

REAL-EL

OPERATION MANUAL



**PORTABLE
RADIO RECEIVER
X-520**

Congratulations on your purchase of the REAL-EL products!

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CONTENTS

1. BUYER RECOMMENDATIONS	1
2. PACKAGE CONTENTS	1
3. SAFETY PRECAUTIONS	2
4. TECHNICAL DESCRIPTION	2
5. CONNECTION AND OPERATION	4
6. TECHNICAL SPECIFICATIONS	4

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

- Portable radio receiver — 1 pc
- Belt — 1 pc
- Power cable — 1 pc
- User manual — 1 pc
- Warranty card — 1 pc

3. SAFETY PRECAUTIONS

- Do not open the device 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 device.
- Protect the device from high humidity, water and dust.
- Protect the device 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 device does not work properly. Please contact place of purchase or service center.

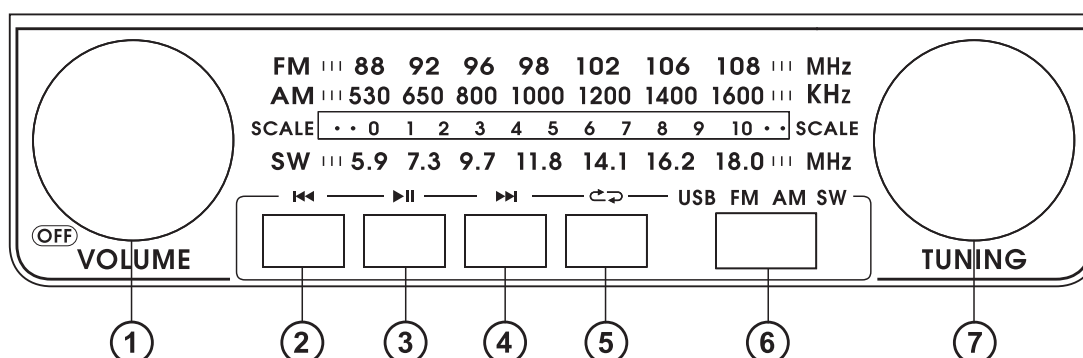
Special features

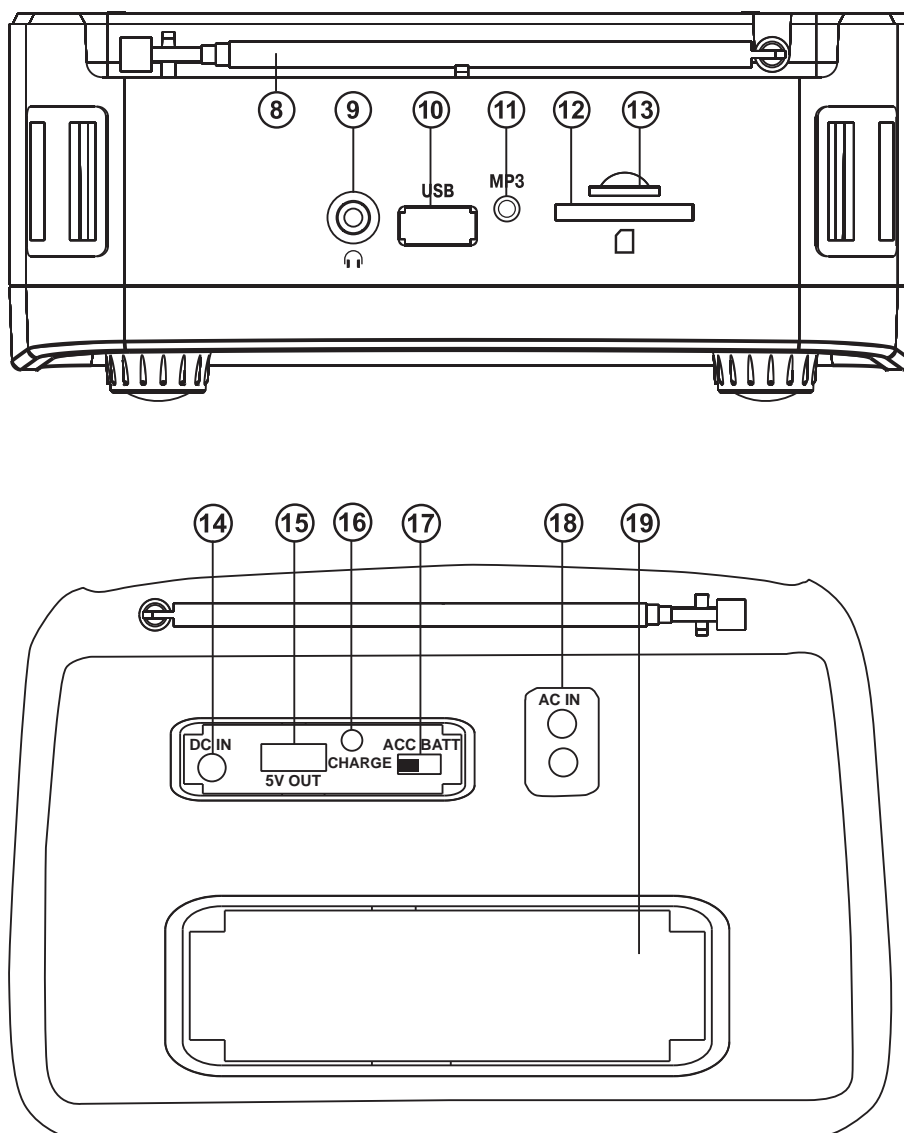
- FM/AM/SW radio
- Powered by mains, built-in battery or D/LR-20 batteries
- Built-in rechargeable battery
- Playback from USB flash, SD memory cards
- Telescopic rotary antenna
- Headphone output

4. TECHNICAL DESCRIPTION

Control panel

- ① Portable radio on/off knob/volume control knob
- ② Previous track (in Player mode)
- ③ Play/Pause button (in Player mode)
- ④ Next track (in Player mode)
- ⑤ Repeat mode selection button (in Player mode):
 - repeats the current track;
 - plays all tracks in the sequential order
- ⑥ Mode select button (Player/FM/AM/SW Radio)
- ⑦ Station tuning knob





- ⑧ Telescopic swivel antenna
- ⑨ Headphones jack
- ⑩ USB: USB-flash card slot
- ⑪ MP3: Player mode indicator
- ⑫ SD card slot
- ⑬ Micro SD card slot
- ⑭ IN: Connector for charging radio from 4.5 V charger
- ⑮ Connector with 5B output
- ⑯ LED charge indicator
- ⑰ Power switch from the mains/built-in battery or batteries type D / UM-1
- ⑱ Connector for charging radio from mains ~ 230 V
- ⑲ Battery compartment type D/LR-20

5. CONNECTION AND OPERATION

Charging the battery

Notes: The built-in battery must be charged completely prior to the application.

- Connect the radio to the 230V mains socket via the jack ⑱ using the power cord (included) or via the jack ⑭ to the 4.5 V battery charger (not included). During battery charging the indicato ⑱ is red.
- The battery is used in radio as an integral part of the device, therefore do not try to extract or replace it, because this can result in the warranty cancellation or the device damage.
- Adjust the overall volume level by turning the knob ①.

Notes: For powering the radio, it is possible to use D/LR-20 batteries (2 pcs.) (not included). Install them into the battery compartmen ⑲. Observe the polarity.

6. SPECIFICATION

Parameter	Value
Output power (RMS)	3 W
Frequency range	150-20 000 Hz
Frequency range FM / AM / SW	87.1-108.3 MHz / 515- 1615 KHz / 5.85- 18 MHz
Dimension of the speaker drivers	Ø 76 mm
Power supply	~ 230/50 V/Hz
Rechargeable battery	Lithium-ion 1200 mAh, @ 3.7 V
Battery	2 x D/LR-20, DC 1.5 V
Dimensions of the product	172 × 130 × 80 mm
Weight	0.72 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.*



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