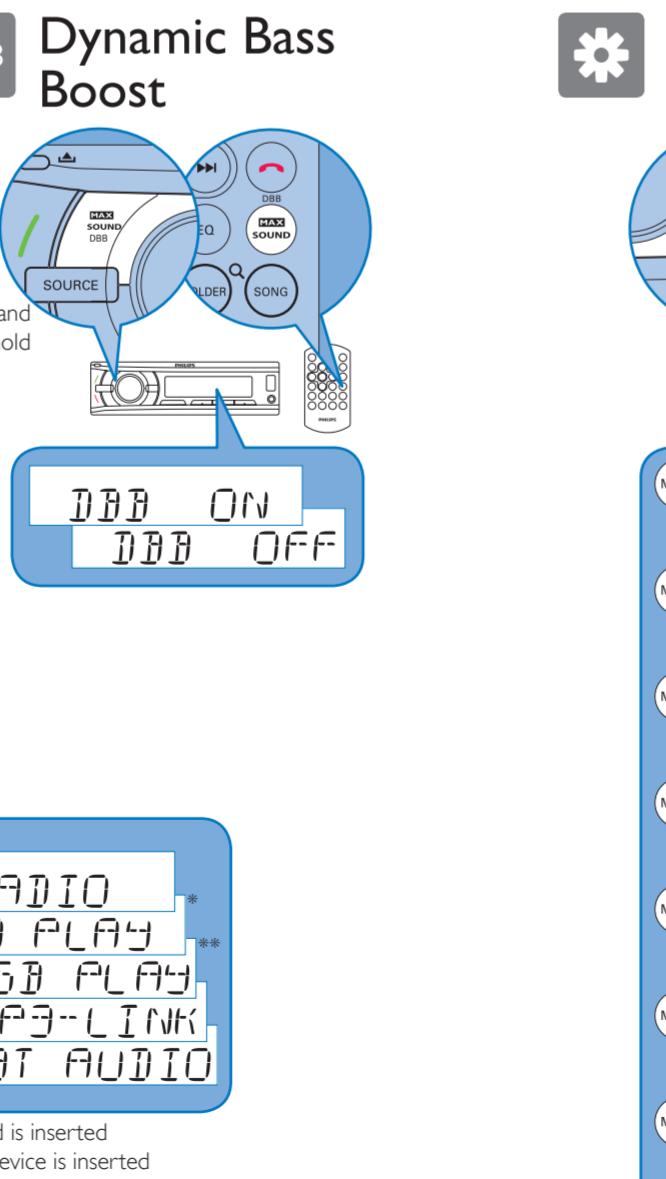
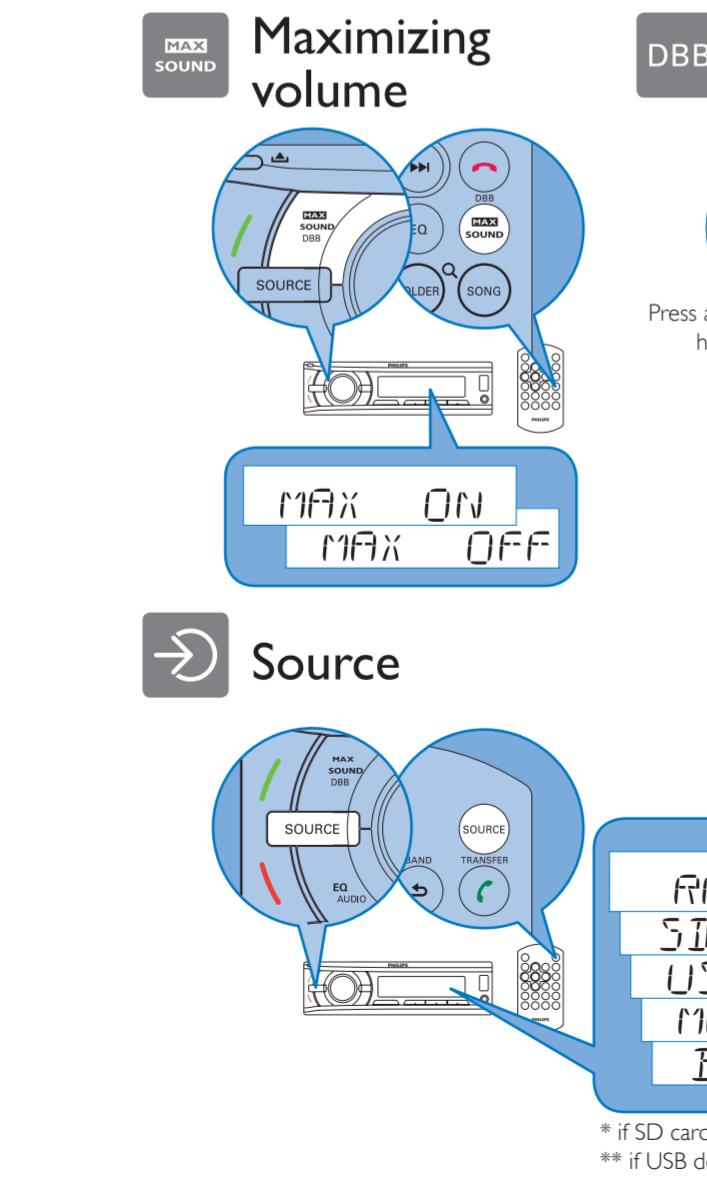
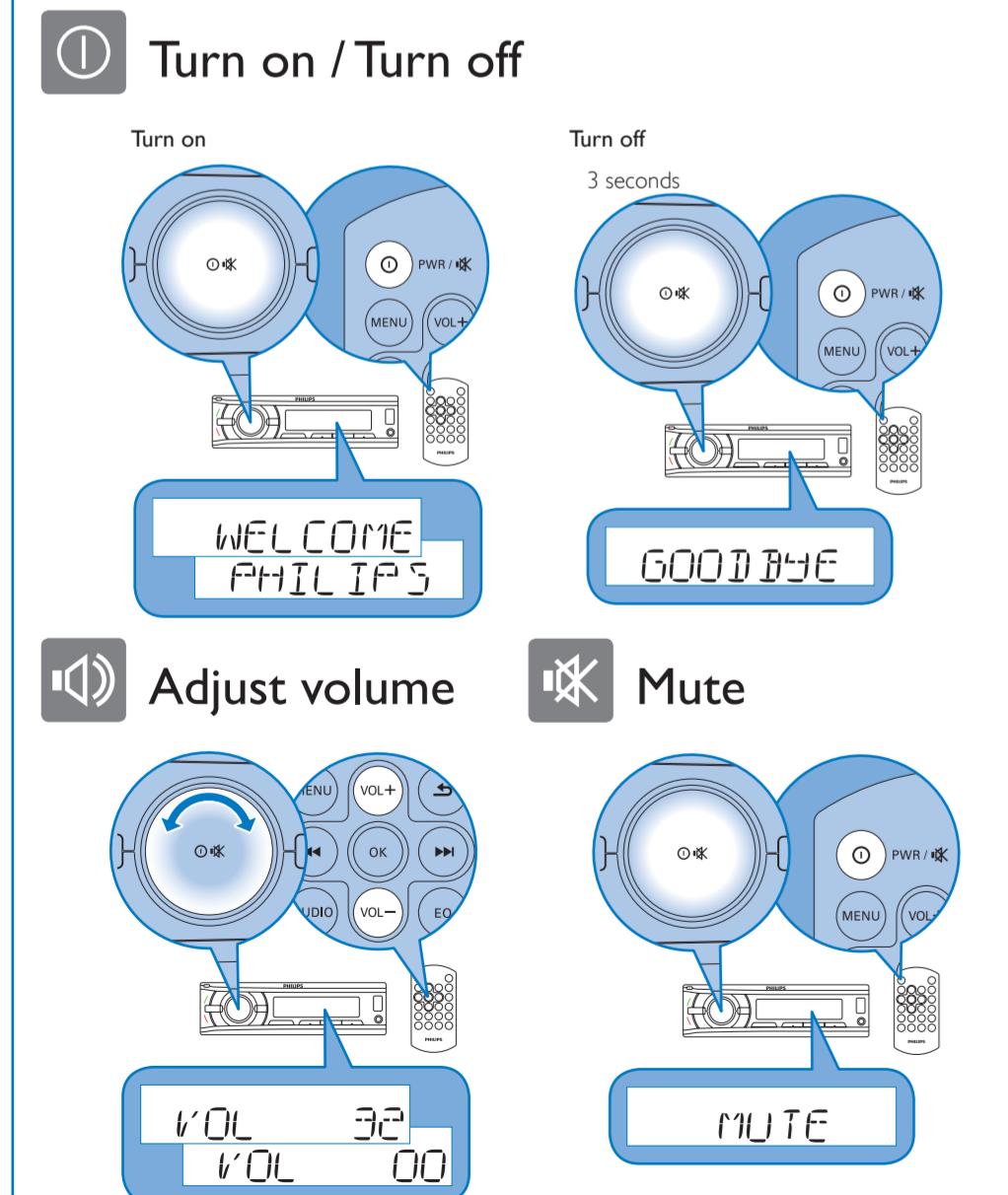
With the in-car audio system, you can enjoy your drive while you listen to:

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

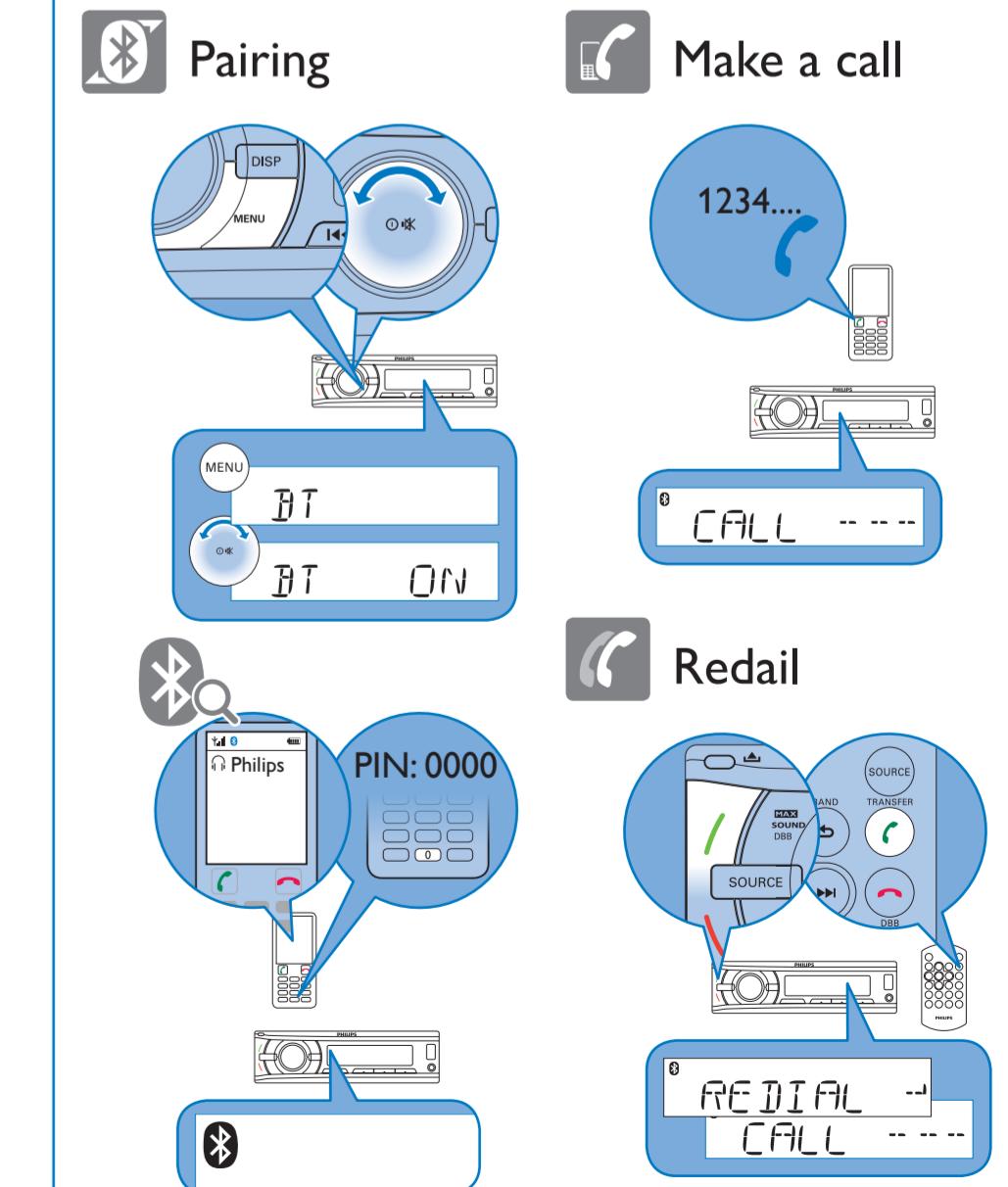


Always follow the sequential instructions in the manual. If you contact Philips, you will be asked for the model and serial number of your unit. The model number and serial number are on the back or side of your unit. Write the numbers here:  
Model No.: \_\_\_\_\_  
Serial No.: \_\_\_\_\_

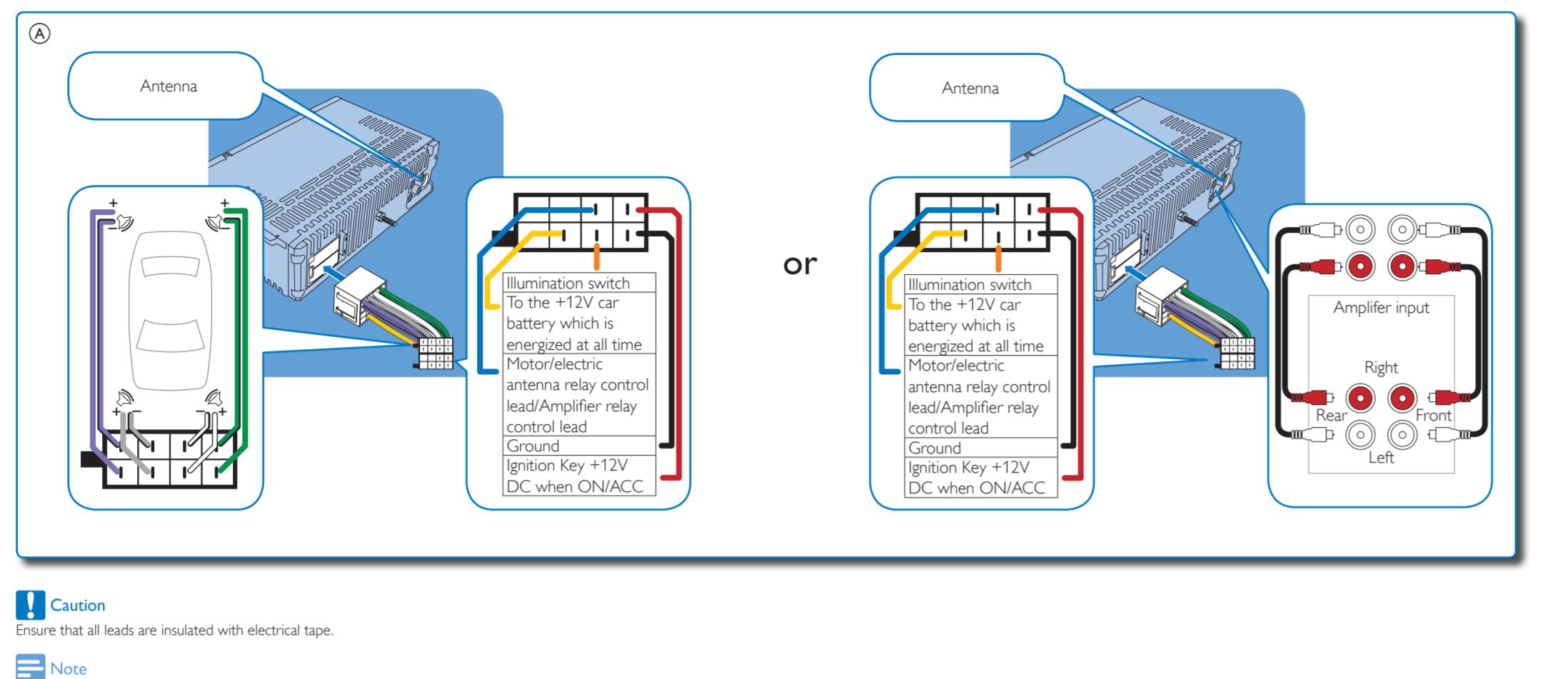
## 3 Get started



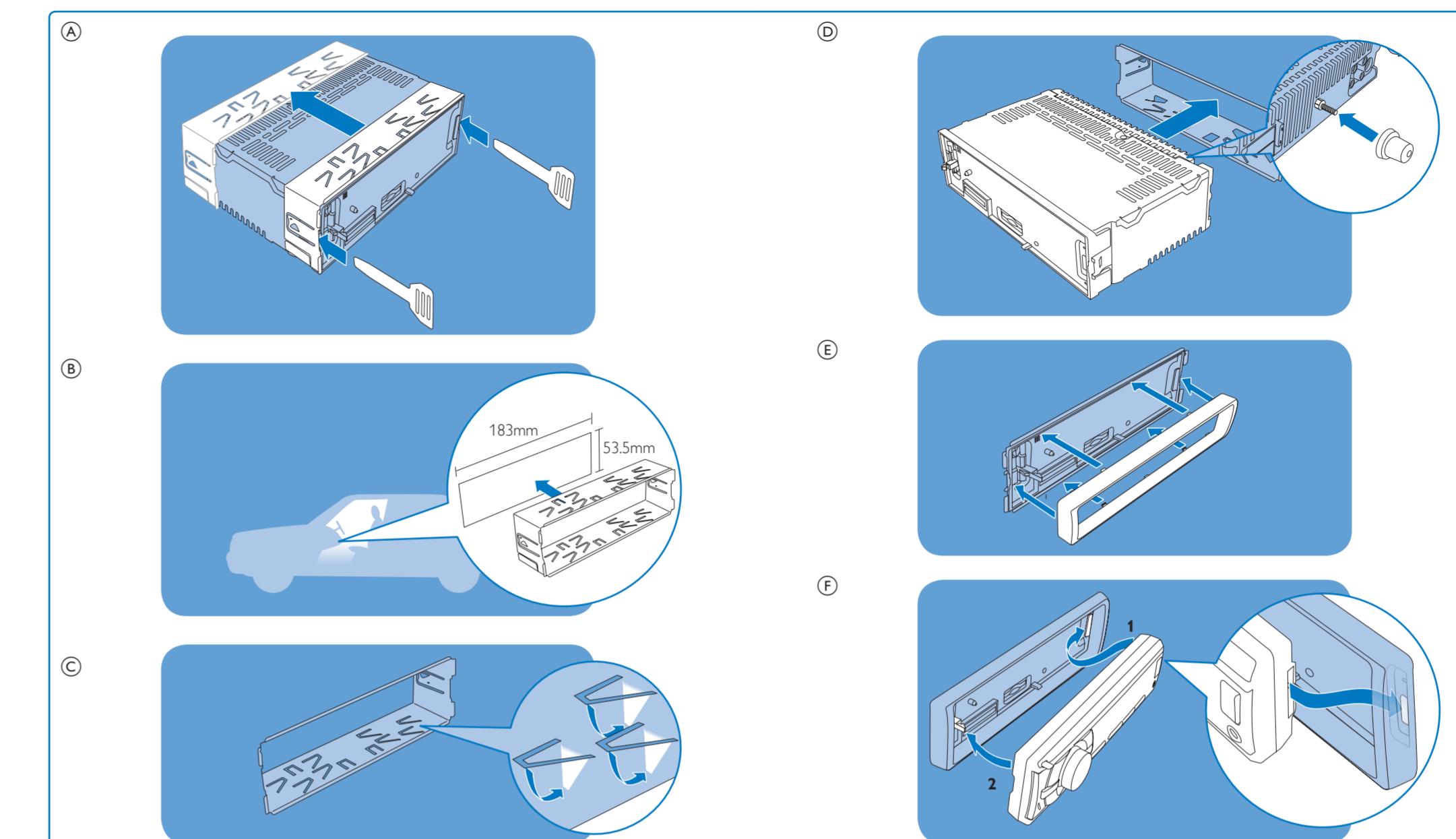
**Caution**  
Once it is restore, it cannot be undone.



## 1 Connect



## 2 Mount into dashboard



## Remote control

