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› [SYNCO](#) /

› [SYNCO Wireless Lavalier Microphone G2\(A2\) Pro User Manual](#)

SYNCO G2A2PRO

SYNCO Wireless Lavalier Microphone G2(A2) Pro User Manual

Brand: SYNCO

Model: G2A2PRO (SYCNO G wireless mics)

INTRODUCTION & OVERVIEW

The SYNCO Wireless Lavalier Microphone G2(A2) Pro is a 2.4G dual lapel microphone system designed for high-quality audio capture. It offers robust features for various applications including online classes, vlogging, live streaming, YouTube content creation, and recording with cameras, smartphones, and tablets.

- **Powerful Charging Case:** Provides up to 24 hours of continuous working time, ideal for extended use. Each TX and RX unit also features a Type-C port for direct charging during operation.
- **Digital 2.4GHz & Auto-Pairing:** Utilizes the 2.4GHz frequency spectrum and Syncoder technology for a secure, stable, and hassle-free audio system. Supports automatic connection upon power-on.
- **200 M Transmission & One-Touch Noise Cancellation:** Achieves stable and anti-interference signals up to 656 ft/200 m (Line of Sight) with low 20 ms latency. Integrated DSP technology optimizes audio instantly and offers one-touch noise cancellation.
- **Mute Function & Three Usage Modes:** Features a power/mute button on the transmitter to pause audio recording. Offers stereo, monaural, and safety channel modes for versatile shooting scenarios.
- **Real-Time Audio Monitoring & Volume Control:** Includes a 3.5 mm TRS earphone jack on the receiver for real-time audio monitoring. Volume levels can be adjusted on each transmitter.
- **Wide Compatibility:** Suitable for iPhone/iPad/Android smartphones, DSLR cameras, camcorders, laptops, audio recorders, and computers.

WHAT'S IN THE Box

The SYNCO G2(A2) Pro package includes all necessary components for immediate use:

- 1x RX Receiver
- 2x TX Transmitters
- 1x Carrying & Charging Box
- 1x Type C - Type C Cable
- 1x Type C - USB A Adapter
- 2x External Lav Mics (with Wind Muffs)
- 2x Mic Windshields

- 1x 3.5mm TRRS Smartphone Cable
- 1x 3.5mm TRS Camera Cable
- 1x Type-C to Lightning Adapter
- 2x Magnets
- 1x User Manual



Figure 1: All components included in the SYNCO G2(A2) Pro package.

For a visual unboxing experience, please refer to the official seller videos below:

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Video 1: "Let's see what's we get in the G2A2 PRO box" - An unboxing video showcasing the contents of the package.

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Video 2: "SYNCO G2A2PRO wireless lavalier microphone unboxing" - Another detailed unboxing video of the microphone system.

SETUP

Before first use, ensure all units (transmitters and receiver) are fully charged using the provided charging case or Type-C cables. Remove any protective films from charging contacts if present.

WIRELESS CHARGING CASE, HASSLE-FREE RECORDING

Not only for charging, also for storage.



2H
Full Charge

24H
Usage Time
(with charging case)

8H
Working Long

Figure 2: The charging case provides power to the transmitter and receiver units. The case itself can be charged via USB-C.

Connecting to Devices

The G2(A2) Pro system supports various devices. Ensure you use the correct cable for your specific device:

- **Smartphones/Tablets (Android):** Use the Type C - Type C Cable.
- **Smartphones/Tablets (iPhone/iPad):** Use the 3.5mm TRRS Smartphone Cable with a Lightning to 3.5mm adapter

(not included).

- **DSLR Cameras/Camcorders:** Use the 3.5mm TRS Camera Cable.
- **Computers/Laptops:** Use the Type C - Type C Cable or Type C - USB A Adapter if needed.

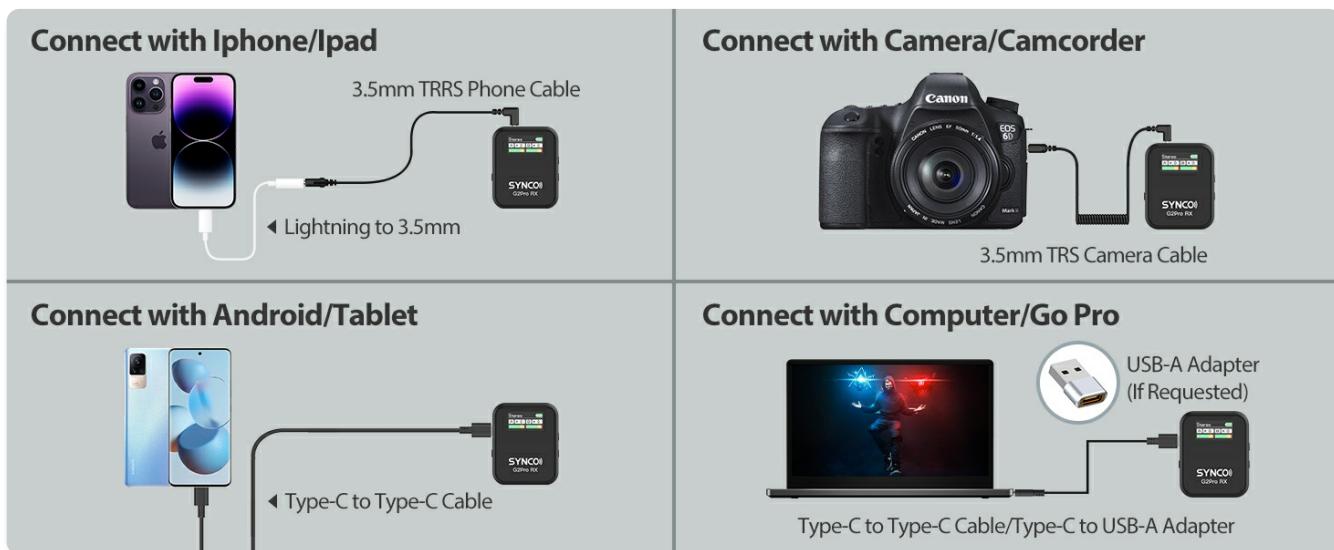


Figure 3: Connection diagrams for smartphones, cameras, and computers.

The system supports automatic connection between TX & RX after power on. Manual pairing is also possible if needed.

OPERATING INSTRUCTIONS

Power On/Off & Pairing

- To power on/off, press and hold the power button on each TX and RX unit.
- Units should auto-pair upon power-on. If not, refer to the user manual for manual pairing instructions.

Mute Function

- Simply press the transmitter's power/mute button to pause audio recording during filming.

Noise Cancellation & Gain Control

INTELLIGENT NOISE CANCELLATION & GAIN CONTROL



Figure 4: Visual representation of noise cancellation and 6-level gain control.

- Activate one-touch noise cancellation for clearer audio, especially in noisy environments.
- Adjust the volume/gain levels on each transmitter to optimize signal levels. The system offers 6 levels of gain control.

Monitoring Audio

- Plug in 3.5 mm TRS earphones into the receiver's earphone jack to monitor audio in real-time.

Usage Modes

- Switch between Stereo, Monaural, and Safety Channel modes on the receiver depending on your recording needs. The safety channel mode helps prevent sound blasting and howling.

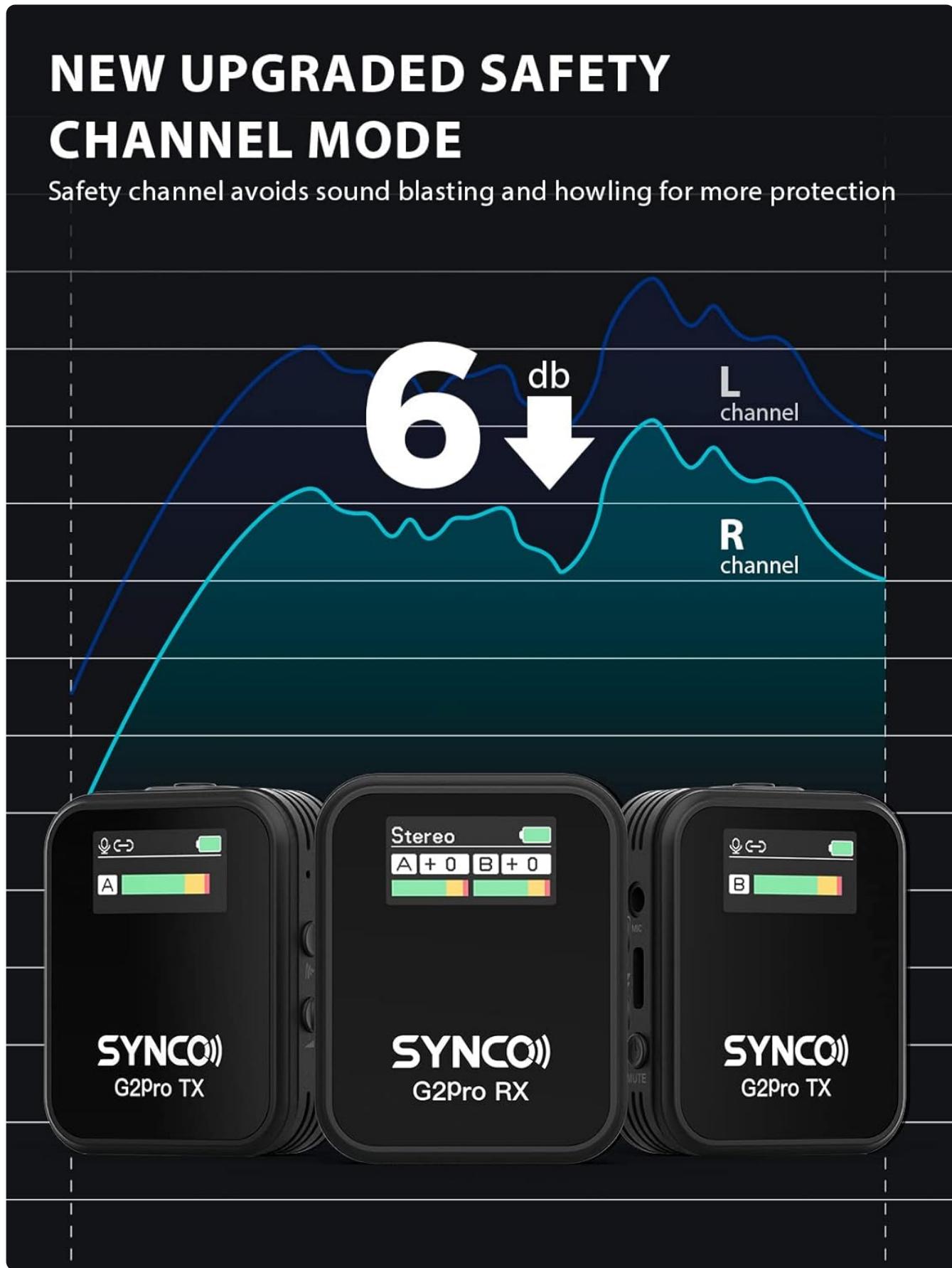


Figure 5: The safety channel mode provides an additional 6dB lower recording for backup.

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Video 3: "SYNCO G2A2PRO Wireless Lavalier Microphone test" - A comprehensive test of the microphone's features and audio quality.

MAINTENANCE

To ensure the longevity and optimal performance of your SYNCO G2(A2) Pro microphone system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units and charging case. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphone system in its charging case when not in use to protect it from dust, moisture, and physical damage.
- **Battery Care:** For long-term storage, ensure the batteries are partially charged (around 50%) to maintain battery health. Avoid fully discharging or overcharging for extended periods.
- **Wind Muffs:** Regularly clean or replace the wind muffs to ensure effective noise reduction and clear audio.

TROUBLESHOOTING

If you encounter issues with your SYNCO G2(A2) Pro, try the following troubleshooting steps:

- **No Audio Output:**
 - Ensure all units are powered on and properly paired.
 - Check cable connections between the receiver and your recording device.
 - Verify that the recording device's input settings are correctly configured to recognize an external microphone.
 - Adjust the gain levels on the transmitters and the volume on your recording device.
- **Poor Audio Quality/Noise:**
 - Activate the one-touch noise cancellation feature.
 - Ensure wind muffs are properly installed on external lav mics.
 - Check for obstructions between the transmitter and receiver that might interfere with the signal.
 - Reduce the distance between the transmitter and receiver if experiencing signal drops.
- **Charging Issues:**
 - Ensure the charging case is charged. Check the battery indicator lights on the case.
 - Verify that the units are correctly seated in the charging contacts within the case.
 - Try charging units directly using a Type-C cable.

SPECIFICATIONS

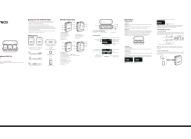
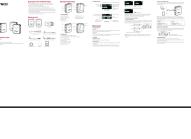
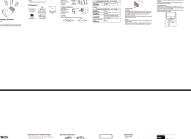
Feature	Detail
Brand	SYNCO
Model Name	G2 Pro (G2A2PRO)
Connectivity Technology	2.4GHZ
Connector Type	USB Type-C, 3.5 mm Jack

Special Features	Clip, Battery Indicator Light, Mute Function, Noise Reduction, Dual-Channel System
Compatible Devices	Laptop, Camcorder, Audio Mixer, Camera, Smartphone
Polar Pattern	Omnidirectional
Audio Sensitivity	85 dB
Signal-to-Noise Ratio	86 dB
Item Weight	1.04 pounds
Product Dimensions	8.03 x 3.9 x 2.52 inches
Power Source	Battery Powered (1 Lithium Ion battery included)

WARRANTY & SUPPORT

For warranty information, technical support, or any inquiries regarding your SYNCO G2(A2) Pro Wireless Lavalier Microphone, please visit the official SYNCO website or contact their customer service directly. Refer to the user manual for specific contact details.

Related Documents - G2A2PRO

	<u>SYNCO G1(A2) Wireless Lavalier Microphone System User Manual</u> User manual for the SYNCO G1(A2) Wireless Lavalier Microphone System, detailing product instructions, specifications, and warranty information.
	<u>SYNCO G2A2 Pro Wireless Microphone System: User Manual, Setup, and Specifications</u> Get detailed instructions for the SYNCO G2A2 Pro wireless microphone system. Learn about setup, operation, pairing, audio output, specifications, and warranty from SYNCO.
	<u>SYNCO G2(A2) Wireless Microphone System User Manual</u> Comprehensive user manual for the SYNCO G2(A2) wireless microphone system, detailing setup, operation, features, specifications, and warranty information for optimal audio recording.
	<u>SYNCO P2 Series Wireless Microphone System User Manual</u> Comprehensive user manual for the SYNCO P2 Series wireless microphone system, detailing product features, operation, specifications, and warranty information.
	<u>SYNCO G2A2 Pro Wireless Microphone System User Manual</u> Comprehensive user manual for the SYNCO G2A2 Pro wireless lavalier microphone system, detailing setup, operation, specifications, and warranty information for professional audio recording.
	<u>SYNCO G2 Wireless Microphone Connection Guide</u> A comprehensive guide detailing how to connect the SYNCO G2 wireless microphone system to various devices including iPhones, iPads, Android tablets, cameras, laptops, Zoom recorders, and GoPros.

