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› SYNCO G2(A2) 2.4GHz Wireless Lavalier Microphone System User Manual

SYNCO G2(A2)

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USER MANUAL

Introduction

The SYNCO G2(A2) is a 2.4GHz wireless lavalier microphone system designed for capturing clear, high-quality audio. This system is compatible with a wide range of devices, including smartphones, DSLR cameras, and camcorders, making it ideal for various content creation scenarios such as vlogging, interviews, and live streaming. This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your SYNCO G2(A2) system to ensure optimal performance.

Package Contents

Elementos Imprescindibles Para La Creación De Contenido

- 1 Bolsa De Transporte x1
- 2 Transmisor x2
- 3 Receptor x1
- 4 Manual De Usuario x1
- 5 Imán x2
- 6 Micrófono Lavalier Externo (Con Paraviento) x2
- 7 Cable De Carga 3 en 1 x1
- 8 Paraviento Para Micrófono x2
- 9 Cable De Teléfono 3,5 mm TRRS x1
- 10 Cable De Cámara 3,5 mm TRS x1



All components included in the SYNCO G2(A2) wireless microphone system package.

- SYNCO G2 Receiver (RX) x1
- SYNCO G2 Transmitter (TX) x2
- Carrying Bag x1
- Microphone Windscreen x2 (for built-in TX mics)
- External Lavalier Microphones x2
- Lavalier Microphone Clips x2

- Furry Windshields for Lavalier Microphones x2
- Neodymium Magnets x2
- 3.5mm TRS-TRS Cable x1 (for cameras)
- 3.5mm TRS-TRRS Cable x1 (for smartphones)
- USB-A to 3 USB-C Charging Cable x1
- User Manual x1
- Pairing/Reset Pin x1

Product Overview

		 Micrófono De Video Con Cable
Transmisión	Sin Cable	Restricciones De Cable
Capacidad De Ocultación	✓	✗
Movilidad	Movimiento Libre	Restringido
Número De Usuarios	Duo or Solo	Solo Solo
Tipo De Conector	Conector De 3,5 mm, USB Tipo-C	Conector De 3,5 mm
Compatibilidad	Cámara/Teléfono/PC Y Otros	Cámara/Teléfono
Escenarios Adecuados	Ancho	Limitado

The SYNCO G2(A2) supports dual-channel recording with both internal and external microphone options.

Components

- **Transmitter (TX):** Each compact unit features a built-in omnidirectional microphone, a 3.5mm input for an external lavalier microphone, a power/mute button, gain control buttons, and a clear TFT display.
- **Receiver (RX):** This unit includes a 3.5mm output for connecting to your recording device, a 3.5mm headphone jack for real-time audio monitoring, a power button, and a TFT display.

Key Features

- **TFT Display:** Bright, high-contrast screens on both TX and RX units provide intuitive visual feedback on current recording mode, battery status, audio levels, and gain settings.
- **Dual-Channel System:** The G2(A2) can simultaneously handle two transmitters and one receiver, allowing for flexible two-person recording setups.
- **Compact and Portable Design:** Each unit weighs approximately 39g and measures 52 x 42 x 17 mm, ensuring easy portability and discreet placement.
- **Versatile Mounting:** Units can be clipped directly to clothing or attached using the included neodymium magnets for various discreet mounting options.

Protege Tu Audio

Canal Derecho Reducido En -6dB Para Evitar El Clipping En Postproducción



The high-definition TFT display provides clear information on device status.

Setup

1. Charging the Units

Before first use, fully charge both transmitters and the receiver. Use the provided USB-A to 3 USB-C charging cable. Connect the USB-A end to a power adapter (not included) and the three USB-C ends to the charging ports on the TX and RX units. A full charge takes approximately 1.5 hours and provides up to 8 hours of operation.

The collage consists of six images arranged in a 2x3 grid. The top-left image shows a blue infinity symbol with the text 'Encendido Para Conectar Fácil De Usar'. The top-middle image shows the transmitter and receiver units with the text 'Pantalla TFT Con Colores Más Vivos'. The top-right image shows various electronic devices (phone, camera, tablet, laptop) with the text 'Alta Compatibilidad'. The bottom-left image shows a waveform and a unit with the text 'Cancelación De Ruido De 2 Niveles'. The bottom-middle image shows the transmitter and receiver units with the text 'Alcance De Transmisión De 200 m / 656 Pies'. The bottom-right image shows a close-up of the units with the text '48KHZ 24BIT'.

Charging the compact SYNCO G2(A2) units for extended use.

2. Power On/Off

Press and hold the power button on each transmitter and the receiver for a few seconds to turn them on or off. The TFT display will illuminate upon powering on.

3. Pairing

The SYNCO G2(A2) units are typically pre-paired at the factory. If re-pairing is necessary, consult the detailed instructions in the full user manual or use the provided pairing/reset pin if a reset button is present.

4. Connecting to Recording Devices

Grabación Multi-Dispositivo Simplificada



The SYNCO G2(A2) offers multi-device compatibility for simplified recording.

- **For Cameras (DSLR/Camcorder):** Use the supplied 3.5mm TRS-TRS cable. Connect one end to the RX's 3.5mm output and the other end to your camera's microphone input.
- **For Smartphones/Tablets:** Use the supplied 3.5mm TRS-TRRS cable. Connect one end to the RX's 3.5mm output and the other end to your smartphone's headphone/microphone jack. For devices without a 3.5mm jack, a compatible USB-C or Lightning adapter (not included) is required.
- **For Computers/Laptops:** Connect the receiver to your computer's microphone input using the appropriate 3.5mm cable, or via USB-C if your receiver supports digital audio output through its USB-C port.

Pantalla TFT HD

Ve Cada Detalle, Perfecciona Tu Sonido



Experience stable audio transmission up to 200 meters (656 feet) with the SYNCO G2(A2).

Operating Instructions

1. Microphone Selection

You can use the built-in omnidirectional microphone on the TX unit by clipping it directly to your clothing. Alternatively, connect one of the external lavalier microphones to the 3.5mm input jack on the TX unit for more discreet placement. Ensure the external mic is securely connected.

2. Gain Control

Adjust the audio input gain on the transmitter to optimize signal levels. The SYNCO G2(A2) offers 0 to 5 levels of gain control. Monitor the audio levels on the TX and RX displays to prevent clipping or excessively low volume.

3. Low-Cut Filter

Activate the 150Hz low-cut filter on the transmitter to reduce unwanted low-frequency noise such as wind, air conditioning hum, or traffic rumble. This helps in achieving clearer audio, especially in outdoor or noisy environments.

4. Mute Function

Press the mute button on the transmitter to temporarily silence the microphone. This is useful for brief pauses during recording or conversations. The TFT screen will clearly indicate when the microphone is muted.

5. Real-time Monitoring

Connect headphones to the 3.5mm headphone jack on the receiver to monitor your audio in real-time. This allows you to check audio quality and levels during recording, ensuring optimal sound capture.

6. Output Mode Selection (Mono/Stereo/Safety)

The receiver offers three output modes:

- **Mono Mode:** Combines the audio from both transmitters into a single mono track.
- **Stereo Mode:** Records each transmitter's audio to a separate left and right channel, providing greater flexibility in post-production.
- **Safety Track Mode:** Records a secondary audio track at -6dB alongside the main track. This acts as a backup, preventing audio clipping if the main track's levels unexpectedly peak.



The safety track mode helps protect your audio from clipping during recording.

Maintenance

- **Cleaning:** Gently wipe the units with a soft, dry cloth. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the device's finish or internal components.
- **Battery Care:** To prolong battery life, avoid fully discharging the units frequently. Recharge them regularly, even if not in constant use. Store the devices in a cool, dry place when not in use for extended periods.
- **Storage:** Always store the SYNCO G2(A2) system in its provided carrying bag to protect it from dust, moisture, and physical damage.

Troubleshooting

If you encounter issues with your SYNCO G2(A2) system, please refer to the following common problems and solutions:

- **No Sound or Low Volume:**
 - Ensure all cables are securely connected to both the microphone system and your recording device.
 - Verify that both the transmitter(s) and receiver are powered on and properly paired.
 - Adjust the gain levels on the transmitter and the input volume on your recording device.
 - Check the battery levels of all units.
- **Interference or Poor Signal Quality:**
 - Ensure the transmitter and receiver are within the specified 200m (656ft) line-of-sight range.
 - Minimize physical obstacles (walls, large objects) between the TX and RX units.
 - Avoid operating near other 2.4GHz wireless devices that may cause interference.
- **Distorted Audio:**
 - Reduce the gain levels on the transmitter to prevent audio clipping.
 - Ensure the low-cut filter is not inadvertently cutting desired frequencies.
 - Consider using the safety track mode to provide a -6dB backup recording.

Specifications

Graba Sonido Profesional Sobre La Marcha

48KHz 24Bit

Calidad De Sonido

120dB

SPL Máximo

50Hz-20KHz

Rango De Frecuencia



Professional audio specifications for the SYNCO G2(A2) system.

Feature	Detail
Model	SYNCO G2(A2)
Wireless Frequency	2.4 GHz (2400-2483.5 MHz)
Transmission Range	Up to 200m (656ft) Line-of-Sight
Audio Frequency Response	50Hz - 20KHz
Audio Quality	48KHz, 24-bit
Signal-to-Noise Ratio (SNR)	80 dB
Polar Pattern	Omnidirectional

Channels	2 (Dual-channel system)
Connectivity	3.5mm Jack, USB Type-C
Compatible Devices	Smartphones, DSLR Cameras, Camcorders, Laptops, Audio Recorders, Computers
Battery Life	Up to 8 hours
Charging Time	Approx. 1.5 hours
Weight (each unit)	Approx. 39g
Dimensions (each unit)	52 x 42 x 17 mm
Material	Polycarbonate
Special Features	Noise Reduction, Low-Cut Filter, Real-time Monitoring, Mono/Stereo/Safety Modes

Warranty and Support

Warranty: The SYNCO G2(A2) system comes with a 365-day (1-year) warranty from the date of purchase. Please retain your proof of purchase for all warranty claims.

Customer Support: For any questions, technical assistance, or warranty inquiries, please contact SYNCO customer service. Our dedicated support team aims to respond to all email inquiries within 24 hours on working days, providing comprehensive solutions to ensure your satisfaction.

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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