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› [STRICH M3 UHF Wireless Microphone XLR Transmitter and Receiver Instruction Manual](#)

STRICH M3

STRICH M3 UHF Wireless Microphone XLR Transmitter and Receiver Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your STRICH M3 UHF Wireless Microphone XLR Transmitter and Receiver system. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Wireless Transmitter
- Wireless Receiver
- USB Type-C Charging Cable
- User Manual
- XLR to 1/4 inch Adapters (x2)



Image: Contents of the STRICH M3 Wireless Microphone System package, including transmitter, receiver, charging cable, user manual, and two XLR to 1/4 inch adapters.

3. KEY FEATURES

- **Lossless High-Resolution Wireless Sound:** Utilizes UHF wireless RF technology with a digital DSP audio chip for extended connection range and superior vocal reproduction. Features a wide-flat frequency response, high

sensitivity, and large dynamic range to minimize distortion.

- **48V Phantom Power Compatible:** Supports plug-and-play for both dynamic microphones and powered condenser microphones. Note: Not compatible with high-capacitance microphones.
- **Stable Signal & Ultra-Low Latency:** Dual built-in antennas ensure stable, rapid signal transmission with a wireless audio range of 30-50m (98-164ft). Experience ultra-low latency (5ms) for synchronized audio.
- **Long-Lasting Battery Life:** Equipped with a 1000Ah rechargeable lithium battery, offering 5-8 hours of use per full charge.
- **Adjustable Gain Modes:** Switch between MIC and LINE modes to fine-tune gain for specific scenarios, maximizing compatibility.
- **Versatile Scene Compatibility:** Includes 6.35 mm XLR adapters for compatibility with guitars, electronic keyboards, mixers, home theaters, KTV systems, and PA systems.
- **Unique Mic Lock Mechanism:** Ensures a stable connection between the microphone and the wireless system, preventing unexpected disconnections.



Image: The STRICH M3 system features an upgraded processing chip for natural, crisp voice reproduction.

4. SETUP INSTRUCTIONS

1. **Charge the Devices:** Before first use, fully charge both the transmitter and receiver using the provided USB Type-C cable. The battery indicator on the display will show charging status.
2. **Power On:** Press and hold the "POWER" button on both the transmitter and receiver for approximately 3 seconds until the display illuminates and shows "hello". The devices will automatically pair.
3. **Connect the Receiver:** Plug the receiver directly into the XLR input of your audio mixer, PA system, or other compatible audio interface. If your device uses a 1/4 inch input, use one of the provided XLR to 1/4 inch adapters.
4. **Connect the Transmitter to Microphone:**
 - For dynamic microphones, simply plug the microphone's XLR output directly into the transmitter's XLR input.
 - For condenser microphones requiring phantom power, ensure the 48V phantom power is activated on the transmitter by pressing the "48V" button. Plug the condenser microphone's XLR output into the transmitter.
 - For instruments like guitars or keyboards with 1/4 inch outputs, use the appropriate XLR to 1/4 inch adapter to connect to the transmitter.
5. **Secure the Microphone (Optional):** If using with a microphone, twist the mic lock mechanism on the transmitter to secure it firmly to the microphone, preventing accidental disconnection.



Mixer



48V



PA System



**XLR-Input
Audio Gear**

Image: The unique mic lock mechanism on the STRICH M3 transmitter ensures a stable and secure connection to your microphone.



Image: The STRICH M3 system demonstrating wide adaptability with various audio equipment including recorders, DJ mixers, speakers, PA systems, condenser mics, and dynamic mics.

5. OPERATING INSTRUCTIONS

- Channel Selection:** The STRICH M3 system offers 16 channels. To change the channel, double-click the power button on the transmitter. The receiver will automatically sync to the new channel. This helps avoid interference in environments with multiple wireless devices.
- Gain Mode Adjustment:** Press and hold the "MIC/LINE" button on the transmitter to switch between MIC and LINE gain modes. Select the appropriate mode based on the input source (microphone or line-level instrument) to optimize audio levels.
- Phantom Power (48V) Activation:** For condenser microphones that require external power, press the "48V" button on the transmitter to activate phantom power. Ensure your microphone is compatible before activating.
- Monitoring:** Ensure your audio mixer or PA system is properly configured to receive the signal from the STRICH M3 receiver. Adjust volume levels on your main audio equipment as needed.
- Multiple Units:** The system supports up to 8 groups of equipment simultaneously. Ensure each pair of transmitter and receiver is set to a unique channel to prevent interference.

STRICH M3

Wireless XLR Mic Adapter for Varied Venues

For Performers & Musicians



Image: The STRICH M3 system can support up to 8 groups of equipment simultaneously, allowing for multiple wireless microphones or instruments in a single setup.



Video: This video demonstrates the STRICH M3 UHF Wireless Microphone XLR Transmitter and Receiver in operation, highlighting its features and ease of use.

6. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the exterior of the transmitter and receiver. Avoid using liquid cleaners or solvents, as these may damage the device.
- Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure the devices are fully charged before storage and periodically recharged to maintain battery health.
- Battery Care:** Do not attempt to replace the internal lithium battery. If battery performance significantly degrades, contact customer support.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	<ul style="list-style-type: none">Devices not powered on.Not paired correctly.Low battery.Incorrect gain mode (MIC/LINE).Phantom power not activated for condenser mic.Receiver not connected to audio input.	<ul style="list-style-type: none">Ensure both transmitter and receiver are powered on.Verify both devices display the same frequency.Charge both devices fully.Switch gain mode to match input source.Activate 48V phantom power on transmitter for condenser mics.Ensure receiver is securely plugged into audio input.

Problem	Possible Cause	Solution
Interference/Poor Signal	<ul style="list-style-type: none"> Other wireless devices on same frequency. Obstructions between transmitter and receiver. Exceeding maximum range. 	<ul style="list-style-type: none"> Change the operating channel on the transmitter (double-click power button). Reduce physical obstructions. Ensure devices are within the 30-50m (98-164ft) operating range.
Short Battery Life	<ul style="list-style-type: none"> Incomplete charging. Aging battery. 	<ul style="list-style-type: none"> Ensure devices are fully charged (5-8 hours runtime). Contact customer support if battery life remains significantly short after full charge.

8. SPECIFICATIONS

Feature	Detail
Model Number	M3
Product Dimensions	6.81 x 6.3 x 1.77 inches; 13.44 ounces
Brand	STRICH
Connector Type	UHF
Cable Type	USB Type-C
Compatible Devices	Dynamic Microphone, PA System, DJ Mixer, Recorder, Condenser Microphone (with 48V phantom power)
Latency	<5ms (ultra-low delay)
SNR (Signal-to-Noise Ratio)	110dB
Sampling Rate	44kHz (CD-quality audio)
Frequency Range	560.000–590.000MHz
Channels	16 channels
Channel Spacing	0.5–2.5MHz
Frequency Response	40Hz–20kHz (flat response)
Power Supply	3.7V 1000Ah rechargeable lithium battery
Battery Life	5-8 hours per full charge



Support 4 Sets in The Same Place Simultaneously

Image: Detailed dimensions of the STRICH M3 wireless transmitter and receiver units.

9. WARRANTY AND SUPPORT

STRICH is committed to providing quality products and excellent customer service. For any inquiries or issues, please refer to the following:

- **Warranty Services:** The product typically includes up to a 12-month warranty. Please retain your proof of purchase for warranty claims.
- **Return Policy:** A 30-day free return policy is generally available. Refer to your purchase platform for specific return instructions.
- **Customer Support:** For prompt assistance, contact STRICH customer service. Email chat assistance is typically available within 24 hours.



Image: STRICH Customer Care details, including prompt response, warranty services, and return policy.