



GVM

GVM CM2

CONTENTS

Product Features	1 page
Disclaimer	1 page
Product Parameters	2 page
Product Handling Instructions	3~5 page
Package Contents	6 page
Precautions	6 page
Security Information	7 page
Product Warranty	8~9 page

PRODUCT FEATURES

1. Built-in microphone.
2. 2.4G wireless transmission, stable signal, low distortion, low latency, and highly realistic human voice reproduction.
3. The intelligent noise reduction algorithm can meet the sound pickup requirements of any complex environment. The RX noise reduction switch can be used to turn the noise reduction function on or off as needed.
4. The receiver can connect directly to the smartphone without the need for a cable connection.
5. Supports Type-C digital audio output and is compatible with smartphones.
6. TX low battery alert function.
7. TX one-click mute microphone function.
8. Playback without unplugging the receiver.

DISCLAIMER

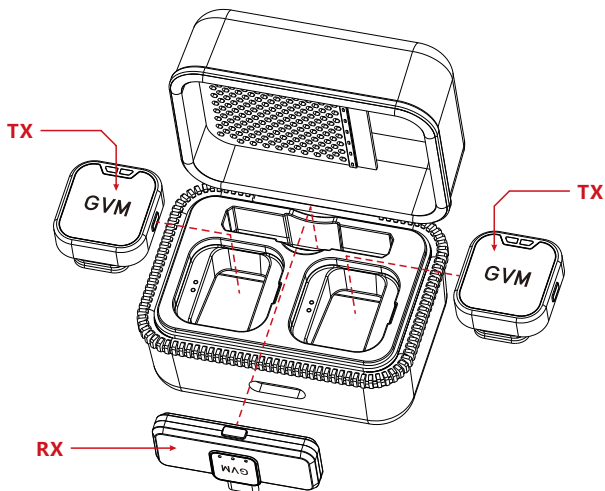
1. Before using this product, please read the following text carefully to ensure proper operation of the product. Failure to follow and operate in accordance with the instructions and precautions in this article may cause injury to you and the people around you, or even damage the product and other surrounding items.
2. Once you use this product, it is deemed that you have carefully read the disclaimer and precautions, understood and recognized all the terms and contents of this statement, and promise to take full responsibility for the use of this product and possible consequences.
3. Design and specifications are subject to change without notice.

PRODUCT PARAMETERS

- ◆ Operating frequency band : 2.4-2.4835GHZ
- ◆ Power supply : Built-in rechargeable 3.7V 60MAH polymer lithium battery
- ◆ Pickup/reception sensitivity : -38DB +/-2dB
- ◆ Maximum sound pressure level (SPL) : 125DB SPL
- ◆ Frequency response : 20HZ-20KHZ
- ◆ Input signal-to-noise ratio : ≥ 73 DB, 1KHZ/1PA
- ◆ Transmission power : 13dBm
- ◆ Receiving sensitivity : -96dBm@GFSK
- ◆ Modulation method : GFSK
- ◆ Transmission bandwidth and sampling rate : 24-bit 96khz
- ◆ Audio output : TX1 and TX2 individual audio tracks, mono and stereo are available for selection
- ◆ Audio output power : Output power, 12DBFS in non-noise cancellation mode, 9DBFS in noise cancellation mode
- ◆ Delay : ≤ 25 mS
- ◆ Transmission distance : ≥ 200 meters (line of sight)
- ◆ Automatic shutdown : The device will automatically shut down when the battery power drops below 3.3V or when there is no connection for 1 minutes
- ◆ Charging limit voltage : 5.2V
- ◆ Charging time : 1.5 hours (charging case), TX 1 hour
- ◆ Battery life : TX ≥ 8 H, 24 hours with charging case
- ◆ Standby power consumption : ≤ 5 uA

PRODUCT HANDLING INSTRUCTIONS

Charging case function



- LED indicators : 4 LED lights display the battery status at 25%, 50%, 75% and 100%.
- Insert TX into the charging case : TX turns off automatically and enters the charging state. When TX is charging, a red light is present; when fully charged, a green light will switch on. After 8 seconds, the charging case enters sleep state. If charging two TX units simultaneously, both need to be fully charged and the green light switched on for the charging case to enter sleep state.
- TX removed from the charging case : Automatic startup.
- Battery compartment battery capacity : 400mAH, maximum charging current 2C.

1 TYPE-C male connector

1. Digital audio output (output power 12DBFS without noise reduction mode, 9DBFS with noise reduction mode), data interaction with mobile phones or computers.
2. Playback without unplugging the receiver. (Mobile phone speaker playback)

2 TYPE-C female connector

1. External 5V power input/Supports simultaneous charging and operation.
2. Playback without unplugging the receiver. (Mobile phone speaker playback)

3 Noise reduction switch/volume adjustment button

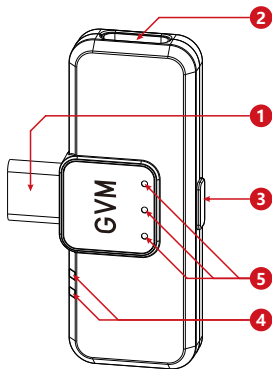
1. Press and hold to activate noise reduction, and the green light will remain on. Press and hold again to turn off the noise reduction, and the green light will go out.
2. Short press to switch between three volume levels: -10 dB, 0 dB, and +12 dB. The exact volume levels can be further adjusted as needed.

4 LED indicators (blue light, red and green dual-color light)

1. When powered on, the RX automatically starts. If no TX is detected, the TX1 and TX2 blue indicators will flash slowly (once per second). When one TX is connected, the TX1 indicator remains solid. When both TX units are connected, both TX1 and TX2 indicators remain solid.
2. Noise Reduction Indicator: When noise reduction is enabled, the green light remains on. When noise reduction is disabled, the green light turns off and the blue light remains on.
3. Mute indicator: When TX1 is muted, the TX1 red light remains on; when TX2 is muted, the TX2 red light remains on. When mute is turned off, the red light turns off and reverts to the previous indicator status (steady blue or green).

5 Volume indicator

The light displays three volume levels — one light indicates level 1, two lights indicate level 2, and all three lights on indicate level 3.



TX

6 PINGOPIN

The TX unit is powered by a built-in rechargeable lithium battery.

7 Built-in microphone

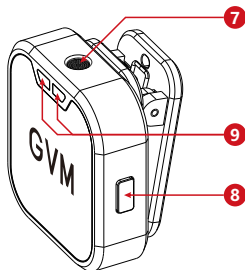
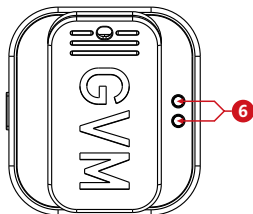
Built-in MIC audio input.

8 On/Key

1. Long press to turn on/off (2 seconds).
2. Press and hold for 5 seconds when the device is off to enter pairing.
3. Press and hold for more than 8 seconds while the device is on to force it to shut down or reset the system.
4. Short press once to Mute/Un-mute the microphone.

9 Indicator Lights (Blue, Red/Green Dual-Color LEDs)

1. TX Status Indicator (Blue Light): Flashes once per second when not connected. Remains solid when successfully connected.
2. TX Pairing Indicator (Blue Light): When powered off, press and hold the Power button for 5 seconds to enter pairing mode. The blue light flashes rapidly (once every 0.5 seconds). If no connection is established within 1 minute, the unit will automatically power off.
3. Noise Reduction Indicator (Green/Blue Light): When noise reduction is enabled, the green light remains on. When disabled, the green light turns off and the blue light remains on.
4. Mute Indicator (Red/Blue/Green Light): When muted, the red light remains on. When mute is turned off, the red light turns off and reverts to the previous indicator status (steady blue or green).
5. Low Battery Indicator (Red Light): Flashes slowly to indicate low battery



PACKAGE CONTENTS

Name	Quantity	Remark
Transmitter	2	
Receiver	1	
Charging Box	1	
TYPE-C Charging Cable	1	
Carrying Case	1	

PRECAUTIONS

In order to avoid personal injury or property damage that may be caused by electric shock, high temperature, fire, radiation, explosion, mechanical hazards and improper use, please read and abide by the following items carefully before using this product:

1. Before use, ensure that the connected devices are compatible with this product's power specifications. Adjust the volume appropriately and avoid operating the product at excessive power or high volume for prolonged periods to prevent malfunction or damage.
2. If any abnormal condition occurs (such as smoke, odor, or unusual noise), immediately turn off the power switch, disconnect the power plug, and contact your dealer for inspection or repair.
3. Store the product and its accessories in a dry, well-ventilated indoor area. Avoid longterm storage in humid or dusty environments. During use, keep the product away from fire, rain, water, excessive impact, throwing, or vibration, and do not block the ventilation openings to prevent functional damage.
4. Operate this product in accordance with relevant safety regulations. Do not use it in locations or under conditions prohibited by law to avoid accidents or legal violations.
5. Do not attempt to disassemble, modify, or repair the product yourself to prevent personal injury or damage. For assistance or service, please contact your authorized local dealer.

SECURITY INFORMATION



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 the FCC Rules. The operation is subject to 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.

NOTE: 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.

NOTE: This device and its antenna(s) must not be co-located or operate in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.



This product should be handed over to an authorized electrical and electronic equipment (WEEE) collection point for recycling. Also, your proper disposal of this product will contribute to the efficient use of natural resources. For more information on where you can recycle your electronic equipment, please contact your local city office, waste authority or household waste disposal service.

PRODUCT WARRANTY

Dear user, this warranty card is important proof for applying for warranty service. Please cooperate with the salesperson to fill it out and keep it properly. Thank you!

Product Information	Model Number	Product Barcode
User Information	Name	Contact Number
	Mailing Address	
Seller Information	Name	
	Contact Number	
	Mailing Address	
	Sales Date	
Remarks		

Note: this form should be confirmed by the salesperson's stamp.

Applicable Products

This document applies to the products listed in the relevant "Product Warranty Information" (see instructions below). Other products or components that do not fall within this scope (such as promotional products, gift items, and other components added after the factory) are not covered by this warranty promise.

Warranty Period

The corresponding warranty period for products and components shall be executed according to the relevant "Product Warranty Information". The warranty period starts from the first day of purchase of the product, and the date of registration on the warranty card at the time of purchase shall prevail.

How to Obtain Warranty Service

You can directly contact the product salesperson or authorized service agency, or call GVM's after-sales service hotline to contact us and have our service personnel arrange service for you. When applying for warranty service, you should provide a valid warranty card as a warranty certificate to be eligible for warranty service. If you cannot provide a valid warranty card, we may also provide you with warranty service under the circumstance that our products or components are confirmed to be within the warranty scope, but this is not our obligation.

Cases where warranty does not apply:

If the product meets the following conditions, the warranty and service under this document will not apply:

1. The product or parts have exceeded the corresponding warranty period.
2. Malfunctions or damages caused by incorrect or improper use, maintenance, or storage, such as improper handling, use for purposes other than the reasonable expectations of the product, incorrect insertion or removal of external devices, falling or crushing due to external force, or exposure to inappropriate temperature, solvents, acids, alkalis, water immersion, or damp environments.
3. Malfunctions or damages caused by unauthorized installation, repair, modification, addition, or disassembly by institutions or personnel not authorized by GVM.
4. Modifications, changes, or removals of the original identification information of the product or its parts.
5. Lack of valid warranty card.
6. Malfunctions or damages caused by the use of unauthorized, non-standard or non-publicly released software.
7. Malfunctions or damages caused by force majeure or accidents;
8. Other malfunctions or damages not caused by quality issues of the product itself. In such cases, you should seek solutions from the relevant responsible parties, and GVM will not be held liable. Malfunctions or damages caused by components, accessories, or software not covered by the warranty or beyond the warranty scope that renders the product unable to function properly are not covered by the warranty. Fading, wear, and consumption that is normal during the product usage process are not covered by the warranty.

**QC
PASS**



GVM Official Website



Facebook

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