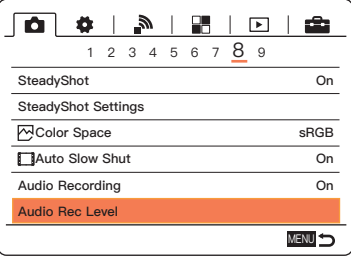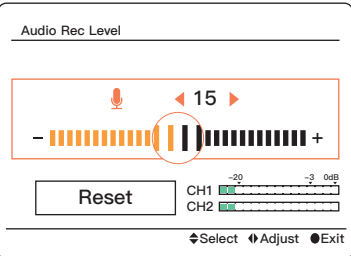about environment and recording device.

Adjust the recording level of inbuilt mics for SONY Camera

(Take A7S Ⅱ for example)
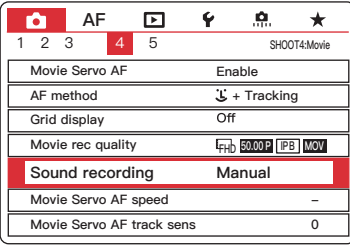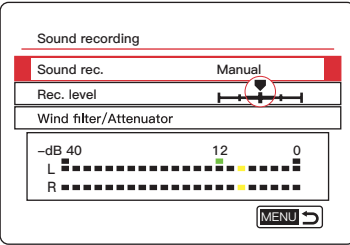

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Adjust the recording level of inbuilt mics for Canon Camera
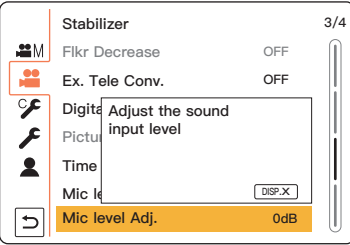
(Take EOS 5D Mark IV for example)

❶

❷

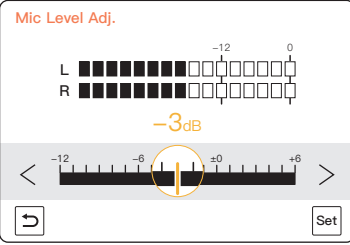## Adjust the recording level of inbuilt mics for Panasonic Camera

(Take LUMIX GH5 for example)

❶

❷

SYNCO))

Microphone G1(A2) ⟫⟫ User Manual

Thank you for choosing SYNCO product.
Please read this manual carefully before use and follow all instructions mentioned herein.

WARRANTY CERTIFICATE

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

USER INFORMATION	Customer Name:
	Phone Number:
	Email:
	Address:
SALES INFORMATION	Sales Date:
	Model:
	Product Code:
	Dealer:
REPAIR RECORD	Service Date:
	Technician:
	Issue:

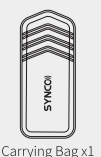| RESULT | □ Solved   □ Unsolved   □ Returned(Replaced) |

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.
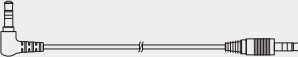
Package List

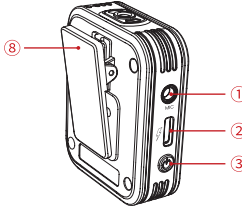RX Receiver x1   TX Transmitter x2   Carrying Bag x1   Furry Windshield x2

3-in-1 Charging Cable x1

External Lav Mic (With Wind Muff) x2

3.5mm TRRS Phone Cable x1

3.5mm TRS Camera Cable x1

Product Instruction

TX Transmitter

① External Mic Input
② USB-C Port
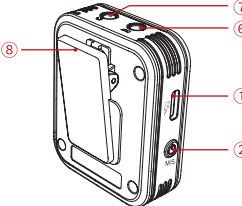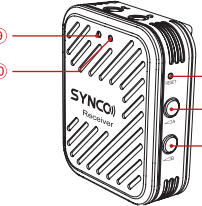③ Power
④ Reset(Help with Eject Pin)
⑤ Low Cut
⑥ Pairing
⑦ Built-in Mic
⑧ Pocket Clip
⑨ Pairing Indicator
⑩ Power Indicator

RX Receiver

① USB-C Port
② Power(Mono/Stereo Switch)
③ Reset(Help with Eject Pin)
④ Channel A Gain Control
⑤ Channel B Gain Control
⑥ 3.5mm Audio Output
⑦ 3.5mm Monitoring Jack
⑧ Pocket Clip
⑨ Pairing Indicator
⑩ Power Indicator

Indicator

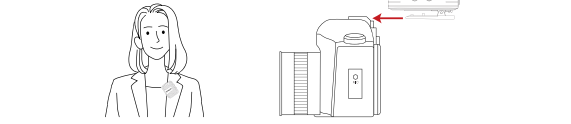|	Power Indicator (Green)	Pairing Indicator (Blue)
Slow Flashes	Power is lower than 10%.	Power on
Fast Flashes	/	System pairing
Keeps On	It stays green when charging and is off after fully charged.	System paired
Fast flashes twice, is off and repeats	/	Low cut function is on.

Operations

1.Power Button
Long press the power button for 2 seconds to turn on/off the system.
Short press the power button on the RX for Mono/Stereo switch.

2.Pairing
The system will pair automatically after power on. If you need manual pairing, long press the channel A gain control and channel B gain control on the RX, and the pairing button on the TX, the system will start to pair.

3.Connection
The receiver outputs audio signals to recording devices with a 3.5mm TRRS Phone Cable or a 3.5mm TRS Camera Cable. Please use the corresponding cable based on your device.

4.Installation
Attach the transmitter or the external mic to the speaker's clothing. Install the receiver to the camera's hot shoe via the pocket clip.
(Note: When using the external mic, please insert it into the mic input properly.)

5.Gain Control
The initial value of the gain is the microphone's original volume. Each press of the gain control button increases the gain by one level, fourth level at most. When the gain is at max level, press once and return to

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initial value.

6.Charging
Please fully charge the TX and RX via the USB-C port and the charging cable before use.

Specifications

TX Transmitter

Wireless Transmission	Digital 2.4GHz
RF Frequency Band	2400-2483.5MHz
Working Distance	164ft/50m (LOS area), 98ft/30m (NLOS area)
Latency	12.5ms
Mounting	Pocket Clip
Audio Input	1/8" / 3.5 mm TRS Mic Input
Audio Input Level	1V (0dBV)
RF Output Power	＜10mW
Power Requirements	3.3V-4.7V
Battery Type	Built-in Lithium Battery
Battery Charging Time	1.5H
Battery Life	5H
Dimensions	52X42X16mm
Material	Plastic
Weight	35g

RX Receiver

Wireless Transmission	Digital 2.4GHz
RF Frequency Band	2400-2483.5MHz
Approximate RF Sensitivity	-81dBm
Working Distance	164ft/50m (LOS area), 98ft/30m (NLOS area)

Latency	12.5ms
Mounting	Pocket Clip
Number of Audio Channels	2
Audio Output	1/8" / 3.5 mm TRS Mic Output
	1/8" / 3.5 mm TRS Headphone Output
Gain	0-4 Level (0 to 8dB)
Audio Output Level	Line Out: 1V, Monitoring: 25-30mW
Power Requirements	3.3V-4.7V
Battery Type	Built-in Lithium Battery, 400mAh
Battery Charging Time	1.5H
Battery Life	5H
Dimensions	52X42X16mm
Material	Plastic
Weight	35g

Microphone

Form Factor	Built-in/External Mic
Sound Field	Mono
Polar Pattern	Omnidirectional
Frequency Range	50Hz-20KHz
Sensitivity	-40dB (±3 dB, re 1V/Pa at 1KHz)
Maximum SPL	135dB SPL (at 1KHz)

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.

G1 provides variable gain control, allowing you to tailor your levels to just