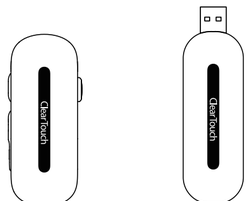
CM100 Microphone Kit

User manual

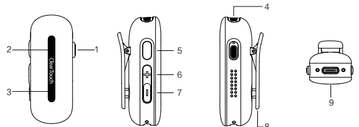


Collar Microphone　　Receiver

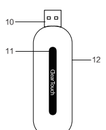
Note: All the pictures in this manual are for reference only, please refer to the actual product.

◆ Appearance introduction

Collar Microphone：

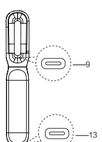


Receiver：



Necklace Component：

Handle Component：



No.	Items	Function description
1	Power button	Slide upwards to power on (automatically enter pairing mode), and slide downwards to power off (red light status).
2	Collar Microphone Indicator light.	① Pairing status: blue light flashing at a frequency of 0.5s until pairing is successful. ② Paired and proper pickup status: blue light on. ③ Paired and muted status: red light on. ④ Low battery status: red light breathing effect. ⑤ Charging status: green light breathing effect. ⑥ Full charge status: green light on.
3	Infrared receiver	When pairing, the infrared receiver should face Receiver and the distance should not exceed 5 meters.
4	Microphone Head	The best sound amplification effect can be achieved when the microphone head is facing the direction of sound pickup.
5	Microphone button	When the device is in working status, short press the button to turn on/off the microphone function.
6	Volume +	Volume+ by one level (out of 5 levels). If it is in mute mode, it can directly cancel themute mode.
7	Volume −	Volume− by one level (out of 5 levels). If it is in mute mode, it can directly cancel the mute mode.
8	Back clip	It is convenient for users to use it in various scenarios
9	USB-C	Charging port, can connect to the necklace component/handle component.
10	USB-A	Connect to tablet device, supporting power supply
11	Receiver Indicator light	The indicator will flash during pairing, and the blue light will stay on when the pairing is successful.
12	AUDIO OUT	Connect to tablet device, output audio
13	USB-C	Charging port

◆ Packing List

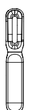
Please check if the following items are included in the product package box:

Collar Microphone × 2

Receiver × 1

Audio Cable × 1

Necklace Component × 1

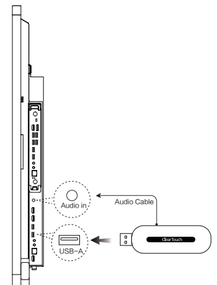


Handle Component × 1

USB Cable(A−C) × 2

◆ Connection and Pairing

1. Prerequisites: This product needs to be used with a wireless microphone receiver, and the wireless microphone receiver is connected to the Clear Touch Interactive Smart Board EK series. Please refer to the following figure.



2. It supports pairing of two Collar Microphone with one receiver. Simply turn on two Collar Microphone one by one for automatic pairing.

3. When using, simply turn on the microphone to enter the pairing mode. At this time, the frequency indication light flashes blue. Place the infrared pairing window of the microphone towards the sound amplification device of the interactive smart board and keep the distance within 5 meters. The microphone can automatically complete the pairing and connection. When the pairing indication light is steady blue and the sound amplification device issues a "beep" prompt, it indicates that the connection and pairing have been successful and can be used normally.

4. This machine has wireless pairing function. When using it with the interactive smart board sound amplification device, simply turn on the microphone and keep it <2 meters away from the sound amplification device. After a short wait, it can automatically complete pairing (when the pairing indication light is steady blue and the sound amplification device issues a "beep" prompt, it indicates that the connection and pairing have been successful and can be used normally).
It is recommended to keep a distance of at least 1 meter between the microphone and the speaker during use.

5. The sound amplification of this machine is realized by using the microphone's built-in pickups. The Collar Microphone receiver is connected to the Clear Touch Interactive Smart Board EK series, and the 3.5mm audio cable is used to connect the Collar Microphone receiver and the Audio in port on the side of the interactive smart board for local sound amplification.

◆ Wearing Method

① Lavalier style: ② Necklace style: ③ Handheld style:

◆ Safety Precautions

Before using and operating this device, please read and comply with the following precautions to avoid danger or illegal operation.

① Usage Environment
Do not use the device in dusty or damp places to avoid internal circuit failure of the device.
Do not place the device near a heated object such as an electric heater.
Normal working temperature of the device is 0~40℃, normal working humidity is 10%~90% RH.

② Children's Health
This device and its accessories may contain some small parts. Please do not place them in places where children can reach to avoid danger.

③ Power Supply
Please use the standard cable of this product.
When no one is indoors or the device is not in use for a long time, please disconnect the power connection.

④ Waterproof
This device is not waterproof. Please keep the device dry.
If the device gets wet, do not charge or turn it on/off.

⑤ Maintenance
Please seek qualified service personnel for all repair services.
When the device is damaged, do not disassemble it for inspection privately. Please call the customer service hotline for repair.
Do not insert any sharp objects into the device.
Do not drop or collide the device to avoid damage to the device.

◆ Statement

① Intellectual property right statement: The hardware design and software of this product are covered by the patents.Anyone who reproduces this product or the content of the instruction without the authorization of the Company shall assume legal liabilities.
② This manual is for reference only, and the actual function of the final product is subject to the actual function of the product received by the customer.
③ The picture is for reference only, please refer to the actual product. The company reserves the right to improve and change the appearance and design of the product without notice.

◆ Precautions

① Avoid the charging cable from adhering to metal devices, which may cause short circuit damage.
② If the product cannot be charged or the charging effect is not good, it is recommended to clean the charging interface of the product and then try to charge it.

◆ Simple Troubleshooting

If the microphone cannot work properly after it is turned on, please troubleshoot according to the following steps:
① Check whether the mute mode is turned on. The mute indication light will be red if it is in mute mode.
② Try to increase the volume of the microphone.
③ Check whether the receiver is powered normally.
④ Check whether it is connected to incorrect devices.

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party. Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the Federal Communications Commission (FCC) the Industry Canada (IC) for this device type when it is tested for the properly worn on the body is under 1g 1.6W/Kg.

The device complies with the RF specifications when the device is used near your at a distance of 0 mm from your body. Ensure that the device accessories such as a device case and a device holster are not composed of metal components. Keep your device 0 mm away from your body to meet the requirement earlier mentioned.

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0 mm must be maintained between the user's body and the product, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

IC Statement

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

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

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) Iutilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le broullage est susceptible d'en compromettre le fonctionnement.

La limite SAR adoptée aux États - Unis et au Canada est de 1,6 Watt / kg (W / kg) en moyenne par gramme de tissu. La valeur SAR la plus élevée rapportée à la Federal Communications Commission (FCC) et à Industrie Canada (IC) pour ce type d'appareil, lorsqu'il est testé pour vérifier qu'il est correctement porté sur le corps, est inférieure à 1 g 1,6 W / kg.

L'appareil est conforme aux spécifications RF lorsqu'il est utilisé près de vous à 0 mm du corps. Assurez - vous que les accessoires de l'équipement, tels que le boîtier de l'équipement et le boîtier de l'équipement, ne sont pas constitués de pièces métalliques. Maintenez l'appareil à une distance de 0 mm du corps pour répondre aux exigences mentionnées précédemment.

L'appareil a été testé pour des opérations de port typiques. Pour être conforme aux exigences d'exposition aux RF, une distance minimale de séparation de 0 mm doit être maintenue entre le corps de l'utilisateur et le produit, y compris l'antenne. Les clips de ceinture de tiers, les étuis et les accessoires similaires utilisés par cet appareil ne doivent contenir aucune pièce métallique. Les accessoires intimes qui ne répondent pas à ces exigences peuvent ne pas répondre aux exigences d'exposition aux RF et doivent être évités. Seules les antennes fournies ou approuvées peuvent être utilisées.

EU Regulatory conformance
The device complies with RF specifications and when used with an accessory that contains no metal and that positions the device a minimum of 0.5 cm from the body.
The SAR limit adopted is 2.0W/kg averaged over 10 grams of tissue. The highest SAR value reported for the device when properly worn on the body complies with the limit.

This product can be used across EU member states, but with restriction.
Restrictions in the 5 GHz band:
According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ),Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain(ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania(LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria(AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK),Finland (FI), Sweden (SE), Turkey (TR), Norway(NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI).
The RLAN function for this device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

CR100 Microphone Receiver

FCC/IC Radiation Exposure Statement:
The equipment complies with FCC/IC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your b ody.

Déclaration d’exposition aux rayonnements:
L’équipement est conforme aux limites d’exposition au rayonnement RSS établies pour les environnements non contrôlés. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps