

Sennheiser EK 500 G4-AW+

Sennheiser EK 500 G4-AW+ Portable Camera Receiver User Manual

INTRODUCTION

This manual provides detailed instructions for the Sennheiser EK 500 G4-AW+ Portable Camera Receiver. This professional audio device is designed for wireless audio transmission in camera-mounted applications, ensuring high-quality sound capture. It operates within the AW+ frequency range of 470 - 558 MHz. Please read this manual thoroughly before operating the device to ensure proper setup and optimal performance.

SETUP

Follow these steps to set up your Sennheiser EK 500 G4-AW+ Portable Camera Receiver:

1. **Battery Installation:** Open the battery compartment and insert two AA batteries, ensuring correct polarity. Close the compartment securely.
2. **Antenna Attachment:** Screw the supplied antenna onto the antenna connector on the receiver.
3. **Camera Mounting:** Attach the receiver to your camera using the provided camera mount. Ensure it is securely fastened.
4. **Cable Connections:**
 - Connect the 1/8" output cable from the receiver to your camera's audio input.
 - Alternatively, use the XLR balanced output cable for professional audio mixers or recorders, if applicable.
5. **Power On:** Press and hold the power button until the display illuminates.
6. **Frequency Synchronization:** Ensure your transmitter (sold separately) is set to the same frequency as the receiver. Refer to the operating section for frequency scanning and synchronization procedures.



The image displays the Sennheiser EK 500 G4-AW+ portable camera receiver, showing its compact design, display screen, control buttons, and detachable antenna. This unit is designed for on-camera mounting.

OPERATING

Once set up, operate your receiver as follows:

- **Power On/Off:** Press and hold the power button to turn the unit on or off.
- **Frequency Selection:** Use the navigation buttons to browse available frequencies or initiate an automatic scan to find clear channels. Synchronize with your transmitter for optimal performance.
- **Volume Control:** Adjust the output volume using the dedicated controls to match your camera's input levels. Monitor audio through headphones if your camera or receiver has a headphone output.
- **Monitoring Indicators:** Pay attention to the display for signal strength (RF level), audio level, and battery status indicators. A 'LOW BATT' warning will appear when batteries need replacement.
- **Range:** Maintain a clear line of sight between the receiver and transmitter for best range and signal stability. The AW+ frequency range (470 - 558 MHz) is designed for reliable wireless operation.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your receiver:

- **Battery Replacement:** Replace AA batteries promptly when the low battery indicator appears to avoid interruption during use. Always use fresh, high-quality alkaline batteries.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver. Do not use liquid cleaners or solvents, as they may damage the device.
- **Storage:** When not in use for extended periods, remove the batteries to prevent leakage. Store the receiver in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle the antenna carefully to prevent bending or breaking. Ensure it is securely attached during operation.

TROUBLESHOOTING

If you encounter issues with your receiver, consult the following common problems and solutions:

Problem	Possible Cause	Solution
No audio output	Incorrect frequency, low battery, cable issue, transmitter off.	Check transmitter power and frequency. Replace receiver batteries. Verify all cable connections.
Interference or static	Nearby electronic devices, conflicting frequencies, excessive distance.	Perform a frequency scan to find a clear channel. Move away from sources of interference. Reduce distance between transmitter and receiver.
Low battery warning	Batteries are depleted.	Replace both AA batteries with fresh ones.
Short operating range	Obstructions, antenna position, environmental factors.	Ensure clear line of sight. Adjust antenna position. Avoid dense environments.

SPECIFICATIONS

Key technical specifications for the Sennheiser EK 500 G4-AW+ Portable Camera Receiver:

- **Model Number:** 509546
- **Frequency Range:** AW+ (470 - 558 MHz)
- **Item Weight:** 14.4 ounces (approximately 0.9 pounds)
- **Product Dimensions:** 13.8 x 3.2 x 2.9 inches (packaging) / 2.87"D x 3.19"W x 3.19"H (unit)
- **Batteries:** 2 AA batteries required
- **Connector Type:** XLR (output)
- **Special Feature:** Portable
- **Audio Output Mode:** Stereo
- **Color:** Black

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and service inquiries regarding your Sennheiser EK 500 G4-AW+ Portable Camera Receiver, please visit the official Sennheiser website or contact their customer service department. Keep your proof of purchase for warranty claims.

You can find more information and support resources at the [Official Sennheiser Website](#).