

## EJEAS MS8

# EJEAS MS8 Motorcycle Helmet Bluetooth Intercom User Manual

Model: MS8 | Brand: EJEAS

## 1. INTRODUCTION

The EJEAS MS8 is an advanced motorcycle helmet Bluetooth intercom system designed for seamless group communication. Featuring new Mesh technology, Bluetooth 5.1, and CVC noise reduction, it provides stable and clear communication for up to 8 riders. This manual will guide you through the installation, operation, and maintenance of your MS8 intercom system.



Figure 1: EJEAS MS8 Mesh Intercom Units

## 2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 2\* MS8 Mesh Intercom Units
- 2\* Ear Speaker and Two Microphone Sets
- 2\* Accessory Post and Accessory Clip Sets
- 2\* Type-C Charging Cables
- 1\* User Manual



Figure 2: Package Contents

### 3. PRODUCT FEATURES

#### 3.1. 8-Rider Mesh Intercom

The MS8 utilizes new Mesh technology, allowing up to 8 riders to communicate simultaneously. The maximum connection distance for two units is 1.8 KM, extending to approximately 3.5-7 KM for an 8-person group. The system automatically disconnects or reconnects when riders move in or out of the effective range, ensuring continuous communication.

# Sport Mode

## 8 Riders Mesh Intercom

Using the new Mesh technology, within the effective distance, groups can be formed freely; within the effective distance, it can be automatically connected and paired after disconnection.



Mesh Intercom



Listening mode unlimited  
number of connections



Freely form groups  
within the effective distance



Automatically reconnect  
within effective distance

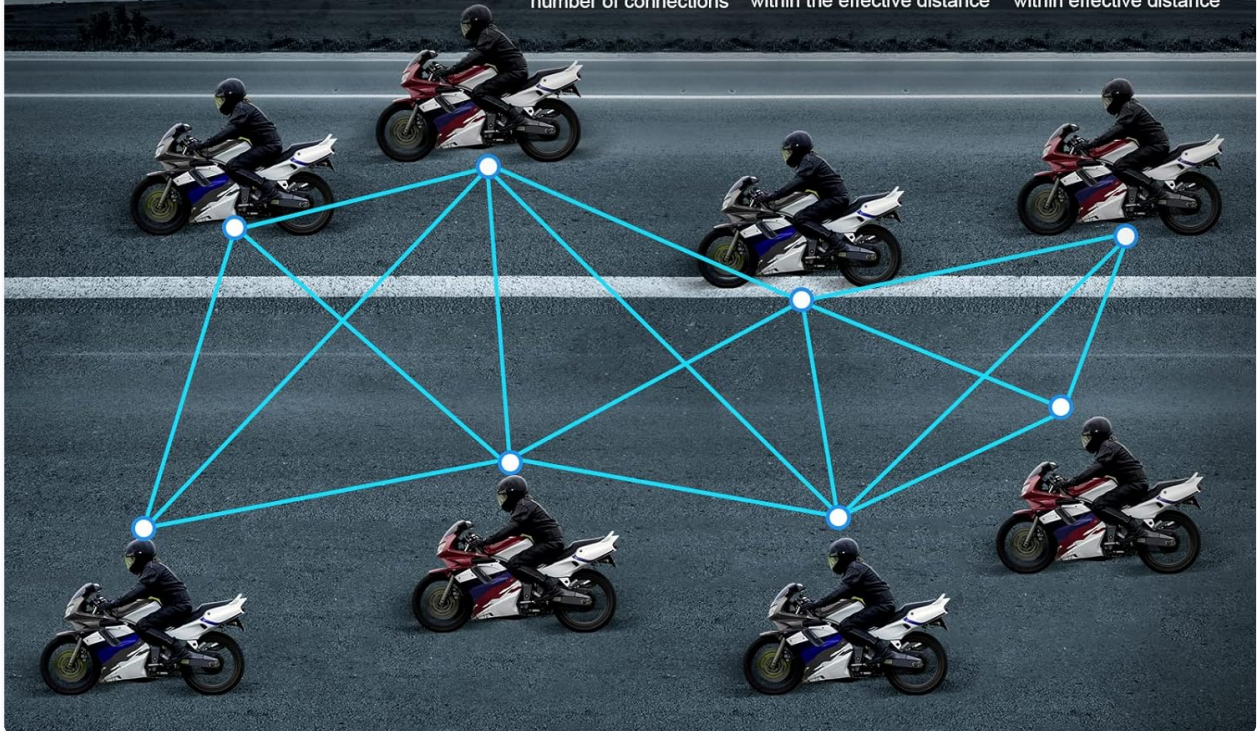


Figure 3: 8-Rider Mesh Intercom Network



# Group of 8 Intercom distance 7000 meters

Wider communication range, stronger penetration, tunnels, steep slopes, roads with heavy traffic flow, etc., Mesh8 has strong penetration and good signal stability. The distance is 7000 meters.

Fast and stable connection of 8 riders

7000M

Icon: A location pin with a circular arrow around it, indicating a range or distance.

Figure 4: Extended Communication Range

### 3.2. Qualcomm Bluetooth 5.1

Equipped with an optimized Qualcomm Bluetooth 5.1 chip, the MS8 offers faster data transmission speeds and a longer, more stable, and reliable connection distance for your communication needs.

# New Upgrade Bluetooth 5.1 Technology



Equipped with 5.1 Bluetooth chip, it has good stability and can keep the connection uninterrupted even at the maximum communication distance of 800 meters. Keeps you connected with your partner while you are riding.

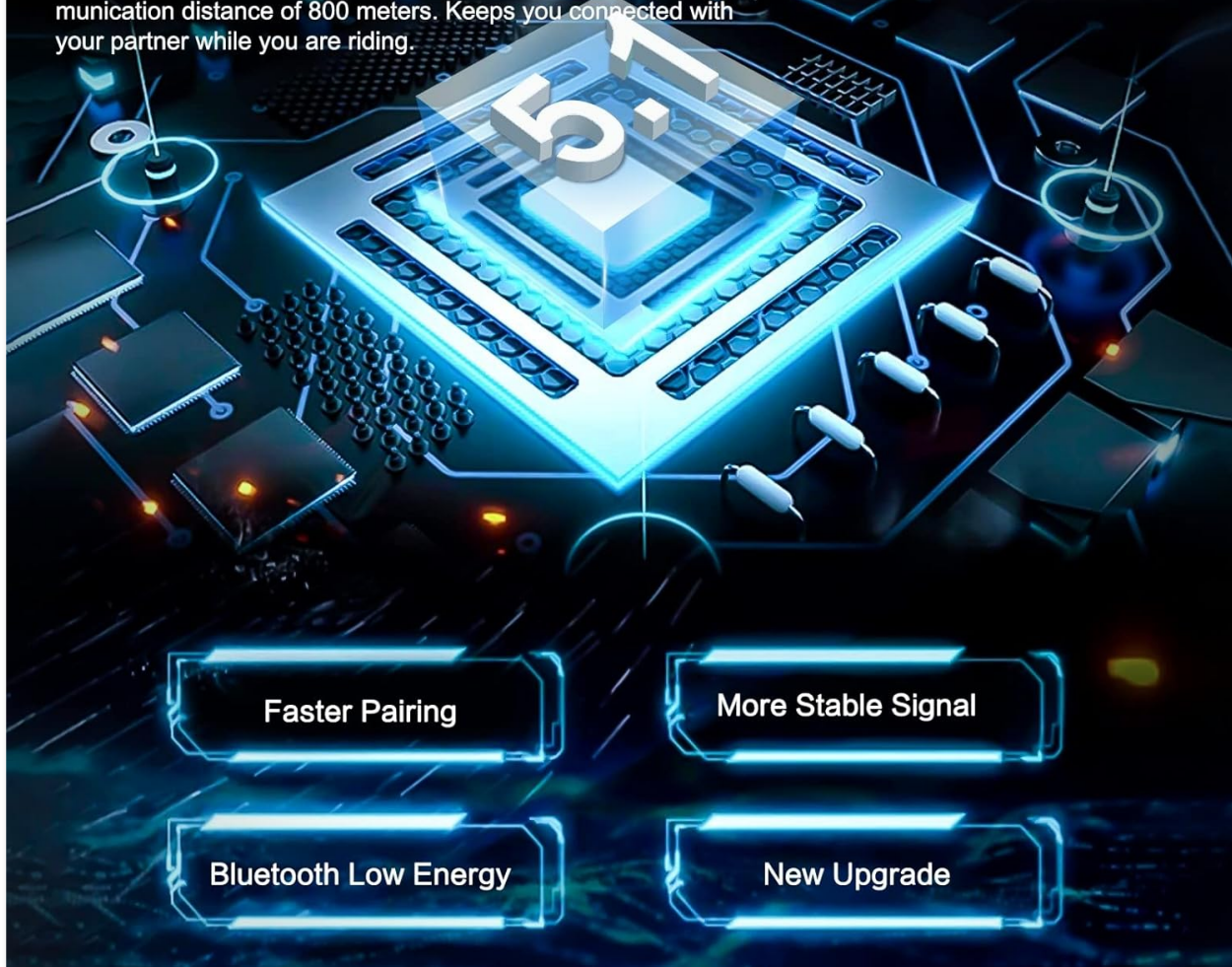


Figure 5: Bluetooth 5.1 Technology

### 3.3. CVC Noise Reduction Technology

The MS8 incorporates advanced CVC (Clear Voice Capture) noise reduction technology to effectively eliminate echo and ambient noise during calls, ensuring crystal clear audio quality even at high speeds.

### 3.4. 1200mAh Large Battery

A high-capacity 1200mAh rechargeable battery provides extended standby and usage times. The Type-C adapter design supports simultaneous charging and operation, ideal for long rides.

### 3.5. Multiple Functions

The MS8 includes an FM radio for listening to music and road conditions. It boasts an IP67 waterproof rating, allowing use in rainy conditions. It is compatible with mobile phones, MP3 players, older EJEAS intercom models, and other Bluetooth devices. Features include auto-receiving calls, last phone number redial, voice assistant, and microphone mute function.



## Resonance function Intercom and music can work at the same time

When the Mesh8 is successfully paired with the mobile phone Bluetooth, it will automatically switch to the Mesh intercom when talking by itself or when others are talking, and automatically resume music playback after no one speaks for 5s.



Figure 6: Intercom and Music Simultaneously

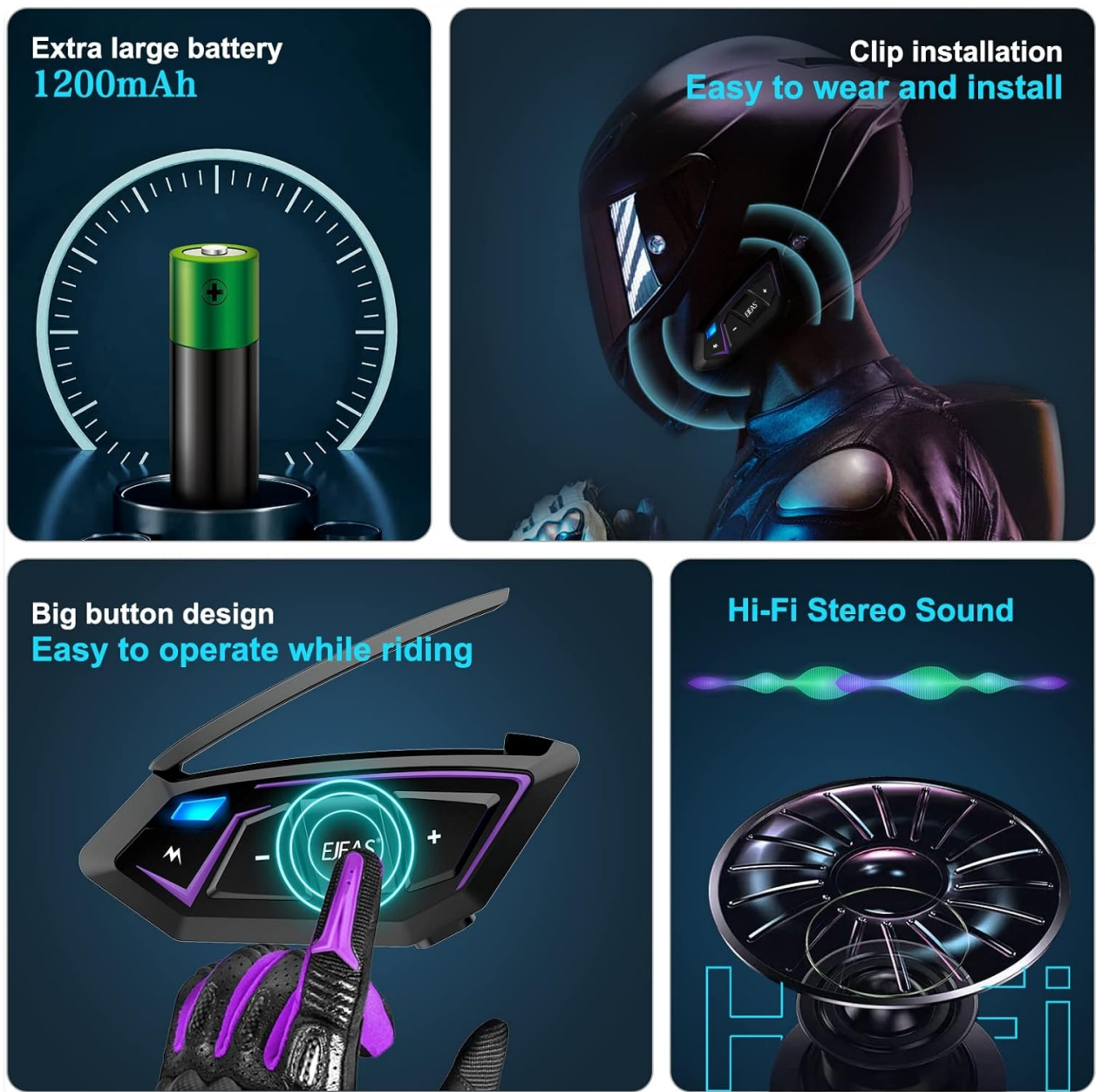


Figure 7: Key Features Overview (Battery, Installation, Controls, Sound)

## 4. SETUP AND INSTALLATION

Proper installation ensures optimal performance and comfort. The MS8 is designed to be compatible with most helmet types.

### 4.1. Mounting the Intercom Unit

There are typically two methods for mounting the MS8 unit to your helmet: a clip mount or an adhesive mount. Choose the method that best suits your helmet and preference.

### 4.2. Installing Speakers and Microphone

Place the speakers inside the helmet's ear pockets, ensuring they are aligned with your ears for clear audio. Secure the microphone in front of your mouth, typically on the left side, ensuring it is close enough to pick up your voice clearly but not obstructing your vision.

### 4.3. Charging the Device

Before first use, fully charge the MS8 unit using the provided Type-C charging cable. Connect the cable to the MS8 unit and a standard USB power adapter (DC5V/1A recommended). The indicator light will show charging status.



Figure 8: Helmet Installation Steps (Clip and Headphone)

## 5. OPERATING INSTRUCTIONS

### 5.1. Power On/Off

- **Power On:** Press and hold the Power button for approximately 3 seconds until the indicator light flashes.
- **Power Off:** Press and hold the Power button for approximately 3 seconds until the indicator light turns off.

### 5.2. Bluetooth Pairing (with Mobile Phone)

1. Ensure the MS8 is powered off.
2. Press and hold the Power button for about 5-7 seconds until the indicator light flashes red and blue alternately, indicating pairing mode.
3. On your mobile phone, enable Bluetooth and search for "EJEAS MS8".
4. Select "EJEAS MS8" to connect. Once connected, the indicator light will flash blue slowly.

### 5.3. Mesh Intercom Operation

The MS8's Mesh Intercom allows for dynamic group communication without traditional pairing.

- **Initiating Mesh Intercom:** With the unit powered on, press the Mesh button (M button) once. The unit will enter Mesh mode and automatically search for other MS8 units within range to form a group.
- **Joining a Group:** Simply power on your MS8 and activate Mesh mode. It will automatically join any active Mesh group within range.
- **Leaving a Group:** Press the Mesh button again to exit Mesh mode.

## 5.4. Music Playback

- **Play/Pause:** Press the Power button once.
- **Next Track:** Press the '+' button.
- **Previous Track:** Press the '-' button.
- **Volume Up:** Press and hold the '+' button.
- **Volume Down:** Press and hold the '-' button.

When in Mesh mode, music will automatically pause when someone speaks and resume after 5 seconds of silence.

## 5.5. FM Radio

- **Turn On/Off FM:** Press the FM button (if available, or a combination of buttons as per specific model instructions).
- **Scan Channels:** Press the '+' or '-' button briefly to scan for the next/previous station.

## 5.6. Phone Calls

- **Answer Call:** Press the Power button once.
- **End Call:** Press the Power button once during a call.
- **Reject Call:** Press and hold the Power button for 2 seconds.
- **Redial Last Number:** Double-press the Power button.
- **Activate Voice Assistant:** Triple-press the Power button.
- **Microphone Mute:** Refer to specific button combination in the quick start guide for this function.

# 6. MAINTENANCE

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- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Care:** To prolong battery life, charge the unit regularly, even if not used for extended periods. Avoid fully discharging the battery frequently.
- **Water Resistance:** While IP67 waterproof, avoid submerging the unit in water for prolonged periods. Ensure the Type-C port cover is securely closed.

# 7. TROUBLESHOOTING

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## 7.1. Device Does Not Power On

Ensure the battery is charged. Connect the unit to a power source and try again after a few minutes of charging.

## 7.2. No Sound from Speakers

Check if the speakers are properly connected to the unit. Ensure the volume is not set to minimum. Verify that the unit is connected to the correct audio source (phone, intercom, FM).

## 7.3. Cannot Pair with Phone/Other Intercoms

Ensure both devices are in pairing mode. Keep devices within close proximity during pairing. If issues persist,

try resetting the MS8 unit (refer to the quick start guide for reset procedure) and re-attempt pairing.

7.4. Intercom Range is Short or Connection is Unstable

Ensure there are no major obstructions between units. Check for strong electromagnetic interference. For Mesh Intercom, ensure all units are within the effective range and not too spread out.

8. SPECIFICATIONS



Figure 9: Product Dimensions and Specifications

Feature	Detail
Model Name	MS8 2Pack
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.1
Intercom Mode	8-person Mesh Intercom, Unlimited listening
Intercom Distance (2 units)	1.8 KM
Intercom Distance (8 units)	3.5-7 KM

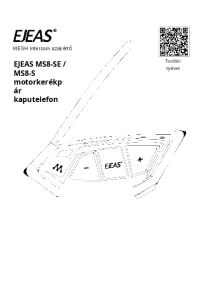
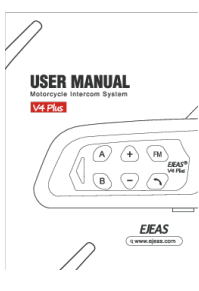
Battery Capacity	1200mAh (3.7V)
Talk Time	7 Hours
Music Time	14 Hours
Standby Time	300 Hours
Charging Time	3 Hours
Charger Specification	Type-C USB (DC5V/1A)
Water Resistance Level	IP67
Noise Reduction	CVC Noise Reduction
Operating Temperature Range	-10 to 50°C
Control Type	Voice Control, Buttons
Material	Plastic

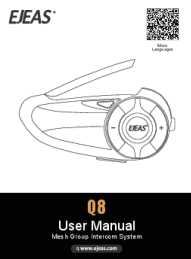

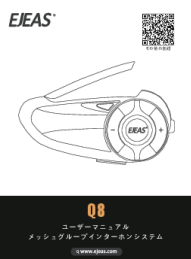

## 9. WARRANTY AND SUPPORT

EJEAS products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official EJEAS website. Please retain your proof of purchase for warranty claims.

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### Related Documents - MS8

	<p><a href="#">EJEAS MS8-SE / MS8-S Motorcycle Intercom: User Manual and Features</a></p> <p>Comprehensive guide to the EJEAS MS8-SE and MS8-S motorcycle intercom systems, covering installation, operation, pairing, features like MESH intercom, Bluetooth, FM radio, voice assistant, and safety information.</p>
	<p><a href="#">EJEAS V4 Plus Motorcycle Intercom System User Manual</a></p> <p>User manual for the EJEAS V4 Plus motorcycle intercom system, detailing product features, installation, operation, Bluetooth pairing, and FCC compliance. This device is a Bluetooth Walkie Talkie for up to 4 riders with a range of 1500 meters and IP65 waterproof rating.</p>

	<p><a href="#">EJEAS Q8 Mesh Group Intercom System User Manual</a></p> <p>Comprehensive user manual for the EJEAS Q8 Mesh Group Intercom System, detailing product features, installation, operation, pairing, and controls for motorcycle communication.</p>
	<p><a href="#">EJEAS AiH2 Motorcycle Helmet Intercom System User Manual</a></p> <p>This user manual provides detailed instructions for operating the EJEAS AiH2 4-people Motorcycle Helmet Intercom System. It covers basic operations, menu navigation, mesh intercom features, mobile phone pairing, call handling, voice assistant, music control, optional remote controller, and firmware upgrades.</p>
	<p><a href="#">EJEAS Q8 Mesh Motorcycle Intercom System User Manual</a></p> <p>Comprehensive user manual for the EJEAS Q8 mesh motorcycle intercom system, detailing features like group intercom, Bluetooth connectivity, music sharing, FM radio, voice assistant, installation, and operation.</p>
	<p><a href="#">Panduan Pengguna EJEAS V6 Pro+ 6-Riders Sistem Interkom Helm Sepeda Motor</a></p> <p>Panduan pengguna lengkap untuk sistem interkom helm Bluetooth EJEAS V6 Pro+ 6-Riders. Pelajari tentang instalasi, pemasangan telepon, fungsi interkom, pengendali jarak jauh EUC, integrasi aplikasi seluler, dan tindakan pencegahan keselamatan untuk pengendara sepeda motor.</p>