

SYNCO G2A1 Wireless Microphone System



SYNCO G2A1 Wireless Microphone System User Manual

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SYNCO G2A1 Wireless Microphone System



Product Information

Specifications:

- TX Transmitter: External Mic Input, Type-C Charging Port, On/Off Button, Built-in Mic, Display Screen, Noise Reduction, Gain Adjustment of TX, Magnet Pocket Clip
- RX Receiver: Type-C Charging Port/Digital Output, On/Off Button (Mono/Stereo/Safety Channel), 3.5mm TRS Output, 3.5mm Monitoring Port, Display Screen, Gain Adjustment of TX A/B, Magnet Pocket Clip

Product Usage Instructions

Power On/Off:

- **Power On:** Long press the power button for 3 seconds to turn on the TX and RX. The display screen will light up.
- **Power Off:** Long press the power button for 3 seconds to turn off the TX and RX. The display screen will turn off.

Pairing:

- **Automatic Pairing:** The TX/RX automatically pair after turning on.
- **Manual Pairing:** Long press both transmitter and receiver for 3 seconds to power off. After shutdown, long press both power buttons for 8 seconds to enter the connecting state.

Connection Status: Disconnected, Connecting, Successfully Connected.

Channel Output Connection:

The receiver outputs audio via a 3.5mm OUT output using a 3.5mm TRRS phone cable or a 3.5mm TRS camera cable.

Note: Only TRS interface microphones are supported.

Real-time Monitoring:

The receiver's 3.5mm monitoring port supports digital monitoring to monitor both transmitter sound and device input sound simultaneously.

Note: Ensure correct microphone insertion and volume control settings.

FAQ

What cables are included in the package?

The package includes a 2-in-1 charging cable, external lav mic with wind muff, 3.5mm TRRS phone cable, and a 3.5mm TRS camera cable.

How do I adjust the volume on the transmitter?

To adjust volume on the transmitter, press the gain adjustment button for 6 levels (0-3-6-9-12-15).

Thank you for choosing SYNCO product.

Please read this manual carefully before use and follow all instructions mentioned herein.

Caring For Your SYNCO Product

- Please keep the product in a dry, clean, dust-free environment.
- Keep corrosive chemicals, liquids and heat source away from the product to prevent mechanics damage.
- Use only a soft and dry cloth for cleaning the product.
- Malfunction may be caused by dropping, impact of external force.
- Do not attempt to disassemble the product. Doing so voids warranty.
- Please have the product checked or repaired by authorized technicians if any malfunctions happened.
- Failure to follow all the instructions may result in mechanics damage.
- Warranty does not apply to human errors.

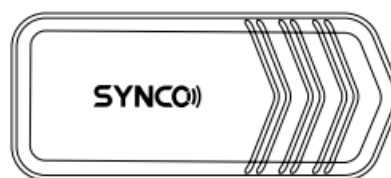
Package List



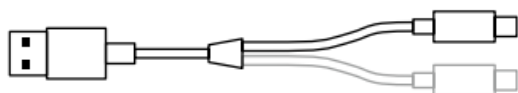
RX Receiver x1



TX Transmitter
x1



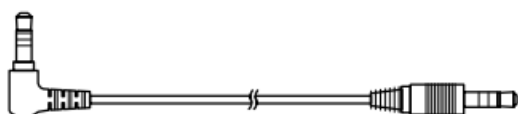
Carrying Bag x1



2-in-1 Charging Cable x1



External Lav Mic (With Wind Muff) x1



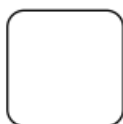
3.5mm TRRS Phone Cable x1



3.5mm TRS Camera Cable x1



Mic Windshield x1

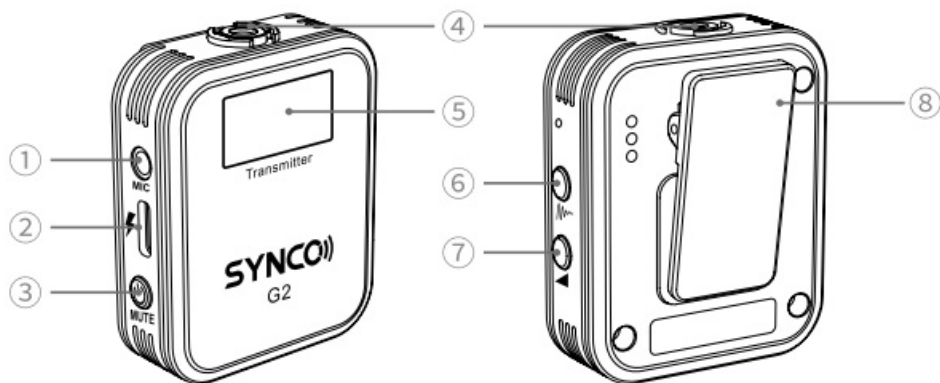


Magnet x1



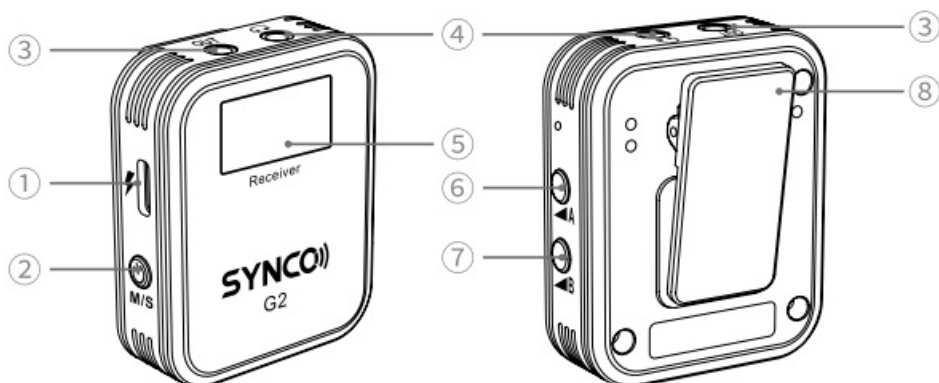
User Manual X1

Product Instruction



TX Transmitter

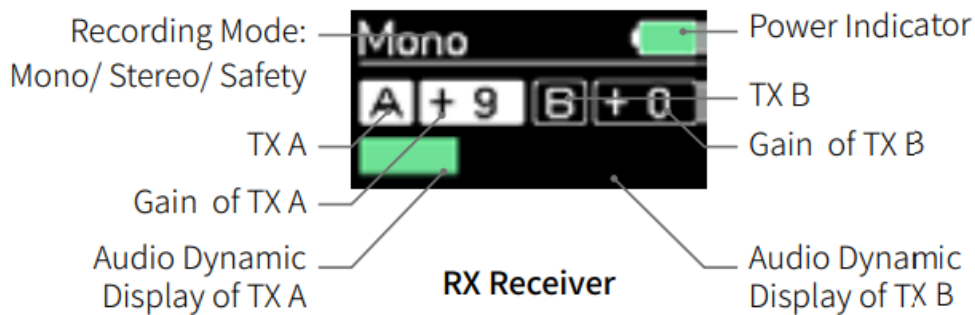
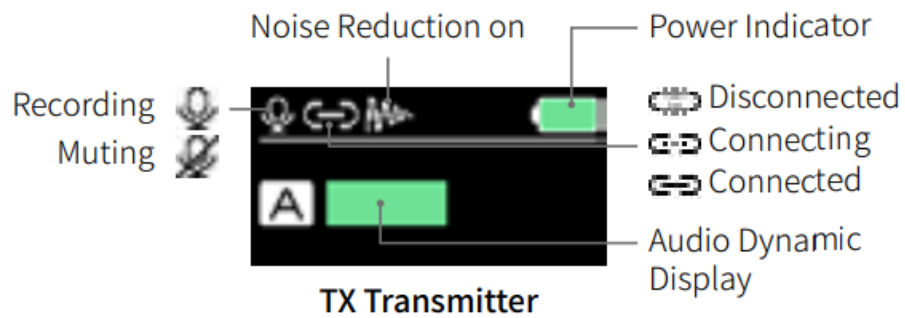
1. External Mic Input
2. Type-C Charging Port
3. On/ Off Button
4. Built-in Mic
5. Display Screen
6. Noise Reduction
7. Gain Adjustment of TX
8. Magnet Pocket Clip



RX Receiver

1. Type-C Charging Port / Digital Output
2. On/ Off Button (Mono / Stereo / Safety Channel)
3. 3.5mm TRS Output
4. 3.5mm Monitoring Port
5. Display Screen
6. Gain Adjustment of TX A
7. Gain Adjustment of TX B
8. Magnet Pocket Clip

Display Screen



Operations

Power On/ Off

- **Power On**

The TX and RX automatically turn on when long press the power button for 3 seconds, and the display screen lights up.

- **Power Off**

The TX and RX automatically turn off when long press the power button for 3 seconds, and the display screen lights off.

Pairing

Automatic Pairing

Automatically pairing after the TX/RX turns on.


Manual Pairing

1. Long press the transmitter and receiver at the same time for 3 seconds to power off .
2. After shutdown, long press the power button of the transmitter and receiver for 8 seconds at the same time to enter the [connecting] state.



3. Successfully Connected show as the picture



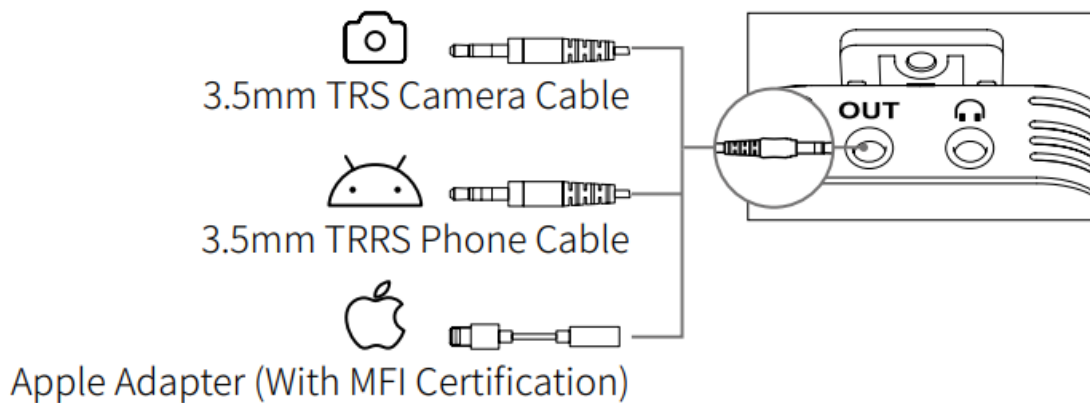
 Connected

Note: Before successful connection, the transmitter channel displays A by default. The transmitter connected to the receiver first is the transmitter A, and the later one is the transmitter B.

Channel output connection

1. 3.5mm OUT output

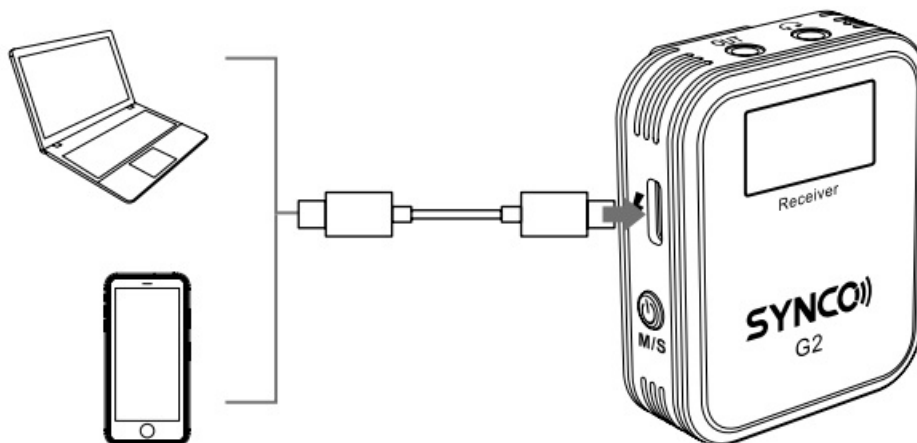
The receiver outputs the audio signal to the recording device via either a 3.5mm TRRS phone cable or a 3.5mm TRS camera cable. Please use the appropriate cable according to your device.



Note: When using an external microphone, please insert it correctly into the microphone input jack. Only TRS interface microphones are supported.

2. Type-C port digital output

The receiver Type-C port has a digital output function, which can directly use the Type-C to Type-C cable to output mobile phones or computers and other **devices**.

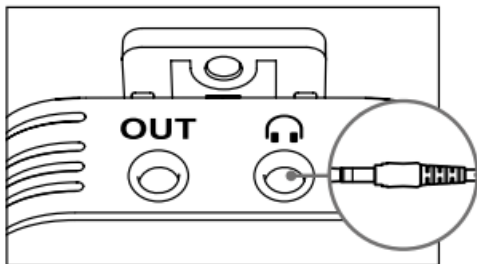


Note: When connecting the computer, enter the sound Settings and set the input microphone to SYNCO G2Pro to use G2 recording; Set the output speaker to SYNCO G2 Pro to use real-time ear return in the receiver listening interface.

<h3 style="margin: 0;">Output</h3> <p style="margin: 5px 0;">Choose your output device</p> <div style="border: 1px solid #ccc; padding: 2px; display: flex; align-items: center;"> SYNCO G2 Pro ▼ </div>	<h3 style="margin: 0;">Input</h3> <p style="margin: 5px 0;">Choose your input device</p> <div style="border: 1px solid #ccc; padding: 2px; display: flex; align-items: center;"> SYNCO G2 Pro ▼ </div>
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Real-time monitoring

The 3.5mm monitoring port of the receiver supports digital monitoring, which can simultaneously monitor the sound source of the transmitter and the input sound source of the device.



3.5mm Monitoring Jack

Headphone Impedance: under 100 Ω

Volume Control

1. Press the power button on the TX to turn on/off the mute.
2. Short press the gain adjustment button of the TX to adjust the volume for 6 levels (0-3-6-9-12-15).
3. Short press the gain adjustment of A/B TX buttons on the RX to adjust the volume of A/B TX.

Noise Cancellation

Short press the noise cancellation button on the transmitter to switch between noise-control modes:

1. Noise Cancellation Off
2. Low-Level Noise Cancellation
3. High-Level Noise Cancellation



Switch the Channel Mode

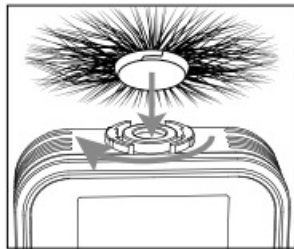
Short press the power button on the RX to switch the mono/stereo/safety channel mode.
Default mono mode.

Charging

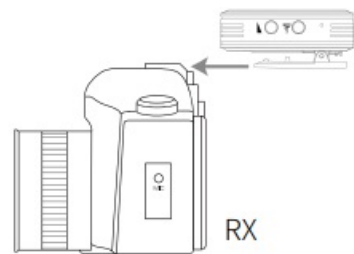
Connect the charging cable through Type-C port of TX and RX and fully charged in about 2 hours.
(Note: The grey end of the 2-in-1 charging cable included in the package can be used for digital output.)

Mic Windshield & Device Installation

Screw to mount the windshield.



TX



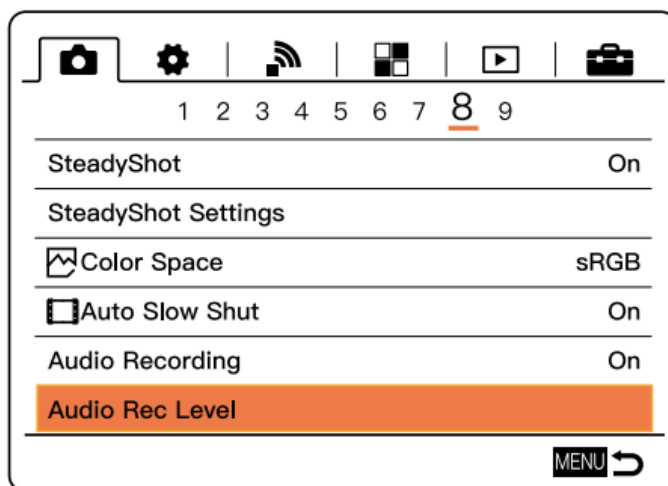
RX

Setting The Recording Level Correctly

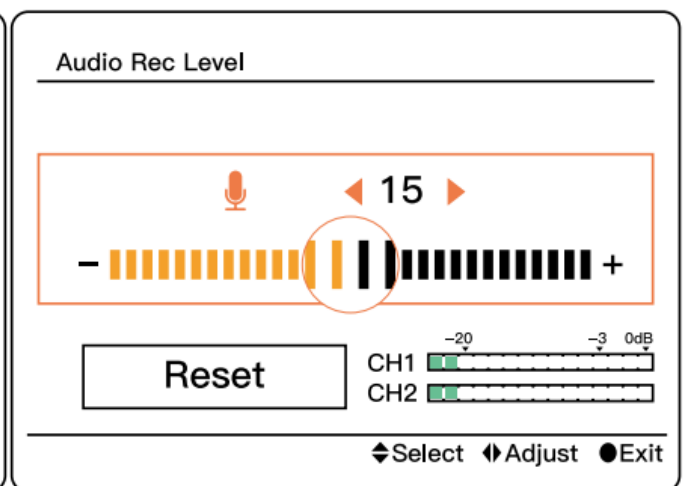
Camera devices generally have poor-quality, noisy preamps. In order to get the cleanest signals possible, it is highly recommended that you set the recording level on your camera quite low, 1/2 or 1/3 of it.

G2 provides variable gain control, allowing you to tailor your levels to just about environment and recording device.

Adjust the recording level of inbuilt mics for SONY Camera (Take A7S II for example)

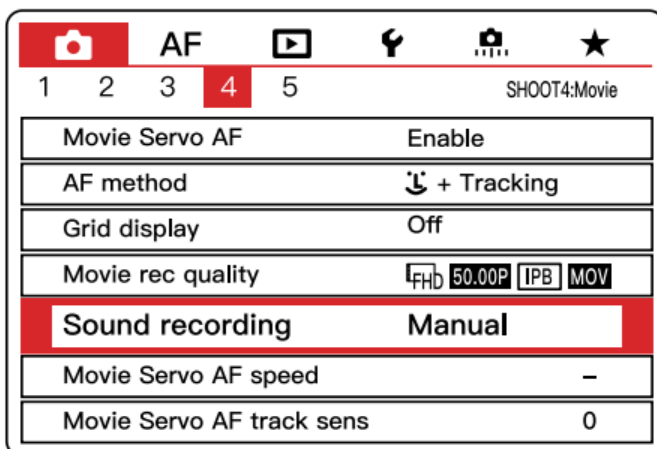


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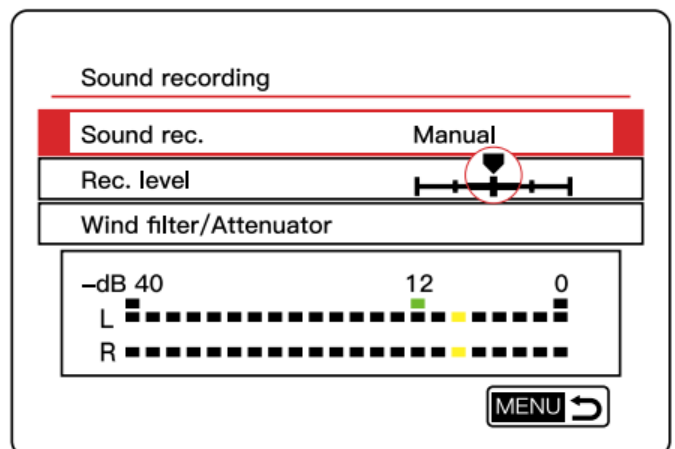


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Adjust the recording level of inbuilt mics for Canon Camera (Take EOS 5D Mark IV for example)

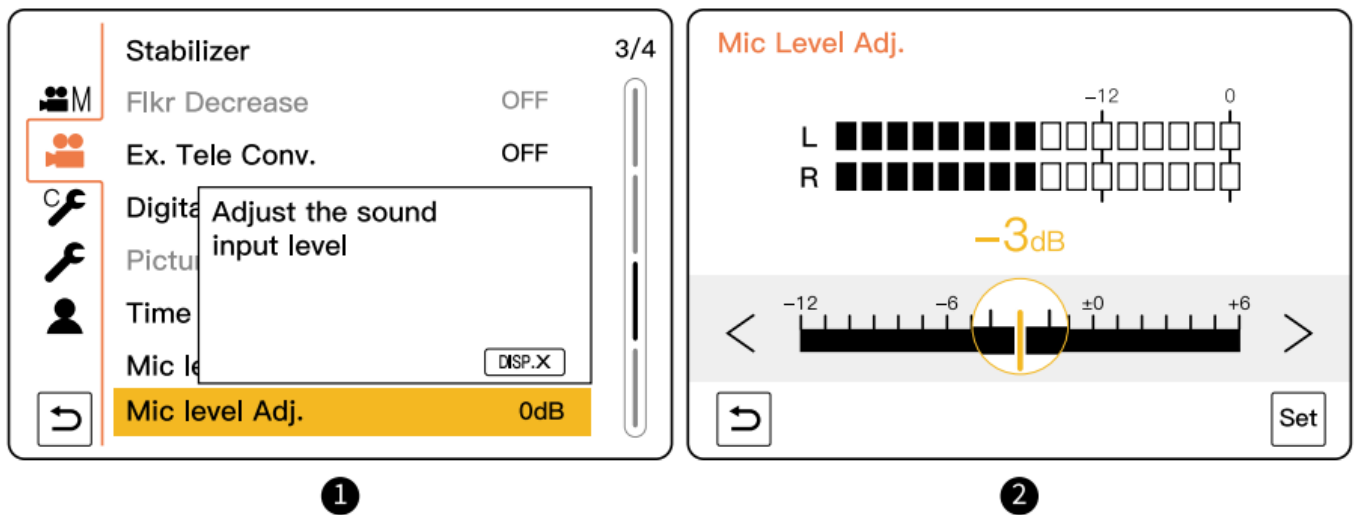


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2

Adjust the recording level of inbuilt mics for Panasonic Camera (Take LUMIX GH5 for example)



Specifications

TX Transmitter

Wireless Transmission	Digital 2.4GHz
RF Frequency Band	2400-2483.5MHz
Working Distance	656ft/200m (LOS area), 164ft/50m (NLOS area)
Mounting	Pocket Clip
Audio Input	3.5 mm TRS Mic Input
Power Requirements	5V 1A
Battery Type	Built-in Lithium Battery, 400mAh
Battery Charging Time	2H
Battery Life	8H
Display Screen	TFT Screen
Dimensions	52X42X17mm
Material	ABS
Weight	39g

RX Receiver

Wireless Transmission	Digital 2.4GHz
RF Frequency Band	2400-2483.5MHz
Working Distance	656ft/200m (LOS area) 164ft/50m (NLOS area)
Latency	20ms
Mounting	Pocket Clip
Number of Audio Channels	2
Audio Output	3.5 mm TRS Mic Output 3.5 mm TRS Headphone Output Type-C Output
Volume Adjustment	6 levels (0-3-6-9-12-15)/(0~30dB)
Power Requirements	5V 1A
Battery Type	Built-in Lithium Battery, 400mAh
Battery Charging Time	2H
Battery Life	8H
Display Screen	TFT Screen
Dimensions	52X42X17mm
Material	ABS
Weight	39g

Microphone

Form Factor	Built-in/External Mic
Frequency Range	50Hz-20KHz
Sensitivity	-35dB (± 3 dB, re 1V/Pa at 1 KHz)
Maximum SPL	120dB SPL (at 1KHz)

Warranty

Warranty Period

Thank you for purchasing SYNCO products.

1. Customers are entitled to free replacement or repair service in case of quality defect(s) found in the product under normal use within 30 days upon receipt of the product.
2. Original SYNCO products are entitled to 12-month limited warranty service. The warranty period begins on the date of purchase of brand new, unused products by the first end-user.
Within the warranty period, if product defect or failure is attributable to material defection or technological problem, the defective product or defective part will be repaired or replaced without charge (service and materials fee).

Warranty Exclusions and Limitations

Faults resulted from inappropriate use of a product without following its operation specification

1. Artificial damage, e.g. crash, squeeze, scratch, or soaking
2. Modifications to a product by its user or a third party without prior written consent of SYNCO, e.g. replacement of element or circuit, label alteration
3. The code on product is inconsistent with that of warranty certificate, or the code on the product or warranty certificate is altered or torn off
4. All consumable accessory attached to a product, like cable, wind muff, battery
5. Faults as a result of force majeure, such as fire, flood, lightning, etc.

Warranty Claim Procedure

1. If failure or any problem occurs to your product after purchase, please contact a local agent for assistance, or you can always contact SYNCO's customer service through email at support@syncoaudio.com.
2. Please retain your sales receipt and warranty certificate as proof of purchase. If any of these documents is missing, only sales return or chargeable service will be provided.
3. If the SYNCO product is out of the warranty coverage, the service and the parts cost will be charged.

WARRANTY CERTIFICATE

- Product Model:
- Date of Purchase:
- Serial Number:
- Malfunction Description :
- Buyer Name:
- Buyer Telephone :
- Buyer Mail :
- Buyer Address :
- Dealer :
- Dealer Telephone :
- Delivery Date :
- Cause of Malfunction :
- Maintenance Personnel :
- Malfunction Processing :

Please register your warranty. Meanwhile, you are welcomed to contact us via Email support@syncoaudio.com

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G2A1 Wireless Microphone System, G2A1, Wireless Microphone System, Microphone System, System

References

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- [User Manual](#)

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