



USER MANUAL



KM-830

WIRELESS
DYNAMIC MICROPHONE

KM-850

WIRELESS
DYNAMIC MICROPHONES SET

Congratulations on your purchase of the REAL-EL products!

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SPECIAL FEATURES

Microphones **REAL-EL KM-830/KM-850** are intended for use with speaker systems, as well as with other compatible equipment for sound and voice reproduction.

PACKAGE CONTENTS

- Wireless dynamic microphone – 1 pc (for model KM-830), 2 pcs (for model KM-850).
- Receiver – 1 pc
- Microphone stand – 1 pc (for model KM-830), 2 pcs (for model KM-850).
- USB power cable – 1 pc
- Adapter TS 1/4" (6.35 mm jack) to 3.5 mm – 1 pc
- User manual – 1 pc
- Warranty card – 1 pc

SAFETY PRECAUTIONS

- Protect the device from high humidity, water and dust.
- 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

SPECIAL FEATURES

- Widely compatible
- Pop filter
- Aluminum housing
- Cardioid capsule pattern
- Increased sensitivity and high noise reduction

CONNECTION AND OPERATION

Before operation, it is necessary to fully charge the battery using the USB cable (included).

PREPARATION FOR USE

By long pressing the a button, turn on the microphone and receiver respectively. Connect the receiver to the TS 1/4" (6.35 mm jack) connector of the compatible equipment.

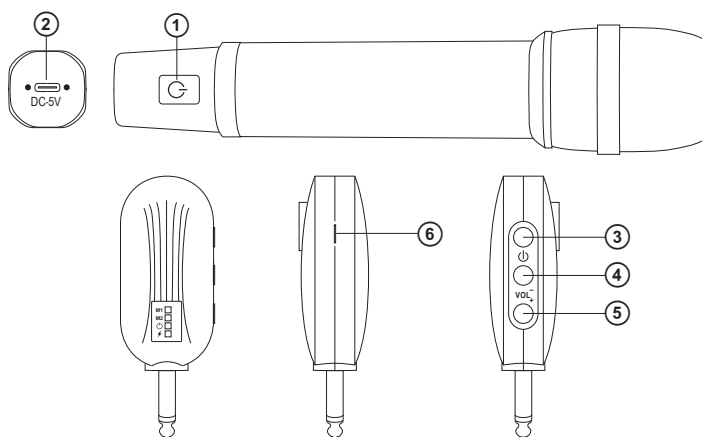
PAIRING THE MICROPHONE TO THE RECEIVER

• Once the microphone and receiver are turned on, they will be automatically paired (green LED on the microphone should be active). To pair manually (on condition of microphone LED is blinking), follow these steps:

- Turn on the microphone.
- Turn on the receiver. The indicator will flash yellow (yellow and/or blue) KM-850.
- On the receiver, quickly press the power button c 10 times.
- On the microphone, quickly press the power button a 10 times.
- Thereafter its paired

Attention!

Keep the device away from electromagnetic waves.



- ① Microphone On/Off (long press)
- ② DC 5V: Type-C charging input
- ③ Receiver On/Off (long press)
- ④ Volume decrease
- ⑤ Volume increase
- ⑥ DC 5V: Type-C charging input

TECHNICAL SPECIFICATIONS

Parameter	Value, measurement unit
Transmitter power	< 5 mW
Frequency	2 400 MHz
Frequency range	100- 12000 Hz
Sensitivity	> 60 dB
Diaphragm	Ø 25 mm
Microphone/receiver power supply	lithium-ion battery 180 mAh, DC 5V
Connection interface	TS 1/4"(6.35 mm jack)
Operation distance	up to 25 m
Microphone/receiver dimensions	48 × 215 / 89 × 32 × 22 mm
Microphone/receiver weight	210 / 20 g

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

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