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## KEMIMOTO MU-B0117

# KEMIMOTO Motorcycle Speaker MU-B0117 User Manual

Model: MU-B0117

## 1. PRODUCT OVERVIEW

The KEMIMOTO Motorcycle Speaker MU-B0117 is a waterproof stereo sound bar designed for motorcycles and ATVs. It features a built-in amplifier, Bluetooth connectivity, FM radio, AUX input, and USB playback. This speaker is engineered to provide clear audio even at highway speeds.



Image: KEMIMOTO Motorcycle Speaker providing clear audio at highway speeds.

## WHAT IS IN THE BOX



Image: Internal components of the speaker, illustrating the high-performance audio amplifier for clear sound.

## 2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation.

## WIRING INSTRUCTION

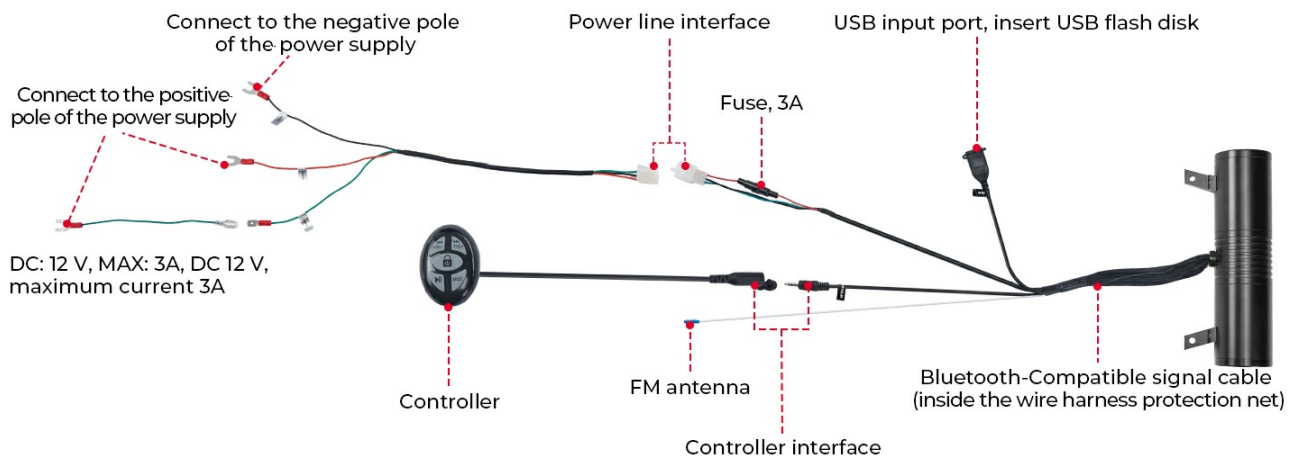


Image: All items included in the KEMIMOTO Motorcycle Speaker package.

- Speaker x 1
- Power cord x 1
- Controller Extension Cable x 1
- Spare fuse x 2
- Controller Power Cord x 1
- Mounting clamp anti-slip pad x 4
- Cable ties x 5
- Controller stand x 1
- Controller x 1
- Hex wrench x 1
- Hexagon socket head screw x 4
- Relax washer x 4

- Nut x 2
- Extension bracket x 2
- Mounting clamp x 2
- Manual x 1

### 3. SETUP AND INSTALLATION

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#### 3.1 Mounting the Speaker

The speaker features a universal mount clamp designed for 0.75-1 inch round rods. Ensure the mounting location is secure and does not obstruct vehicle controls or visibility.



Image: Step-by-step installation of the mounting clamp and speaker onto a handlebar.

1. Attach the mounting clamps to your desired location on the handlebar or round rod.
2. Secure the extension brackets to the clamps.
3. Position the speaker onto the extension brackets and fasten it using the provided screws and washers.
4. Mount the controller using its stand in an easily accessible location.

#### 3.2 Wiring Instructions

The speaker system requires a standard 12V power connection. Use the provided long power cord with ring terminal connectors for a secure connection to your vehicle's battery.



Image: Detailed wiring diagram for the speaker system.

- Connect the red wire to the positive (+) pole of the 12V power supply.

- Connect the black wire to the negative (-) pole of the 12V power supply.
- Ensure the 3A fuse is properly installed in the power line.
- Connect the controller interface cable to the main unit.
- The Bluetooth signal cable is integrated within the wire harness protection net.
- The USB input port is for inserting a USB flash disk for media playback.

Your browser does not support the video tag.

Video: Installation guide for the KEMIMOTO Motorcycle Speaker, demonstrating mounting and wiring steps.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Power On/Off

Press and hold the power button on the controller to turn the speaker system on or off.

### 4.2 Mode Selection

Press the 'MODE' button on the controller to switch between available playback modes: Bluetooth, FM Radio, AUX, and USB.

### 4.3 Bluetooth Connection

To connect a Bluetooth-compatible device:

1. Switch the speaker to Bluetooth mode.
2. Enable Bluetooth on your mobile device (phone, tablet, etc.).
3. Search for available devices and select 'KEMIMOTO Speaker' (or similar name) to pair.
4. Once paired, audio from your device will play through the speaker.



Image: Wireless connection via Bluetooth, showing a phone paired with the speaker.

### 4.4 FM Radio Operation

In FM Radio mode, use the controller buttons to scan for stations, change frequencies, and adjust volume.

### 4.5 AUX Input

Connect an external audio device using a 3.5mm AUX cable to the AUX input port on the speaker system.

### 4.6 USB Playback

Insert a USB flash drive containing audio files into the USB input port for direct playback.

## 5. MAINTENANCE

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### 5.1 Waterproof Design

The KEMIMOTO Motorcycle Speaker features a double waterproof aluminum enclosure. This design protects the speaker from water damage, making it suitable for use in various weather conditions. Ensure all connections are secure to maintain water resistance.

### 5.2 Cleaning

Clean the speaker and controller with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the finish or electronic components.

### 5.3 Fuse Replacement

If the speaker system loses power, check the 3A fuse in the power line. Replace it with a spare fuse of the same rating if necessary. Incorrect fuse replacement can cause damage to the unit or vehicle electrical system.

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## 6. TROUBLESHOOTING

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- **No Power:** Check the power connections to the 12V supply. Ensure the fuse is intact and properly seated. Verify the vehicle's battery has sufficient charge.
- **No Sound:** Confirm the speaker is powered on and the volume is turned up. Check the audio source (Bluetooth, FM, AUX, USB) and ensure it is playing. For Bluetooth, verify the device is paired and connected.
- **Low Volume/Poor Sound Quality:** Adjust the volume on both the speaker and your connected device. Ensure the audio source is of good quality. Check for any obstructions around the speaker. Note that environmental factors like wind noise at high speeds can affect perceived loudness.
- **Bluetooth Disconnection:** Ensure your device is within the 10-meter Bluetooth range. Avoid obstacles that may interfere with the signal. Try re-pairing the device.
- **FM Radio Static:** Ensure the FM antenna is properly connected. Move to an area with better signal reception.
- **Fuse Blows Repeatedly:** This may indicate a short circuit or an electrical issue. Disconnect the speaker and consult a qualified technician. Do not repeatedly replace fuses without addressing the underlying cause.

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## 7. SPECIFICATIONS

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Feature	Specification
Model Name	MU-B0117
Input Voltage	12 Volts
Speaker Maximum Output Power	60 Watts
RMS Power Rating	30 Watts
Material	Aluminum
Mounting Type	Handlebar Mount (for 0.75-1 inch round rods)
Connectivity Technology	Bluetooth, USB, Wireless
Wireless Communication Technology	Bluetooth
Bluetooth Range	10 Meters
Special Feature	USB Port, FM Radio
Is Waterproof	Yes
Product Dimensions	5.11 x 9.44 x 3.15 inches
Item Weight	1.76 pounds (0.8 Kilograms)
Audio Output Mode	Stereo
Frequency Response	100.2 Hz
Control Method	Touch (via controller)



Image: Product dimensions and mounting component measurements.

## 8. WARRANTY AND SUPPORT

This KEMIMOTO product comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact KEMIMOTO customer support.

For technical assistance, troubleshooting, or replacement parts, please visit the official KEMIMOTO website or contact their customer service department.

