

Multifunctional Bicycle Audio

USER MANUAL



Bluetooth

MUSIC MP3

FLASHLIGHT

CARD READER

Note: To protect your benefits and crack down on counterfeit goods, the body of each product is labeled with barcode sticker. Please note that we won't provide any after service and technical support for the products without barcode.

Dear users:

Thanks for purchasing our products.

This product adopts PC-level 32-bit ARM processor and system control technology, integrates Bluetooth function, flashlight, portable power supply, digital playback, AUX-IN and bell, unique cell phone holder and automatic clamping mechanism, and supports 3.5"-5.5" cell phones; it can be interacted and coordinated with cell phones, and it is an advanced and intelligent mobile device. It adopts the optimized Bluetooth EDT technology, supports MP3, WMA and WAV format in TF/USB flash drive media, and uses low-frequency radiator to improve the audio effect and ensure pleasant sound quality and strong penetrating power.

Thanks again for purchasing our sound equipment. To obtain the optimum performance and fully use all available functions, please read this manual carefully and mount properly to avoid unnecessary troubles. Please keep the manual properly for reference in the future.

FCC declaration:

FCC caution: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of FCC Rules. Operations should meet the following two conditions:

- (1) This device may not cause harmful interference,
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Notice:

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:

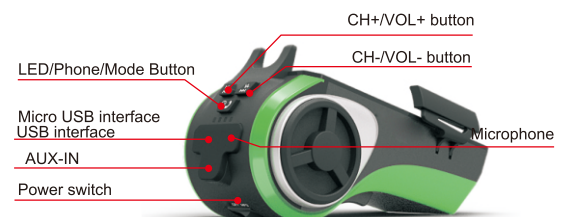
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Product introduction

Accessories:

1. Master unit:1 set
2. Micro 5P data cable:1 piece
3. Mounting bracket:1 piece
4. Rubber mat:2 pieces
5. Product instructions:1 piece
6. Certificate:1 piece
7. External bell:1 piece

>>>Product components



Function and Operation

1. POWER SWITCH: Turning the unit on/off

- Press right to the "On" position to power the unit on; press left to the "Off" position to power off.
- When the power is on (and no external devices are connected), the unit enters Bluetooth mode and prompts "the Bluetooth device is ready to pair."

2. USB INTERFACE: Charging phone and playing music with a flash drive

- Cell phones can be charged through the USB interface when the charging cable is connected and the unit is powered on.
- Plug a USB flash drive with music files into the USB interface and the unit prompts "music play mode." (Supports MP3, WMA, and WAV formats).

3. MICRO USB INTERFACE: Charging the unit and using the optional Bell

- The unit's built-in battery can be charged through the micro USB interface whether the unit is powered on or off. During charging, the 4 battery status LEDs will flash. The LEDs will stop flashing once the battery is fully charged.
- When the unit is initially plugged in for charging, the device will prompt "the Bluetooth device is ready to pair" and remain on regardless of the position of the on/off button. All functionality is available while the device is charging.
- The external bell can be connected through the micro USB interface. Press the button to ring the bell; hold the button in the depressed position for a continuous ring. The unit must be on for the bell to function.

4. LED/PHONE/MODE BUTTON: LED Lights, Bluetooth SpeakerPhone, TF, USB and AUX mode button

- LED on/flashing/off: Press once for continuous LED, depress a second time for flashing LED mode, depress a third time to turn off. NOTE: Answering Bluetooth calls will not change LED mode.
- When the phone is paired with the device via Bluetooth, press the mode button to answer and end calls.
- When the phone is paired with the device via Bluetooth, all smartphone apps with audio (music, radio, fitness apps) will be amplified through the unit's speakers.
- Press and hold the button to switch between Bluetooth, USB, TF, and AUX mode. When any device is unavailable, the corresponding mode will be skipped.

5. CH/VOL BUTTONS: Switching between tracks, raising and lowering volume

- In BT, USB or TF mode, press the ► button to switch to next track; press and hold to raise the volume. The unit will beep at maximum volume.
- In BT, USB or TF mode, press the ◀ button to switch to the previous track; press and hold to lower the volume.

6. TF SLOT: Playing music

- Insert a TF card into the slot until it snaps into place. Use the mode button to switch to TF playback mode; the unit will prompt "music play mode." (Supports MP3 and WMA Format).
- Depress the TF card gently to eject.

7. MICROPHONE: Using the Speakerphone for Bluetooth calls

The microphone is located under the removable waterproof cover next to the micro USB slot. THE REMOVABLE COVER MUST BE OPEN FOR THE MICROPHONE TO FUNCTION PROPERLY.

8. AUX-IN:

For external audio signal input, when an AUX plug is inserted, the unit prompts "AUX input mode".

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Bluetooth Operation

Bluetooth pairing method:

- Select Bluetooth mode and the unit prompts that the Bluetooth device is ready to pair.
- Turn on Bluetooth function of the cell phone, and scan Bluetooth device with the cell phone (Bluetooth ID of the unit is AV127B-BT), and then pair the cell phone with the unit.
- The default pairing password is 0000. When paired successfully, the unit prompts connected successfully; then, open the music player on the cell phone to play music or make calls via Bluetooth. Note: Certain cell phones do not need password and will pair automatically.
- When the unit is turned on, it can be scanned and connected to a cell phone at any time; when paired successfully, it switches to Bluetooth mode automatically; the unit beeps when Bluetooth device is disconnected.

Mounting Holder

- Make sure that the unit power has been cut off, and hold the device in one hand.
- Hold the mount with the other hand, clamp the mount onto the unit as shown below, and then rotate to the direction of the lamp until a click sound is heard.



Mounting cell phone

Stretch the clamping arm. The width is adjustable in the range of 50-86mm and accepts devices smaller than 86mm. It is suitable for most mobile phones, e.g. Apple, Samsung, Huawei, Xiaomi, Sony and TCL.



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Mounting

Mounting unit

- Before mounting, read and understand all steps; put the bicycle on a hard and flat ground.
- Determine the mounting position and ensure that there is sufficient space for the sound equipment.
- Remove screws from the mounting holder, put the non-slip rubber in the holder, and then mount the holder on the handlebar, and re-tighten the screws to prevent loosening.
- Sit on the bicycle, and adjust the sound equipment to desired position.
- Note: The unit should be mounted with the LEDs facing forward and the speakers nearest the rider.
- Turn the handlebar left and right to the limit and ensure that the sound equipment won't interfere with other accessories of the bicycle.



Technical parameters

- Charging voltage/current: 5V/1.5A
- Bluetooth pairing range $\geq 10\text{m}$
- Lamp illumination range $\geq 50\text{m}$
- Cell phone holder range: 50-90mm
- Audio frequency response: 100HZ-18KHZ
- Audio distortion $\leq 1\%$
- Audio SNR $\geq 60\text{dB}$
- Audio output power $\geq 5\text{W}$
- Standby current $\leq 0.2\text{mA}$
- Dustproof/waterproof level: IP54

Tips:

The first charging time of the product is six hours and subsequent charging time is five hours. The duration after fully charged is about 30 hours. If it won't be used for a long time, please charge at least once every month, or else it may damage the battery or shorten its service life.

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