

# CZH-R01 FM Receiver User's Manual



FMUSER INTERNATIONAL GROUP INC.

<http://www.fmuser.net/>

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## 1. Technical Specifications

- ◆ Power supplier: BL-5C 3.7V/1000mAh
- ◆ Frequency range: 87~108 mHz (50~108mHz adjustable in factory)
- ◆ Frequency stability:  $\pm 10$ PPM
- ◆ Frequency step: 200 kHz (adjustable in factory)
- ◆ Receive sensitivity:  $> 1.5$ mV
- ◆ Output impedance:  $32\Omega$
- ◆ Audio output level: Max.360mV
- ◆ Audio distortion:  $\leq 0.2\%$
- ◆ Stereo crosstalk:  $\geq 36$ dB
- ◆ SNR: 55dB
- ◆ Operating duration:  $\geq 20$  hours
- ◆ Charging duration: appr. 5 hours
- ◆ Size: 82\*60\*22mm (ledge not included)
- ◆ Weight: 0.067kg (battery not included)

## 2. Product Feature

CZH-R01 is a professional product designed for FM receiving, which is reasonably structured, simply operated, widely used, and has excellent and reliable performance.

- ◆ Excellent Sound Effect

With digital adaptive noise control function, stereo sound effect is excellent.

- ◆ High sensitivity

High receive sensitivity( $> 1.5\text{mV}$ ), one time higher than common radios.

- ◆ Customized Antenna Adopted

High-Stability receiving sensitivity, avoid negative effects from shaking of antenna or frequency change.

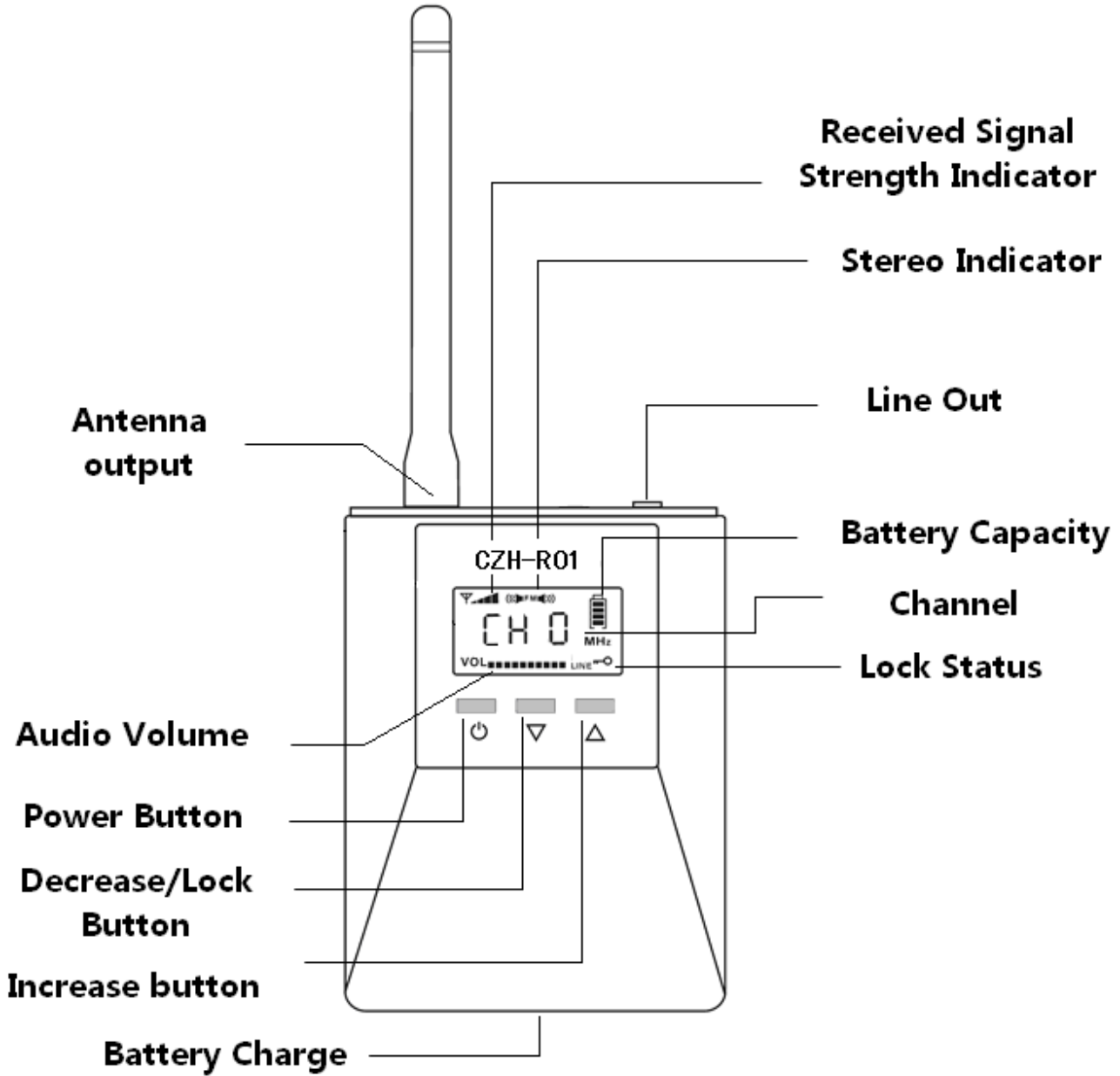
- ◆ Long Working Duration

Adopt full-capacity 1000mA lithium battery, ensure long-time operation.

- ◆ Reasonably Design

Customized chassis is convenient and comfortable to carry, no matter hold in hand or hang on the belt.

### 3. Panel Description



## 4. Operating Instruction

### ◆ Installation of antenna and battery cover

#### ① Installation of antenna

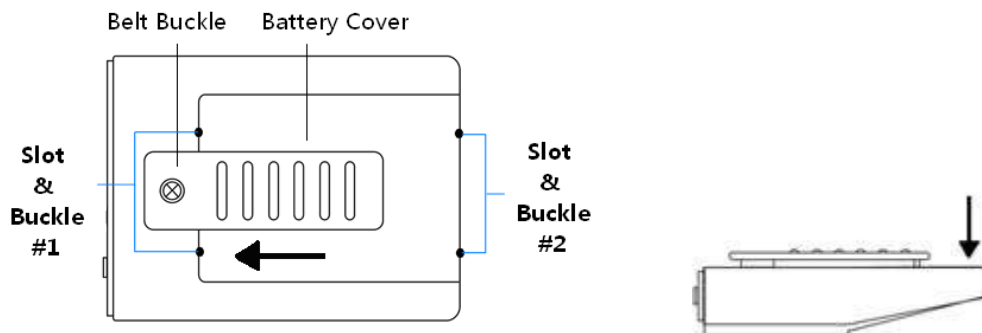
A. Insert the antenna into the antenna port, counterclockwise screw in the antenna and lock it.

B. Clockwise screw out the antenna to uninstall.

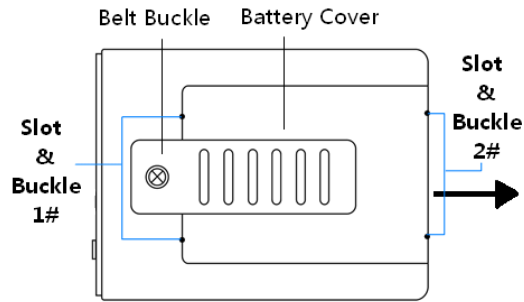
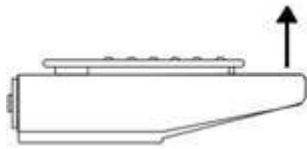
#### ② Installation of battery cover

A. Insert the battery cover into the front buckle slot#1, push the buckle #1 in.

Press the buckle#2 of battery cover, till it is snapped into slot#2.



B. Uncover the buckle#2 of the battery cover, pull the cover out of the buckle#1.



#### ◆ Power On/Off

- ① Power off status, long press the **【⏻】** button to turn on.
- ② Power on status, long press the **【⏻】** button to turn off.

#### ◆ Audio Volume Setting

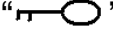
Quick press **【⏻】** button, then the logo “VOL” start twinkling, Press **【▲】** to increase the volume, press **【▼】** to decrease the volume.


#### ◆ Receive Channel Setting

Default working status, press **【▼】** to tune down the frequency; press **【▲】** to tune up the frequency.

#### ◆ Button Lock/Unlock

- ① Default working status, press the hold the power button, the press the up


button 【▲】 ,then the logo “” appears on the screen and it means the buttons are locked.

② At button locked status, press the hold the power button, the press the up button 【▲】 , then the logo “” disappears on the screen and all button are unlocked.


### ◆ **Battery Charging**

① Connect R01 with USB-type power supplier via USB to T-shape connector.

R01 begin to be charged when “” start twinkling.

② Logo “” will stop twinkling, when the battery is full charge of capacity.

Tips: R01 can be charged in the mode of power on/off, please pay attention to:

- a. When battery power is low, “” will become blank. Please charge your R01 in time.
- b. In the status of power off, there is no display when charging.
- c. If you don't use R01, take apart the battery and place in somewhere dry, shady and cool.