

 **REAL-EL**

USER'S MANUAL



**WIRELESS STEREO HEADPHONES
WITH MICROPHONE**

**GD-840/GD-850
GD-855**

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APPLICATION

Wireless stereo headphones with a microphone are designed for operation with compatible systems (PC, notebooks and other mobile devices*) by data transmission via Bluetooth protocol. This enables to connect wireless headphones to compatible devices.

PACKAGE CONTENTS

- Wireless stereo headphones with microphone - 1 pc.
- USB power cable to micro USB - 1 pc.
- Audio cable 3.5 mm - 3.5 mm
- User manual - 1 pc.
- Warranty card - 1 pc.

SAFETY PRECAUTIONS

- Don't use the stereo headphones while driving.
- Don't use the stereo headphones at high volume for a long time, as this may cause hearing impairment.

SPECIAL FEATURES

- Possibility of 3.5mm wired connection
- Volume level and sound tracks control
- Built-in microphone
- Manage phone calls
- Neodymium capsules

* On condition that they support Bluetooth technology.

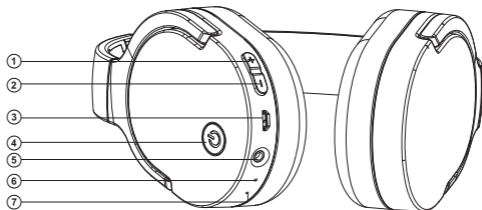


Fig. 1.
Control panel design

CONTROL PANEL DESCRIPTION

- ① Volume level increase button / Next track
- ② Volume level decrease button / Previous track
- ③ Micro USB port for charging
- ④ Headphones ON/OFF button; Playback / Pause; Phone call acceptance; Call control button
- ⑤ 3.5mm audio cable connector
- ⑥ LED indicator
- ⑦ Microphone

CONNECTION AND OPERATION

Attention! Built-in battery must be charged completely prior to the headphones operation. Make sure that headphones are turned off before battery charging

Battery charging

- Connect the headphones connector ③ to a USB port of PC or USB charger using USB to micro USB cable (included). During battery charging indicator ⑥ is red.
- When the device is charged in full, indicator ⑥ is blue.
- In case of battery charge level is low repeats signal appears and LED indicator blinks.

Headphones switching ON/OFF

- To switch on the earbuds press and hold button ④.

Pairing

- To transmit a signal via Bluetooth it is necessary to connect the device with a signal source (see connection diagram in Fig. 2). For this purpose turn on the headphone and not releasing button ④ wait for the search mode to be activated – LED indicator ⑥ indicates blue and red alternate.
- Select the search mode on a signal source (cell phone, tablet, laptop etc.). «GD-850» will be displayed on the devicelist, need to choose it and make connection*.
- When connection is successful, there will be vocal signal. If no device connected, the earphones will be turned off automatically in 10 minutes. To interface devices, the earphones should be turned on again to the search mode**.
- LED indicator on the earphones blinks blue and red during the data exchange with a device connected via Bluetooth.

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

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

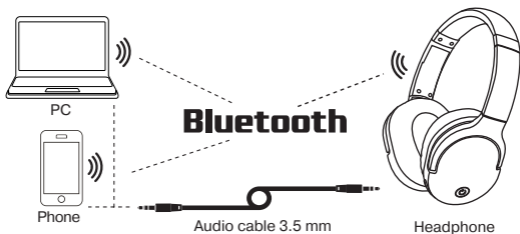


Fig. 2. Connection diagram

Control phone calls and musical tracks

With devices which support Bluetooth technology:

- in Bluetooth mode, ④ button ④ activates Playback, repeated short pressing button ④ activates the Pause;
- short press buttons ① and ② for volume control;
- press and hold the button ① within 2 seconds switches to next track, press and hold the button ② within 2 seconds, switches to previous track.

When interfacing with a telephone:

- short press buttons ④ to accept an incoming call; press button ④ once more to finish the call;
- hold the button ④ within 2 seconds to reject an incoming call;

TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Sensitivity, dB / Чутливість, дБ	earphones: 110 ± 3 microphone: -42 ± 3
Frequency range, Hz	earphones: 20 – 20,000 microphone: 100 – 10,000
Impedance, Ohm	32
Membrane, mm	Ø 40
Connection type	Bluetooth 4.2
Bluetooth supported profiles	A2DP, AVRCP, HFP
Radius of operation, m	up to 10
Battery operation time, hours	up to 8
Power supply: Li-polymer battery, mAh USB, V	250 DC5
Standby time, hours	up to 250
Charging time, hours	up to 2,5
Weight, g	175 (GD-850/GD-855) 125 (GD-840)

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 improvement of TM REAL-EL production.



Models: **GD-840/GD-850/GD-855**

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