



# gemini GMU Series Wireless Microphone System User Manual

[Home](#) » [gemini](#) » gemini GMU Series Wireless Microphone System User Manual 

## Contents

- [1 gemini GMU Series Wireless Microphone System](#)
- [2 Introduction](#)
- [3 PRECAUTIONS](#)
- [4 Operation Instructions](#)
- [5 FAQ](#)
- [6 WARRANTY & REPAIR](#)
- [7 LEGALITY & SAFETY](#)
- [8 DECLARATION OF CONFORMITY](#)
- [9 FCC Compliance Statement](#)
- [10 Documents / Resources](#)
- [11 Related Posts](#)

# gemini®

gemini GMU Series Wireless Microphone System



## Introduction

Thank you for choosing our GMU series, a UHF Wireless System built for low-noise, high sound quality and long transmission distance. With proper care & maintenance, your unit will provide years of reliable, uninterrupted service. The GMU Series is backed by a 1year limited warranty\*.

## Preparing for First Use

Please ensure that you find these accessories included with your GMU Series Wireless System:

### GT-100

- (1) R10 Receiver
- (1) GT10 Transmitter
- (1) USB Charging Cable
- (1) User Manual

### HSL-100

- (1) R10 Receiver
- (1) BT10 Transmitter
- (1) HS10 Headset Microphone
- (1) LAV10 Lavalier Microphone
- (2) AA Batteries
- (1) USB Charging Cable
- (1) User Manual

## **M-100**

- (1) R10 Receiver
- (1) MT10 Handheld Microphone
- (1) USB Charging Cable
- (1) 18650 Lithium Battery
- (1) User Manual

## **M-200**

- (1) R20 Receiver
- (2) MT10 Handheld Microphone
- (1) USB Charging Cable
- (2) 18650 Lithium Batteries
- (1) User Manual

## **CAUTION**

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electrical shock, do not open the Unit other than to change batteries. There are NO USER REPLACEABLE PARTS INSIDE. Please refer servicing to a qualified Gemini service technician. Do not attempt to return this equipment to your dealer.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. Do not expose to water or heat.
7. Do not use cleaning products or lubricants on the controls or switches.
8. Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire, or other hazards.

## **PRECAUTIONS**

### **PLEASE READ CAREFULLY BEFORE PROCEEDING**

- **READ INSTRUCTIONS:** All the safety and operating instructions should be read before the product is operated.
- **RETAIN INSTRUCTIONS:** The safety and operating instructions should be retained for future reference. All the safety and operating instructions should be read before the product is operated.
- **HEED WARNINGS:** All warnings on the product and in the operating instructions should be adhered to.
- **FOLLOW INSTRUCTIONS:** All operating and use instructions should be followed.
- **CLEANING:** The product should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.
- **WATER AND MOISTURE:** Do not use this product near water, for example, near a bathtub, wash bowl, kitchen

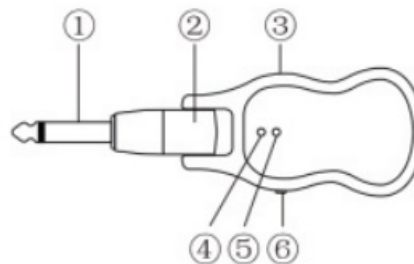
sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

- **DO NOT OPEN:** Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user- serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified GEMINI service personnel.
- **REPLACEMENT PARTS:** When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards
- **CONNECTIONS:** Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

### Product Information Specification:

- **Wireless Range:** >SOM
- **Distortion:** <0.6%
- **Dynamic range:** <'.106dB
- **Frequency Range:** R512-541. 7/ R3 863-865
- **Frequency Response:** 20Hz-18KHz, +1dB/-3dB

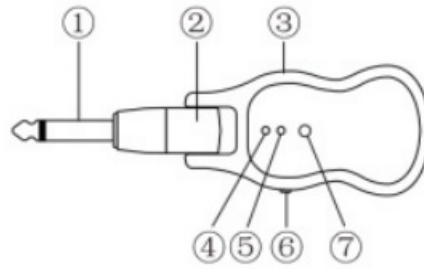
### Receiver (R10/R20)



1. DSig nal out, con n ect to amplifier or pedal etc
2. 280 ° rotating head
3. USB port for charging
4. Power Indicator LED
5. Frequency Indicator LED
6. Power button

When Receiver (R1 O/R20) is powered on, Power Indicator LED (4) will be lit RED. When receiver is plugged into charger, Power Indicator LED (4) will be lit GREEN to indicate charging. Once fully charged, the Power Indicator LED (4) will turn off. When receiver is powered on, the Frequency Indicator LED (5) will be lit WHITE to show successful connection.

### Guitar Transmitter (GT10)



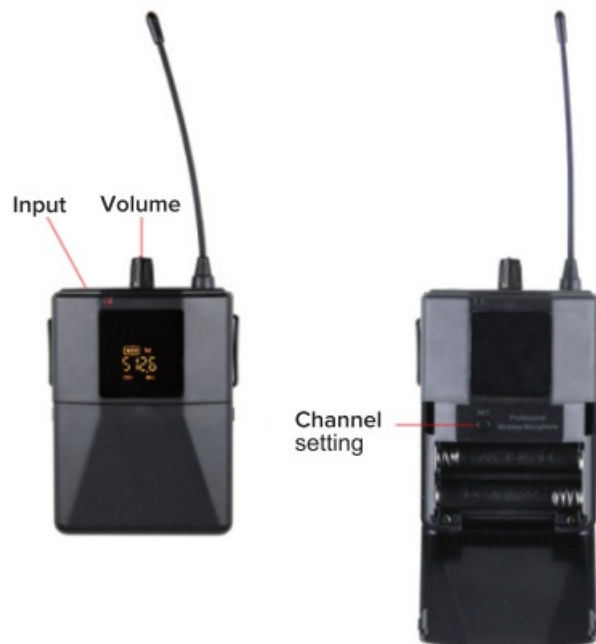
1. (D)Signal in, connect to your electronic instrument, such as electronic guitar and bass
2. 280 ° rotating head
3. USB port for charging
4. Power Indicator LED
5. Frequency Indicator LED
6. Power button
7. Set Button

When Guitar Transmitter (GT10) is powered on, Power Indicator LED (4) will be lit RED. When transmitter is plugged into charger, Power Indicator LED (4) will be lit GREEN to indicate charging. Once fully charged, the Power Indicator LED (4) will turn off. When transmitter is powered on, the Frequency Indicator LED (5) will be light up in WHITE to show when audio is being transmitted.

#### Handheld Microphone (MT10)



#### Bodypack (BT10)



Headset Microphone (HS10)



Lavalier Microphone (LAV10)



## Operation Instructions

Turn on the power supply of receiver and transmitter respectively, the device will connect automatically, indicator LED will be green.

### Changing the Frequency

Turn on the transmitter, then short press the “SET” button to change frequency

### Method of Re-Pairing

1. When the transmitter is turned on, press the SET button first, then hold down the power button at the same time and hold for 3 seconds, the power light will flash and enter the pairing state.
2. At this time, press the receiver switch and turn on the receiver. The frequency indicator of the receiver will flash green and enter pairing state.
3. Wait for 1-2 seconds, once automatic connection is successful, the receiver's frequency indicator will be lit green.
4. Now the transmitter is connected to the instrument, and the receiver is connected to the speaker.
5. After successfully pairing once, it will be automatically matched on future startups.

### Our Wireless System Can Support:

- 6 pairs of devices working without interference – Transmitting one signal to several receivers at the same time.

### Power Supply

The USB to USB-C cable is for charging. Please use this to connect to a USB charging port or a qualified power adapter. While charging, please make sure that device is shut down to avoid the loss of electricity during charging. This can lead to longer charging time and shorter battery life.

## FAQ

- **Q: Device cannot be powered on and doesn't work**

**A:** If the device is unused for a long time, or powered off during low battery but then isn't charged in time, the battery enters into protection mode and you'll need to charge it to activate the battery.

- **Q: Device can be powers on, but cannot operate and no sound at all**

**A:** Check if the pairing is successful, if not, then re-match.

- **Q: Strange noise while in use**

**A:** There is quite strong electromagnetic interference, or the transmission distance is too far, and thus most communication data is lost. Please try to shorten the transmission distance.

- **Q: Loud noise from receiver only when the transmitter is off**

**A:** Interference signal at that frequency, Select another operating frequency.

- **Q: When the system on , Loud noise from receiver even when the transmitter is on.**

**A:** Another transmitter is using the same frequency. Turn off another transmitter or change to a channel with a different frequency.

- **Q: Distorted sound**

**A:** Low transmitter battery level. Replace transmitter battery.

- **Q: Short range or signal dropouts**

**A:** Low transmitter battery Level or Too many obstacles between the receiver and transmitter.

## **WARRANTY & REPAIR**

All Gemini products are designed and manufactured to the highest standards in the industry. With proper care and maintenance, your product will provide years of reliable service. Please be advised that product warranties are only valid in the country of purchase.

### **LIMITED WARRANTY**

- **A.** Gemini warrants its products to be free from defects in materials and workmanship for One (1) year from the original purchase date. Exceptions: Laser assemblies on CD Players, cartridges, batteries and crossfaders are covered for 90 days.
- **B.** This limited warranty does not cover damage or failure caused by abuse, misuse, abnormal use, faulty installation, improper maintenance or any repairs other than those provided by an authorized Gemini Service Center.
- **C.** There are no obligations of liability on the part of Gemini for consequential damages arising out of or in connection with the use or performance of the product or other indirect damages with respect to loss of property, revenues, of profit, or costs of removal, installation, or reinstallation. All implied warranties for Gemini, including implied warranties for fitness, are limited in duration to One (1) year from the original date of purchase, unless otherwise mandated by local statutes.

### **RETURN/REPAIR**

- **A.** In the U.S.A., please call our helpful Customer Service Representatives at (732)346-0061, and they will be happy to give you a Return Authorization Number (RA#) and the address of an authorized service center closest to you.
- **B.** After receiving an RA#, include a copy of the original sales receipt, with defective product and a description of the defect. Send by insured freight to: Gemini, and use the address provided by your customer service representative. Your RA# must be written on the outside of the package, or processing will be delayed indefinitely!
- **C.** Service covered under warranty will be paid for by Gemini and returned to you. For non-warranted products, Gemini will repair your unit after payment is received. Repair charges do not include return freight. Freight charges will be added to the repair charges.

- **D.** On warranty service, you pay for shipping to Gemini, we pay for return shipping within the continental United States. Alaska, Hawaii, Puerto Rico, Canada, Bahamas, and the Virgin Islands will be charged for freight.
- **E.** Please allow 2-4 weeks for return of your product. Under normal circumstances your product will spend no more than 10 working days at Gemini. We are not responsible for shipping times.

## **LEGALITY & SAFETY**

The device is not intended for use by people (including children) with reduced physical, sensory or mental capacity. People who have not read the manual, unless they have received an explanation by someone responsible for their safety, should not use this unit. Children should be monitored to ensure that they do not play with the device. The device should always be readily accessible. The device should not be exposed to water. No objects filled with liquids, such as vases, shall be placed on the device. Always leave a minimum distance of 10 cm around the unit to ensure sufficient ventilation. Open flame sources, such as candles, should not be placed on top of the device. The device is intended for use only in a temperate climate. At full volume, prolonged listening may damage your hearing and cause temporary or permanent deafness, hearing drone, tinnitus, or hyperacusis. Listening at high volume is not recommended. One hour per day is not recommended either. Switch the device off where the use of the device is not allowed or where there is a risk of causing interference or danger – for examples: on an aircraft, or near medical equipment, fuel, chemicals or blasting sites. Check the current laws and regulations regarding the use of this device in the areas where you drive. Do not handle the device when driving. Concentrate fully on driving. All wireless devices are susceptible to interference which may affect their performance. All our devices conform to international/national standards and regulations, and we aim to limit user exposure to electromagnetic fields. These standards and regulations were adopted after the completion of extensive scientific research. This research established no link between the use of the mobile headset and any adverse effects on health if the device is used in accordance with standard practices. Only qualified people are authorized to install or repair this product. Only use batteries, chargers and other accessories which are compatible with this equipment. Do not connect incompatible products. This equipment is not waterproof. Keep it dry. Keep your device in a safe place, out of the reach of young children. The device contains small parts which may present a choking hazard to kids.

## **DECLARATION OF CONFORMITY**

### **Safety and EMC Compliance Specifications**

- **EN 550322:** 2015 Electromagnetic compatibility for multimedia devices: Radiation requirements
- **EN 550355:** 2017 Electromagnetic compatibility of multimedia devices: Antiinterference requirements
- **EN 61000-4-2:** 2009 Electrostatic discharge reactance (Ambient E2- standard B, 4 kV contact, 8 kV air discharge)
- **EN 61000-4-3:** 2006+A1:2008+A2:2010 Radio-frequency ELECTROMAGNETIC interference (AMBIENT E2, standard A)
- **EN 61000-4-4:** 2012 Electrical rapid transient/burst immunity (standard B) EN 61000-4-5:2014+A1:2017 Surge immunity (standard B)
- **EN 61000-4-6:** 2014 Immunity from conductive disturbance caused by radio frequency fields (Standard A)
- **EN 61000-4-11:** 2004+A1:2017 Voltage sags, short breaks, and voltage variations
- **EN 62368-1:2014+A11:** 2017 Audio and video, information technology and communications technology equipment: Security requirements

## **FCC Compliance Statement**



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, and
- (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. 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 interference to radio or television reception, which can be determined by turning the equipment off and then 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 to a different outlet so that the equipment and receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

GMU-G100, GMU-HSL100, GMU-M100, GMU-M200 (FCC ID: 2AWTN-LY825)

If you experience problems with this unit, call 732-346-0061 for Gemini customer service.  
Do not attempt to return this equipment to your dealer Parts of the design of this product may be protected by worldwide patents. Information in this manual is subject to change without notice and does not represent a commitment on the part of the vendor. Gemini shall not be liable for any loss or damage whatsoever arising from the use of information or any error contained in this manual. No part of this manual may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, recommended that all maintenance and service on this product is performed by Gemini or its authorized agents. Gemini will not accept liability for loss or damage caused by maintenance or repair performed by unauthorized personnel.

[WWW.GEMINISOUND.COM](http://WWW.GEMINISOUND.COM)

Documents / Resources

|                                                                                     |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">gemini GMU Series Wireless Microphone System</a> [pdf] User Manual</p> <p>GMU Series Wireless Microphone System, GMU Series, GMU Series Microphone System, Wireless Microphone System, Microphone System, Wireless Microphone, Microphone</p> |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|