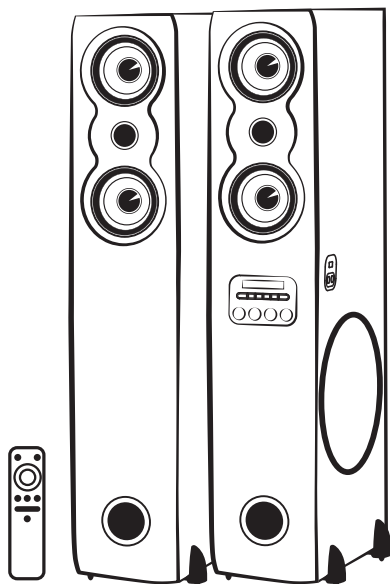


 **REAL-EL**

USER'S MANUAL



**2.0 MULTIMEDIA
SPEAKER SYSTEM**

S-2020

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

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TRADEMARKS

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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. Remember: in case of warranty card loss or discrepancy of numbers you forfeit the right for warranty repairs.
- 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

- Active speaker - 1 pc
- Passive speaker - 1 pc
- Power supply unit - 1 pc
- Remote control (RC) - 1 pc
- FM antenna - 1 pc
- Signal cable - 2 pcs
- Acoustic connection cable - 1 pc
- User manual - 1 pc
- Warranty card - 1 pc

3. SAFETY PRECAUTIONS

- Do not open Multimedia Speaker System (MSS) and do not perform repairs by yourself. Service and repairs should be performed by qualified specialists in an authorized service center only. The list of authorized service centers is available at www.real-el.com
- Do not put foreign objects inside the holes of the MSS.
- Protect the MSS from high humidity, water and dust.
- Protect the MSS from heating: do not place it closer heat source. Do not expose it to direct sunlight.
- Do not place any open flame sources on or close to MSS.
- Do not use any chemical agents for cleaning. Clean it with dry soft cloth only.
- In case of MSS does not work properly, power cable must be disconnected. Please contact place of purchase or service center.

4. TECHNICAL DESCRIPTION AND CONNECTION

S-2020 Multimedia Speaker System (MSS) is designed to play music and sound games, movies, etc. The MSS enabling to connect to virtual to any audio source (CD/DVD-player, TV, phone, PC, etc.) without using an additional power amplifier. The MSS has a built-in FM radio, Bluetooth module and audio files player USB flash.

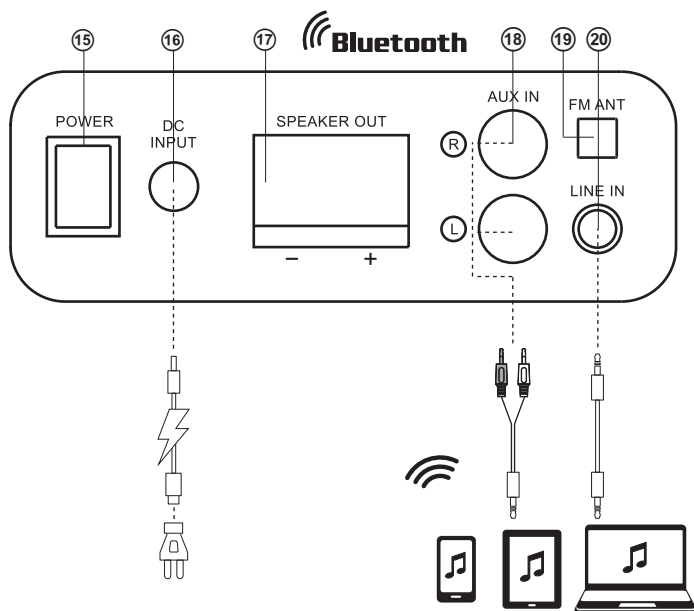
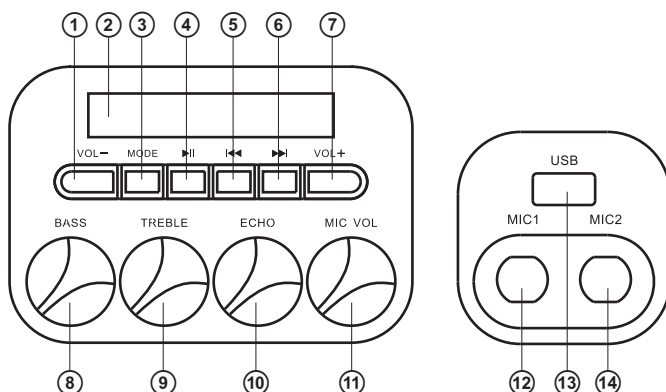
Special features

- FM radio
- Bluetooth, USB flash
- KARAOKE mode with 2 Mic inputs and Echo adjustment
- Powerful and high-quality sound with deep bass
- AUX for use with PC, TV and other sources
- Full function remote control

Control panel

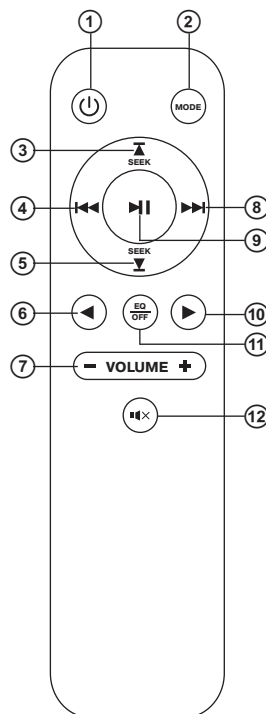
- ① Volume contro -
- ② Display
- ③ Mode (Bluetooth, USB, FM, AUX)
- ④ In USB mode play / pause. In FM mode, press briefly to search and save all stations
Long press to delete the current saved station.
- ⑤ In USB mode, the previous track. In FM mode, press shortly to move to the previous saved station
Long press - to save the current station to the beginning of the list of stations.
- ⑥ In USB mode, the next track. In FM mode, press briefly to move to the next stored station
Long press - to save the current station to the end of the list of stations.
- ⑦ Volume contro +
- ⑧ Bass level knob
- ⑨ Treble level knob
- ⑩ Echo level knob
- ⑪ MIC VOL -/+
- ⑫ Mic input 1
- ⑬ USB port
- ⑭ Mic input 2

- ⑮ Power ON/OFF
- ⑯ Power cord
- ⑰ Speaker output: satellite connection
- ⑱ AUX: line input jacks
- ⑲ FM ANT: FM radio antenna input
- ⑳ Line-in: AUX input



Remote control:

- ① ON/OFF
- ② Mode (Bluetooth, USB, FM, AUX)
- ③ FM mode, briefly press to change the range and manual setting. Long press for automatic station search.
- ④ In USB mode, the previous track. In FM mode, press shortly to move to the previous saved station. Long press - to save the current station to the beginning of the list of stations.
- ⑤ In FM mode, press briefly to change the range and manual setting. Long press for automatic station search.
- ⑥ In USB and Bluetooth mode selection one of the 6 equalizer settings.
- ⑦ Volume level control buttons
- ⑧ In USB mode, the next track. In FM mode, press briefly to move to the next stored station. Long press - to save the current station to the end of the list of stations.
- ⑨ In USB mode play / pause. In FM mode, press briefly to search and save all stations. Long press to delete the current saved station.
- ⑩ In USB and Bluetooth mode selection one of the 6 equalizer settings.
- ⑪ Switching off the equalizer
- ⑫ Sound on/off button



5. OPERATION MODES

Bluetooth mode

- Bluetooth mode requires connection of MMS with a signal source. For this purpose select the Bluetooth mode using MODE button ③ on the front panel of the subwoofer or MODE button ② on the remote control. After 2-3 seconds the speaker system starts the search mode.
- It is necessary to select the search mode of devices with Bluetooth on a signal source (phone, notebook, smartphone, etc.). "S-2020" device will be displayed on the screen which should be connected to*.
- After a successful connection, the loudspeaker will sound a signal.**.

* You might have to enter "0000" code to connect some models via Bluetooth.

** 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.

FM mode

- Turn the FM mode with the MODE button repeatedly until the frequency of the radio station appears on the display.
- In the playback mode, briefly press the "▶| " button to automatically search FM stations and save them automatically. Press the "◀◀ " or "▶▶ " buttons to switch between stations.

Playback mode

- Insert 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.

KARAOKE Mode

Karaoke is always active with any audio source (AUX, Bluetooth, FM etc.)

To start using Karaoke mode need to connect microphones and set up volume and echo level

LINE IN/AUX mode

- For compatible music devices, use an audio cable with the 3.5 mm mini jack or 2RCA. Connect the cable to the audio output of any audio source with a 3.5 mm mini jack or 2RCA. Then press the "MODE" button to switch to mode.

Note: You must turn off the power button "OFF / ON." If the system is not used for a long time.

6. TROUBLESHOOTING

Problem	Cause	Solution
The MSS does not turn on.	The MSS isn't connected to a mains outlet.	Check the connection.
	The power switch is off.	Turn on the switch.
No sound or the sound is too quiet.	Volume level is set at minimum value.	Adjust the volume control knob.
	Improperly connected audio source.	Connect the audio sources correctly.
Distortion of sound.	Large amplitude of the input signal.	Turn down the source volume and the MSS volume.
The remote control is not working.	The batteries are discharged.	Replace the batteries with new ones.

If none of the above methods can solve the problem, please seek professional advice at your nearest service center. Never attempt to repair the product yourself.

7. SPECIFICATION

Parameter, measurement unit	Value
Output power (RMS), W	80 (2 × 40)
Frequency range, Hz	20-20000
Speaker diameter, mm:	
tweeter	Ø 25
middle range	Ø101
passive radiator	Ø101
woofer	Ø 203
Connection types	USB flash / Aux / Bluetooth
Voltage supply, V/Hz	~ 230/50
Bluetooth operation distance, m	up to 10
Case material	wooden (MDF)
Dimensions of the product, mm	165 x 313 x 822
Weight, kg	15

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.*



Models: S-2020

Manufacturer: ENEL GROUP OU, Harju maakond, Rae vald, Jüri alevik, Aruküla tee 55a, 75301, Estonia.

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