

REAL-EL

USER MANUAL



**2.0 MULTIMEDIA
SPEAKER SYSTEM**

S-450

Congratulations on your purchase of the REAL-EL speaker system!

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1. BUYER RECOMMENDATIONS

- Unpack the device carefully. Make sure there are no accessories left in the box. Check up the device for damage; if the product was damaged during transportation, address the firm, which carried out the delivery; if the product functions incorrectly, address the dealer at once.
- Check up the package contents and availability of the warranty card. Make sure the warranty card has a shop stamp, a legible signature or the seller's stamp and purchase date, and the goods number corresponds to that in the warranty card.
- Do not switch on the speaker system immediately after you bring it into a room from environment with negative temperature! After unpacking, the speaker system should be kept in conditions of room temperature for at least 4 hours.
- Before installing and using the speaker system, read this Manual carefully and keep it for future reference.

2. PACKAGE CONTENTS

- 2.0 Multimedia speaker system — 1 pc
- 2RCA to mini-jack signal cable — 1 pc
- Remote control (RC) — 1 pc
- User manual — 1 pc
- Warranty card — 1 pc

3. SAFETY PRECAUTIONS

- Do not open the portable speaker system (PSS) and do not perform repairs by yourself. Service and repairs should be performed only by qualified specialists at authorized service centers. The list of authorized service centers is on www.real-el.com
- Make sure that foreign objects do not get inside the holes of the PSS.
- Protect the PSS from high humidity, water and dust.
- Protect the PSS from heating: do not place it closer than 1 m from a heat source. Do not expose it to direct sunlight.
- Do not use any chemical agents for cleaning. Clean it with dry soft cloth only.
- In case of PSS does not work properly. Please contact place of purchase or service center.

Special features

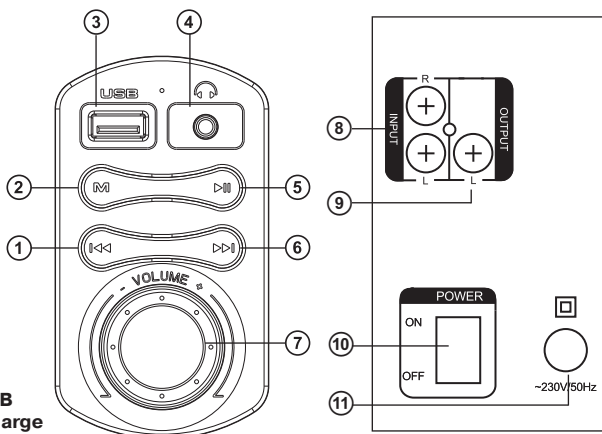
- Bluetooth audio transmission
- Remote control
- Headphones output
- USB flash music playback
- AUX connection for use with PC, TV and other sources
- Wooden case

4. TECHNICAL DESCRIPTION

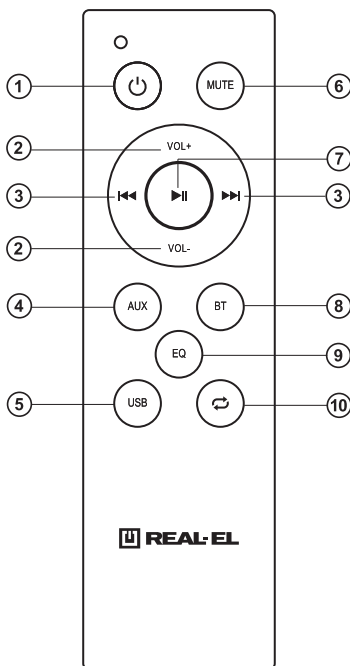
Control panel and rear panel

- 1 ◀◀: Previous track.
 - 2 M: Switching modes button Bluetooth/USB/AUX.
 - 3 USB port *
 - 4 Headphone jack.
 - 5 ▶▶: Play/Pause button;
- Disconnect running Bluetooth connection (long press in Bluetooth mode).

- 6 ▶▶: Next track.
- 7 VOL-/+: Volume up/down.
- 8 INPUT: Connection to PC, mobile devices, and other audio sources.
- 9 OUTPUT: Passive speaker connection
- 10 ON/OFF: Power switch.
- 11 Power cord.



***Attention! USB output is for USB flash connection only! Do not charge any device using this port otherwise it may be damaged!**



Remote control

- ① ⏻ ON/OFF.
- ② VOL+/- : Volume increase/decrease.
- ③ Next / Previous track.
- ④ AUX input mode selection.
- ⑤ USB mode selection.
- ⑥ MUTE: Sound OFF.
- ⑦ Play/Pause.
- ⑧ BT: Bluetooth mode selection.
- ⑨ EQ: Select EQ mode.
- ⑩ Switch playback mode (ALL, ONE, RANDOM).

5. PREPARATION AND OPERATION

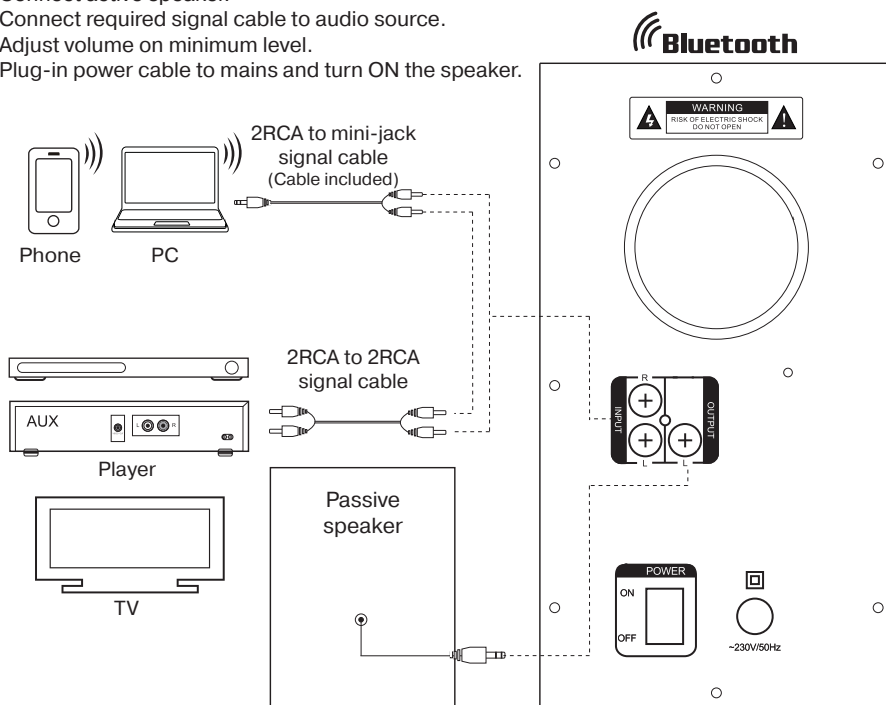
Speaker placement

- Place the speakers symmetrically to the listener at least one meter away.

MSS Connecting

Multimedia Speaker System (MSS) can be connected to most of audio sources: PCs, laptops, tablet PC, cell phones, etc. (see connection diagram).

- Connect active speaker.
- Connect required signal cable to audio source.
- Adjust volume on minimum level.
- Plug-in power cable to mains and turn ON the speaker.



Bluetooth mode

- Select the Bluetooth mode using M② on the front panel on the sidebar of active speaker or BT⑧ on the remote control. After 2-3 seconds the speaker system starts the search mode.
- Activate Bluetooth search mode of your device (phone, notebook, smartphone, etc.). "S-450" will be displayed which should be connected to.
- If there is no connection, the system should be switched over to the search mode once again (turn off and turn on Bluetooth mode)*.

Note: The connection method may vary depending on the device you want to connect to. To disconnect from the connected device, press and hold the (Play/Pause) button. After that, you can establish a new connection.

* If an item has been already registered in the device list of sources, then the second search mode activation is not needed. Choose only the item name and the "connect" command on the source.

Playback mode

- Insert a USB flash drive into the corresponding slot, the audio track will be played automatically. In the playback mode, briefly press the "◀◀" or "▶▶" button to select the desired tracks.
- Press the "⏸" button to play or pause.

Note: During Bluetooth playback mode, if you insert a USB, Bluetooth will be turned off and USB will play. Press the "M②" or "BT" button to return to Bluetooth mode again.

The USB port is designed for connecting USB storage media only. Do not use this connector for charging purposes, as this may cause damage of the speaker.

AUX mode

- For compatible music devices, use an audio cable supplied in the box. Connect the cable to the 2 RCA audio input of the AUX and to any audio source with a 3.5 mm mini jack. Then choose AUX mode by mode selection.

Note: Turn off the speaker by power button "ON/OFF" if the system is not used for a long time.

6. SPECIFICATION

Parameter	Value
Output power (RMS)	60 W
Frequency range	40-22000 Hz
Speaker drivers size	
HF driver	2 x Ø 2 " (50 mm)
LF driver	2 x Ø 5 " (135 mm)
Supported Bluetooth Profiles	L2CAP/A2DP
Connection types	Bluetooth/USB/AUX
Power supply	~230/50 V/Hz
Bluetooth operation distance	up to 10 m
Case material	wooden (MDF)
Dimensions of the product	162 × 280 × 180 mm
Weight	4.3 kg

Notes:

- Technical specifications given in this table are supplemental information and cannot give occasion to claims.
- Technical specifications and package contents are subject to change without notice due to the improvement of REAL-EL production.



The product complies with all applicable requirements for Restriction of Hazardous Substances (RoHS). Packing, batteries, electronic and electrical equipment and their accessories should not be disposed of with household waste. Wherever possible, they should be segregated and brought to an appropriate collection point to enable recycling and avoid potential impacts on the environment and human health. For more information, contact your local authorities or place of purchase.



Hereby, Enel Group OÜ, Aruküla tee 55A, Jüri alevik, Rae vald, Harjumaa, Estonia, 75301, declares that the radio equipment type Radio-Frequency peripheral is in compliance with Directive 2014/53/EU. EU declaration of conformity is available at the following internet address: www.real-el.com

Manufacturer: ENEL GROUP OÜ, Harju maakond, Rae vald, Jüri alevik, Aruküla tee 55a, 75301, Estonia. ® Registered Trademark of ENEL GROUP OÜ. Estonia.