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SMALLRIG S70 (14352)

SMALLRIG Wireless Mic S70 Instruction Manual

Model: S70 (14352)

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1. INTRODUCTION

The SMALLRIG Wireless Mic S70 is a compact and versatile wireless microphone system designed for high-quality audio recording across various devices. It features studio-level audio with 48kHz/24-bit high-resolution recording, a built-in auto limiter to prevent clipping, and advanced noise reduction capabilities. This manual provides detailed instructions for setting up, operating, and maintaining your Wireless Mic S70 to ensure optimal performance.

2. PRODUCT COMPONENTS

The SMALLRIG Wireless Mic S70 package includes the following items:

- Transmitter (TX) × 2
- Receiver for Camera (RX) × 1
- Receiver for Type-C (RX) × 1
- Windscreen × 2
- USB-C Charging Cable × 1
- 3.5mm TRS Audio Cable × 1
- Carry Case × 1
- Charging Case × 1

5-Level Gain for Cameras, 3-Level for Phones.

Precision audio tuning, perfectly matched to your device.

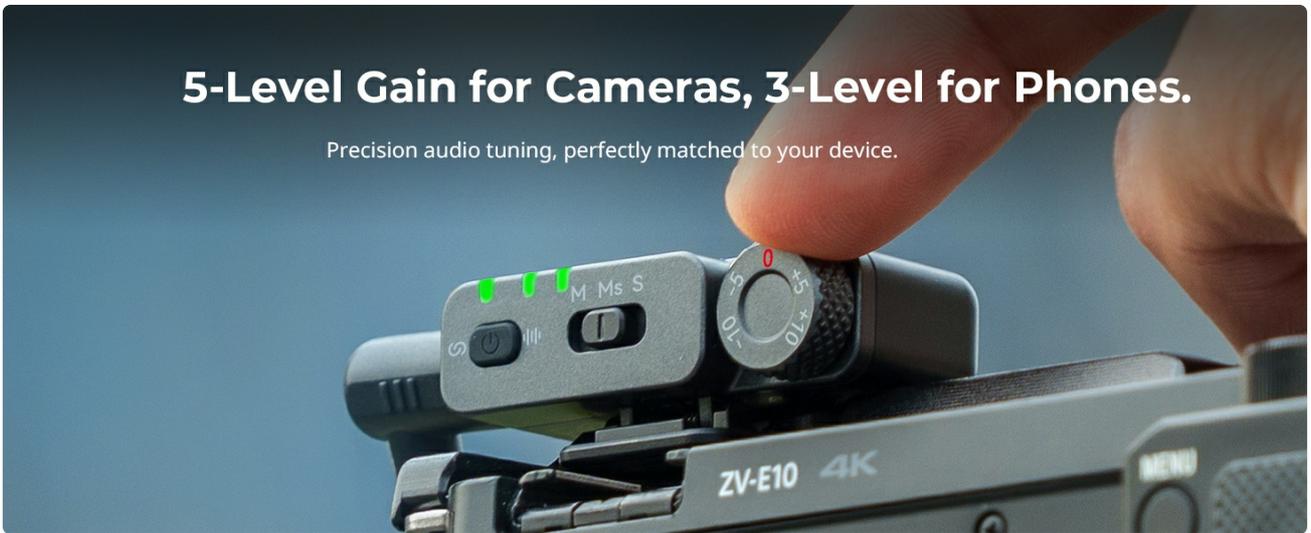


Image: All components included in the SMALLRIG Wireless Microphone S70 package.

3. SETUP GUIDE

3.1 Charging the Devices

Before first use, fully charge all components. Place the transmitters and receivers into the charging case. Connect the USB-C charging cable to the charging case and a power source. The indicator lights on the charging case will show the battery level. A full charge provides up to 48 hours of total use with the charging case, or 8 hours of continuous recording for a single transmitter.

Advanced 3-Level Noise Reduction & Clipping Protection

Advanced noise reduction and a smart pop filter actively remove distractions and control volume spikes.



Image: The charging case with transmitters, illustrating the 40-hour total battery life.

3.2 Connecting to Your Device

The system includes receivers for various devices:

- **For Smartphones (iPhone/Android with USB-C):** Plug the appropriate receiver (Lightning or USB-C) directly into your phone's charging port.
- **For Cameras/Action Cameras:** Use the Receiver for Camera (RX) and connect it via the 3.5mm TRS audio cable to your camera's microphone input.

3.3 Attaching the Microphones

The compact transmitters can be discreetly attached using the included accessories:

- **Magnetic Clip:** Use the small magnetic clip to secure the transmitter to clothing.
- **Magnetic Necklace:** For even more discreet placement, use the magnetic necklace to hang the transmitter under

clothing.

- **Windscreen:** Attach the furry windscreen to the transmitter when recording outdoors to minimize wind noise.



Image: The ultra-slim transmitter (8.8mm) attached discreetly to clothing.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The transmitters and receivers automatically power on when removed from the charging case and power off when returned. Ensure they are properly seated in the case for charging and storage.

4.2 Noise Reduction & Clipping Protection

The S70 features advanced 3-level noise reduction and a smart pop filter to actively remove distractions and control volume spikes. This ensures clear audio even in challenging environments.



Image: Visual representation of 3-level noise reduction in action.

4.3 Recording Modes

Switch between different recording modes to suit your needs:

- **Mono:** Records a single audio channel.
- **Stereo:** Records two separate audio channels.
- **Safety Track:** (Available only when connected to a camera) Records a lower-volume backup track to prevent clipping, ensuring you always have usable audio.

SOUND, MASTERED to Your Scene



Image: Explanation of the three recording modes, including Safety Track.

4.4 Gain Control

Adjust the audio gain for optimal recording levels:

- **For Cameras:** 5-level gain adjustment.
- **For Phones:** 3-level gain adjustment.

All-Day Power.

40 Hours of Uninterrupted Recording

Continuously
Recording



*Data sourced from SmallRig lab. Actual runtime may vary due to environmental factors and usage

Image: Detail of the 5-level gain control on the receiver.

4.5 SmallGoGo App Control

For advanced control and customization, download the intuitive SmallGoGo App (available on App Store and Google Play). The app allows you to manage every detail directly from your phone, including:

- Noise reduction level adjustment (Weak, Medium, Strong)
- Gain boost level adjustment
- Recording mode switching (Mono, Stereo)
- EQ preset switching (9 Pro EQ Presets)
- One-click mute function

Tired of These Recording Roadblocks?

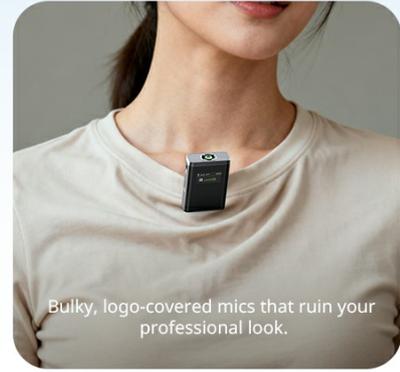
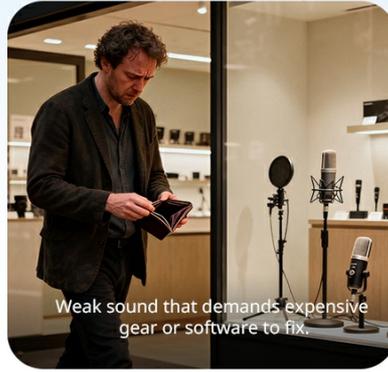


Image: The SmallGoGo App interface for comprehensive control.

4.6 Wireless Range

The S70 offers a stable and clear signal up to 300 meters (984 feet) away in an unobstructed environment. Built-in anti-interference technology ensures reliable audio for outdoor shoots and recording.

3 Recording Modes, One-Tap Switching.

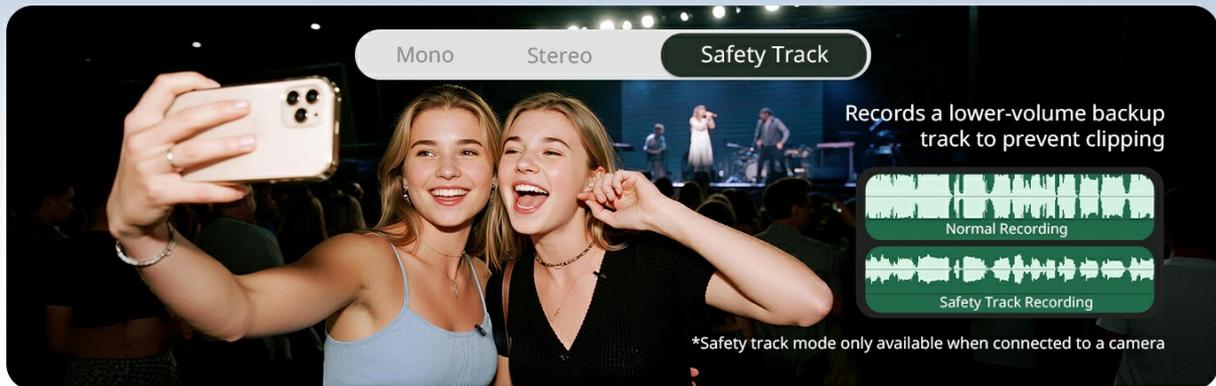


Image: Demonstrating the extensive 300m (984ft) wireless range.

4.7 Official Product Video

Video: Official product overview of the SmallRig Wireless Mic S70 by the manufacturer, demonstrating its features and use cases.

5. MAINTENANCE

To ensure the longevity and optimal performance of your SMALLRIG Wireless Mic S70, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the transmitters, receivers, and charging case. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the devices in the provided charging case when not in use to protect them from dust, moisture, and physical damage.
- **Battery Care:** For long-term storage, ensure the devices are charged to approximately 50-70% to preserve battery health. Avoid fully discharging or overcharging for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your SMALLRIG Wireless Mic S70, refer to the following common troubleshooting steps:

- **No Audio/Low Volume:**

- Ensure both the transmitter and receiver are powered on and properly paired.
- Check the connection between the receiver and your recording device (phone/camera).
- Adjust the gain settings on the receiver or via the SmallGoGo App.
- Verify that the recording device's volume is not muted or set too low.

- **Interference/Poor Signal:**

- Ensure the transmitter and receiver are within the specified operating range (up to 300m/984ft in unobstructed environments).
- Minimize physical obstructions between the transmitter and receiver.
- Avoid areas with strong electromagnetic interference.
- Activate or adjust the noise reduction feature.

- **Device Not Charging:**

- Ensure the USB-C charging cable is securely connected to both the charging case and a power source.
- Verify that the transmitters and receivers are correctly seated in the charging case.
- Check the charging indicator lights on the case.

7. SPECIFICATIONS

Feature	Detail
Item Dimensions (L x W x H)	2.05 x 1.57 x 3.7 inches
Power Source	Battery Powered
Number of Batteries	1 Nonstandard Battery (included)
Material	ABS + PC, Nitinol (Nickel–Titanium Alloy), Silicone
Signal-to-Noise Ratio	70 dB
Number of Channels	1
Frequency Response	48 KHz
Item Weight	5.6 ounces (0.16 Kilograms)
Item Model Number	14352
Connectivity Technology	Wireless
Connector Type	Lightning, 3.5mm Jack
Special Feature	Long Range Wireless Mic
Compatible Devices	for Android smartphones and tablets with USB-C ports

8. WARRANTY & SUPPORT

The SMALLRIG Wireless Mic S70 is manufactured by SmallRig. For specific warranty information and support, please

refer to the documentation included with your product or visit the official SmallRig website. Extended protection plans may be available for purchase separately.