



## USER MANUAL



**PORTABLE  
SPEAKER SYSTEM**

# **X-780**

## ***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.
- 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 Speaker System — 1 pc
- Signal cable — 1 pc
- USB power cable — 1 pc
- Remote control (RC) — 1 pc
- Microphone holder — 2 pcs
- 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](http://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.

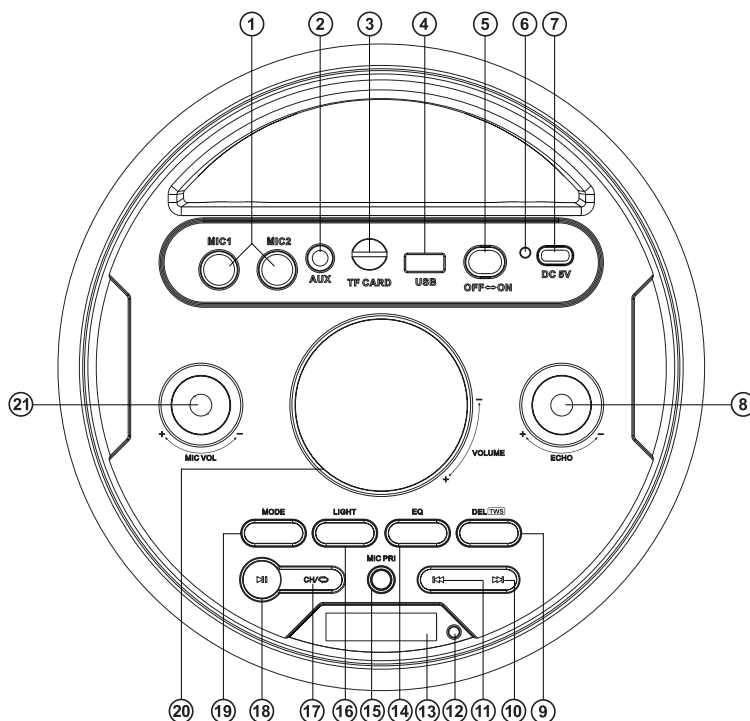
### Special features

- TWS function. Connect two speakers together
- USB, Micro SD (TF)
- AUX connection for use with PC, TV and other sources
- Multi color adjustable illumination with OFF switch
- Equalizer adjustment high and low frequency
- Increased battery life
- Two microphone inputs with echo function
- Remote control
- RGB backlight

### 4. TECHNICAL DESCRIPTION

#### Control panel

- ① MIC1/MIC2: 6.3 mm jack microphone jack.
- ② AUX: 3.5 mm mini-jack for audio signal connecting (phone, MP3 player, etc.).
- ③ TF CARD: Micro SD card slot.
- ④ USB port.
- ⑤ Power ON/OFF.
- ⑥ Indicator.
- ⑦ Charging DC 5V.
- ⑧ ECHO +/-: Microphone echo adjustment.
- ⑨ Del/TWS: Connect an additional speaker (Bluetooth mode only);  
TWS mode on/off (long press).
- ⑩ Next track (short press in Player and Bluetooth mode);  
Navigation on the track (long press in Player mode).
- ⑪ Previous track (short press in Player and Bluetooth mode);  
Navigation on the track (long press in Player mode).
- ⑫ IR receiver.
- ⑬ Display.
- ⑭ EQ: Sound Effect mode (short press); Reset (long press).
- ⑮ MIC PRI: Mute with a connected microphone.



⑮ LIGHT: Switching backlight modes (short pressing);

Turning ON/OFF the backlight (long pressing).

⑯ Switch playback mode (ALL, ONE, RANDOM);

Bluetooth mode ON/OFF (in Bluetooth mode long press);

⑰ Play/Pause button (in Player and Bluetooth mode);

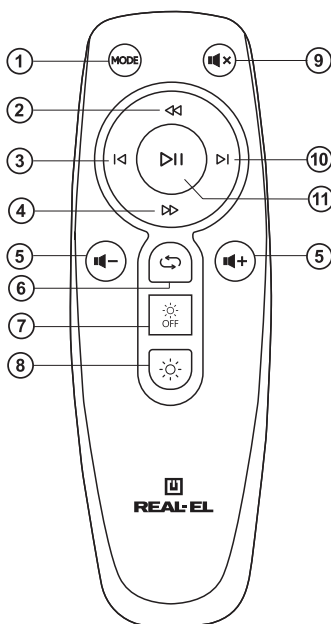
Mute (short pressing in AUX mode).

⑱ MODE: Bluetooth/USB/Micro SD/AUX(short press);

Turn ON/OFF prompt system tone (long press).

⑳ VOLUME+/-: Volume control.

㉑ MIC VOL +/-: Microphone volume control.



### Remote control:

- ① MODE: Switching modes button: Bluetooth/USB/Micro SD/AUX .
- ② Scroll back.
- ③ Previous track.
- ④ Scroll forward.
- ⑤ VOL-/+ : Volume up/down.
- ⑥ Switch playback mode (ALL, ONE, RANDOM).
- ⑦ ON/OFF illumination.
- ⑧ Switching backlight modes.
- ⑨ Mute the volume.
- ⑩ Next track.
- ⑪ Play/Pause button.


## 5. CONNECTION AND OPERATION

### Charging the battery

- Before starting operation, the battery must be fully charged. The charger is not included. Charge this device with a DC 5V/ 3A universal charger or with a computer.
- It is not recommended to leave the device connected to the charger for a long time after it is fully charged.

*Do not charge the speaker system at low ambient temperatures.*

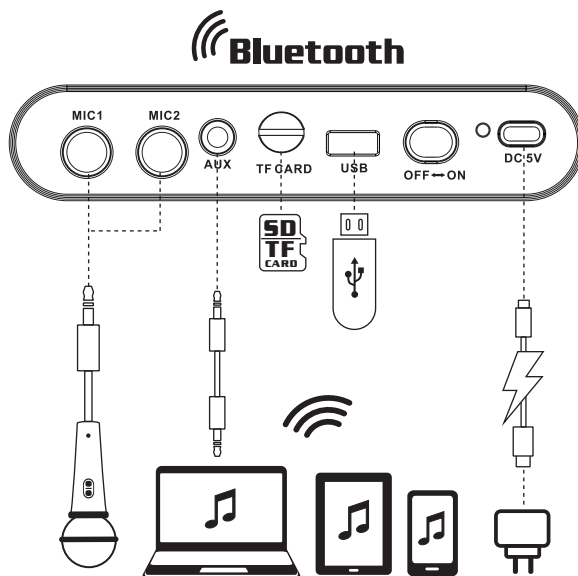
### Bluetooth mode

- Turn the unit into Bluetooth mode with the «MODE» button repeatedly until «BT» appears on the display. After 2-3 seconds the device will go into search mode.
- Select a Bluetooth device search mode on the audio source (mobile phone, tablet, etc.). The display will show the name «REAL-EL X-780» which need to establish a connection. After a successful connection, the loudspeaker will sound a signal. Press and hold the button to force shutdown the connected Bluetooth device .

### KARAOKE mode

Plug-in a microphone, adjust the volume level. The karaoke mode is activated automatically with any audio sources. Use a dynamic microphone with a 6.3 mm (1/4 ") TS plug as the karaoke microphone. Press Mic Pri button to reduce the volume of the music (mic priority). Press again to turn off.


**Note: microphone is not included.**



**TWS mode (simultaneous connection of two systems in stereo mode)**

- Before connecting in TWS mode, make sure that both speakers do not have an active Bluetooth connection and are not connected to other external sound sources;
- Turn on both speakers (main and additional) in Bluetooth mode;
- On one of the speakers, press and hold the TWS button. This speaker will be the main one;
- If two speakers are successfully connected to each other, the TWS mode will be activated;
- Connect the Bluetooth signal source to the main speaker;
- To disconnect the TWS connection, press and hold the TWS button.

**USB/TF card (SD card) playback mode**

- Insert the USB flash drive into the corresponding slot, the sound track will be played automatically.
- Select playback modes by repeatedly pressing the button .
- When USB and SD are connected at the same time, playback will be from the source that was connected last.

*Note:*

*During Bluetooth playback mode, if USB is connected, Bluetooth will be disabled and USB playback will start. Press the MODE button to return to Bluetooth mode again.*

**NO POWERBANK FUNCTION.**

*The USB connector is designed for connecting USB storage media. Do not use this connector to charge other devices - this may cause the speaker system to malfunction.*

**AUX wired connection mode**

- Select AUX playback mode.
- Connect the audio source using a 3.5mm cable.

*Note: When using a wired connection, control is provided from the audio source.*

**6. SPECIFICATION**

Parameter	Value
Output power (RMS)	80 (2 x 40) W
Frequency range	45-22 000 Hz
Dimension of the speaker drivers	2 x Ø 5.7" (145 mm) + 2 x Ø 1.25" (32 mm)
Supported Bluetooth Profiles	A2DP/AVRCP
Connection types	Bluetooth/USB/Micro SD/AUX/2 Mic
Power supply	USB Type C / 5 V DC, 3 A
Battery	lithium-ion battery 32.56 Wh (4000 mAh @7,4 V)
Bluetooth operation distance	up to 10 m
Case material	ABS plastic
Color	black
Dimensions of the product	230 × 640 × 260 mm
Weigh	5.2 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.*



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