HL8860 Audio 2.4GHz RF

INSTRUCTION MANUAL

Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment

FCC- Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

E-CORE TECHNOLOGY (CHINA) CO., LTD.

Thanks for select our RF 2.4G Audio controller! For play more conviently and correctly, please read the manual carefully before playing.

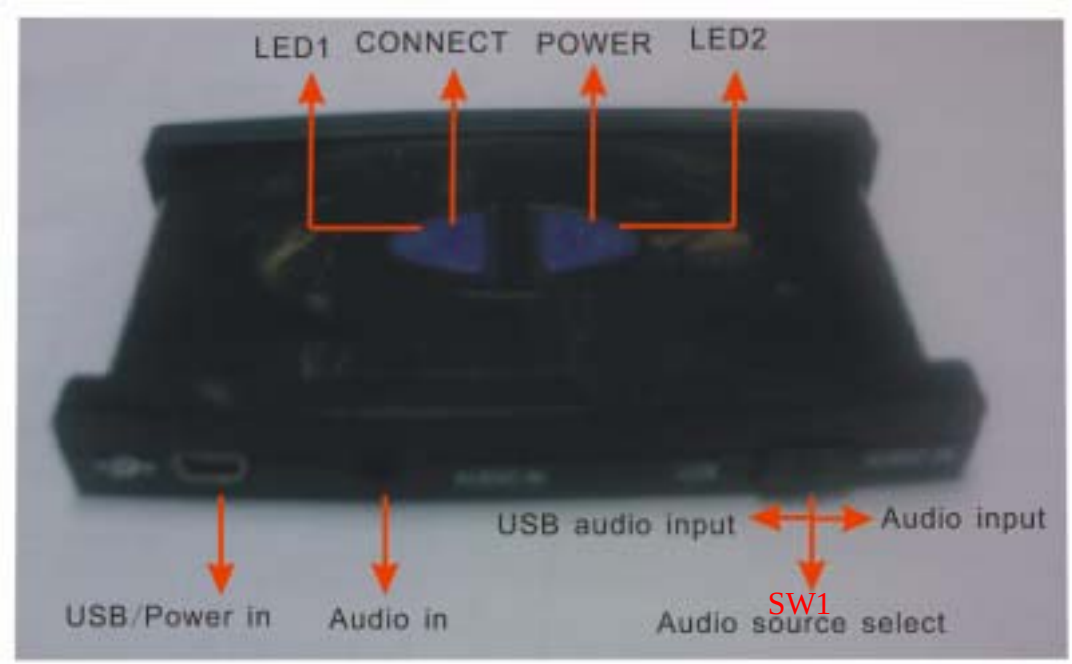
Product brief Introduction

HL8860 wireless Audio controller adopt 2.4GHz RF technology, with steady connection capacity, far distance, low function wastage; beautiful outlook, good handle , make you ear be personally on the scene!

Technology Specification

1. Application: Wireless Home TV Headphone
   Wireless Portable Headphone
2. GFSK modulation
3. Long distance > 50m (Line of sight)
4. RF frequency hopping in 34 channels
5. USB and analog dual audio inputs
6. Audio format 16bit , 48KHz sampling rate
7. Robust packet error correction
8. Power On/Off pop noise reduction
9. Work voltage：TX DC5V,RX DC3.0V
10. Low power consumption
11. No RF induced audio noise
12. Support no audio detection function
13. Work current：Transmit Controller work current 170mA , Receiver Controller work current 40mA
14. Frequency Range 2406 ~ 2472 MHz
15. Tx RF Radiation Power Typ. 18 dBm
16. RX RF sensivity Typ.-79 dBm
17. Size：TX 14.5*100*60mm; RX 200×170×75mm

Product Introduction



Transmit Controller function sketch map (TX)

TX LEDand Key Function Description

Connector	Description
Audio in	Analog audio source input
USB / Power in	USB audio input / 5V Power source

Switch	Function	Description
CONNECT	ID Learning Trigger	When simultaneously press the buttons both on Tx and Rx system board longer than 3 seconds, the ID learning process will be enable.
POWER	(Option) RF switch	RF on / off switch
SW1	Audio Source Select	Analog input or USB audio input Near Right is Analog input, Near Left is USB input.

LED	Function	Description
LED1	ID / Sync	1. When audio input and RF On LED on 2. When RF Off or No audio input LED blinking by 1s on /1s off 3. When ID learning LED blinking 15sec by 0.25s on /0.25s off. 4. When Sleep mode LED blinking by 0.5s on /2s off.
LED2	Power in	1. When USB input DC 5v LED will keep on.

Receiver function sketch map (RX)

RX LED and Key Function Description

Switch	Function	Description
POWER	RF switch	RF on / off switch
CONNECT	Volume control	Volume up / down pull
	ID Learning Trigger	When simultaneously press the buttons both on Tx and Rx module longer than 3 seconds, the ID learning process will be enabled.

LED	Function	Description
LED3	ID / Sync	1. When sync and audio playing LED on. 2. When No Sync or No audio input or Low battery LED blinking by 1s on / 1s off. 3. When ID learning LED blinking by 0.25s on/0.25s off, then keeping on after learning success. 4. LED off after auto shut down.

Use Introduction

1) Open RX battery cover，put in 2pcs 1.5V AAA batteries as battery box polarity indication, then close it.
2) Insert DC 5V power adapter into the USB slot of transmitter, then “LED1” will blink slowly, and “LED2” will keep on
3) Input audio signature into “USB/Audio” of transmitter
4) Move the switch to be ”USB/Audio in” to make sure the switch position match the audio input
5) Press Power of Headset to be power on, then “LED3” will blink slowly
6) Press the “CONNECT” button of transmitter and headset at the same time for 3 second, then “LED1” and “LED3”will change to keep on from quick blink
7) Adjust the Volume after connect successfully
8) The end。

Attention

1) When put in battery, please set as battery box polarity indication, don’t put in different class battery
2) When no using, switch to the power switch to “OFF”, avoiding power waste
   a) When warn of low voltage, please change battery immediately.
   b) No work for long time, please take out battery , avoid leaking from battery to damage inner current.
   c) Don’t dismantle this products.
   d) The final explantation right for this manual belong to ECORE TECHNOLOGY(CHINA) CO., LTD.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions”

(1).This device may not cause harmful interference, and

(2).This device must accept any interference received, including interference that may cause undesired operation.

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