

SYNCO G2A2MAX

SYNCO G2(A2) MAX Wireless Microphone User Manual

Model: G2A2MAX - Built-in Recording without Charging Case

Brand: SYNCO

INTRODUCTION

This user manual provides comprehensive instructions for operating and maintaining your SYNCO G2(A2) MAX Wireless Microphone system. Designed for vlogging, interviews, online classes, and various content creation scenarios, this 2.4G dual transmitter system offers reliable audio capture with built-in recording capabilities and extended battery life.

WHAT'S IN THE BOX

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RX Receiver x1
TX Transmitter x2
3-in-1 Charging Cable x1
External Lav Mic (With Wind Muff) x2
Mic Windshield x2
Carrying Bag x1
3.5mm TRRS Camera Cable x1
3.5mm TRRS Phone Cable x1
Magnet x2
User Manual X1



An overview of all components included in the SYNCO G2(A2) MAX Wireless Microphone system package.

- SYNCO G2(A2) MAX Receiver (RX) x1
- SYNCO G2(A2) MAX Transmitter (TX) x2
- 3-in-1 Charging Cable x1
- External Lav Mic (With Wind Muff) x2
- Mic Windshield x2
- Carrying Bag x1
- 3.5mm TRRS Phone Cable x1
- 3.5mm TRS Camera Cable x1
- Magnet x2

- User Manual x1

SETUP GUIDE

1. Initial Charging

Before first use, ensure all units (transmitters and receiver) are fully charged using the provided 3-in-1 charging cable. Connect the cable to a USB power source. The display screens will indicate charging status.

2. Power On and Automatic Pairing

Simply power on both the transmitter(s) and the receiver. The units are designed to pair automatically upon power-up, indicated by a stable connection icon on their TFT display screens. No complicated manual pairing is required.



The SYNCO G2(A2) MAX system, showing the two transmitters and one receiver, ready for use.

3. Connecting to Your Device

Use the appropriate 3.5mm cable (TRRS for smartphones/laptops, TRS for cameras) to connect the receiver to your recording device. The system is compatible with DSLR cameras, smartphones, laptops, and tablets.



The SYNCO G2(A2) MAX is compatible with a wide range of devices, including DSLR cameras, smartphones, laptops, and tablets.

OPERATING INSTRUCTIONS

1. Built-in Recording Function

The SYNCO G2(A2) MAX transmitters include internal memory for backup recording. This ensures audio capture even if the wireless connection is interrupted. To activate or deactivate internal storage recording, long press the internal storage recording button on the TX unit for 3 seconds.



Approx 24H of Recording Storage



8GB

Internal Storage Recording

One TX supports built-in recording for 5 hours at a time, providing reliable backup for youtube/vlog , interviews, video conference , etc.

The transmitter's display indicates internal recording status and available storage, providing a reliable backup.

2. Dual-Channel System & Output Modes

The system supports two transmitters simultaneously with one receiver. You can switch between Mono, Stereo, or Safety output modes for flexible post-processing. The newly upgraded Safety mode helps prevent whistling sounds, ensuring cleaner audio.

DUAL-CHANNEL SYSTEM



Internal and external microphones

The dual-channel system allows simultaneous recording from two sources, ideal for interviews or two-person shoots.

3. Noise Reduction & Gain Control

Utilize the One-Touch Noise Cancellation feature to minimize background noise. The gain control offers 0-6 levels, allowing precise optimization of signal levels to ensure clear and high-fidelity sound without being too quiet or too loud.

TWO-STAGE NOISE CANCELATION & GAIN CONTROL

Before



L-Level
REC 00:00:09
A

H-Level
REC 00:00:09
A

After





The gain control largely ranges(6 Levels)



Easily manage audio quality with one-touch noise cancellation and adjustable gain control.

4. Stable Transmission Range

The G2(A2) MAX utilizes secure 2.4GHz digital transmission and Syncoder Tech, providing a stable transmission range of up to 656 ft (200 m) in Line-of-Sight (LOS) conditions.

656FT LONG-RANGE TRANSMISSION

2.4GHz digital stable transmission up to 656ft(200m)

Experience reliable audio transmission over long distances with the 2.4GHz digital system.

5. TFT Display Screens

The bright, high-contrast TFT display screens on both transmitters and receiver intuitively show current recording mode, battery status, audio level, gain settings, and more, ensuring clear visibility in various lighting conditions.

6. One-Button Muting & Real-Time Monitoring

A dedicated mute button allows for quick audio pauses without powering off the system. The receiver features a 3.5mm headphone jack for real-time audio monitoring during recording, enabling you to check sound quality directly.

7. Working Time

The system provides up to 8 hours of working time on a single charge, suitable for extended recording sessions.

UP TO 8H WORKING TIME

8 Hours



The SYNCO G2(A2) MAX offers up to 8 hours of continuous operation, supporting long recording sessions.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using harsh chemicals or abrasive materials.

- **Storage:** Store the microphone system in its carrying bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, fully charge the units before long periods of inactivity. Avoid completely draining the batteries regularly.
- **Wind Muffs:** Regularly clean or replace the mic windshields/wind muffs to ensure clear audio and prevent debris buildup.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	Units not paired; incorrect cable connection; low battery; device input issue.	Ensure units are powered on and paired. Check cable connection to recording device. Charge batteries. Verify device's audio input settings.
Poor Sound Quality (Static/Distortion)	Interference; gain too high/low; microphone too far/close; wind noise.	Move away from other 2.4GHz devices. Adjust gain levels. Position microphone correctly. Use wind muff. Try Noise Cancellation.
Units Not Pairing	Too far apart; interference; power cycle needed.	Bring units closer. Power off and on all units. Avoid strong Wi-Fi signals.
Internal Recording Not Working	Feature not activated; memory full.	Long press TX recording button for 3 seconds to activate. Transfer/delete old recordings to free up space.

SPECIFICATIONS

Feature	Detail
Brand	SYNCO
Model Number	G2(A2)
Power Source	Battery Powered
Battery Type	Lithium Ion (1 required)
Signal-to-Noise Ratio	70 dB
Hardware Platform	Camera, Smartphone, Tablet
Number of Channels	2
Frequency Response	2.4 GHz
Item Weight	13.4 ounces
Connectivity Technology	2.4GHz
Connector Type	3.5 mm Jack, USB Type-C
Special Features	1-Touch Recording, Clip, Mute Function, Noise Reduction, Volume Control
Polar Pattern	Omnidirectional

Feature	Detail
Audio Sensitivity	30 dB
Microphone Form Factor	Lavalier

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official SYNCO website or the warranty card included with your product. If you encounter any issues not covered in this manual or require further assistance, please contact SYNCO customer support.

You can also download the full user guide in PDF format for more detailed information:

[Download User Guide \(PDF\)](#)