



# 8510T & 8210R Operation Manual



## 8510T Transmitter :

**Power On/Off:** 3 options: LOCK/ON/OFF; After switching on the device, the channels and battery bar will be shown on the display.

**Mute Button:** Press  , and display will show an X on the microphone. Now the transmitter is muted. Press  again, and it will be in normal working state.

**Charging LED Light:** red light in charging; blue light: fully charged.

**Channel Change:** Press UP or DOWN button on the front to change the transmitter channel. When the switch button is on LOCK, the channel can' t be changed.

Press and hold "M" function, and channel number will flash. Now the receivers within 2 meters will pair with this transmitter automatically. After transmitters and receivers show the same channel numbers, press the M button again on the transmitter, and the channel number will stop flashing. Now the pairing is done.



## Model: 8210R Receiver

**Change the Channel:** Press the UP or DOWN button to change the channel after the device is switched on. When the switch button is on LOCK, the channel can't be changed. When transmitter and receivers are in the same channel, receivers can hear the transmitter.

**Change the Volume:** Press VOL+ or VOL- button to change the volume. Make sure the headphone is plugged into the 3.5mm jack deep enough, so the receiver can hear the transmitter.

The devices use rechargeable batteries. 8510T transmitter can work 12 hours continuously after full charge and 8210R receiver can work 15 hours continuously after full charge. Type-C cables can be used to charge the devices. Wrong and violent plugging will damage the charging port in the device. It will take 3 hours for full charge. When the devices are being charged, the light will turn red. When they are fully charged, the light will turn blue.

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## Specifications

Transmitter Parameters	Receiver Parameters
Frequency: 902-928MHz	Frequency: 902-928MHz
Number of channels: 50	Number of channels: 50
Channel interval: 0.5MHz	Channel interval: 0.5MHz
Battery: lithium polymer battery	Receiving sensitivity: -100dbm
Working current: 250mA	Working current: 60mA
Charging current: 900mA	Charging current: 350mA
Output interface: 3.5mm	Input interface: 3.5mm
Battery: 3.7V / 3000mAH	Battery: 3.7V / 1000mAH
Size: 84.8*54.8*20.6mm	Size: 86.5*48*18mm
Weight: 95g	Weight: 55g
Distortion: < 1%	Distortion: < 1%
Frequency response range: 20Hz - 10KHz	Frequency response range: 20Hz - 10KHz
Working distance: 150 meters	Working distance: 150 meters
SNR(Signal to Noise Ratio): 100dB	SNR(Signal to Noise Ratio): 100dB
Battery life: 12 hours	Battery life: 15 hours

**FCC Warning:**

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 residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a 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.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.