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## Shure WA310

# Shure WA310 Microphone Adapter Cable User Manual

Model: WA310

## PRODUCT OVERVIEW

The Shure WA310 is a 4-foot microphone adapter cable designed to connect microphones with a 4-pin mini connector (TA4F) to devices requiring an XLR(F) connector. This cable is compatible with various Shure bodypack transmitters, including PG1, PGX1, SLX1, LX1, U1, UC1, ULX, UR1, and UT1 models. It facilitates seamless integration of your microphone with wireless systems for presentations, public speaking, and live performances.



Figure 1: Shure WA310 4-Foot Microphone Adapter Cable. This image shows the cable with its 4-pin mini connector (TA4F) on one end and an XLR(F) connector on the other.

## Setup Instructions

Follow these steps to properly connect your Shure WA310 microphone adapter cable:

- Identify Connectors:** Locate the 4-pin mini connector (TA4F) and the XLR(F) connector on the WA310 cable.
- Connect to Bodypack Transmitter:** Insert the 4-pin mini connector (TA4F) end of the WA310 cable into the input jack of your compatible Shure bodypack transmitter (e.g., PG1, PGX1, SLX1). Ensure it clicks securely into place.
- Connect to Microphone:** Connect the XLR(F) end of the WA310 cable to the output of your microphone.
- Secure Connections:** Verify that both connections are firm and secure to prevent signal loss or intermittent audio.
- Cable Management:** Route the cable to minimize strain on the connectors and prevent tangling.

## Operating Guidelines

The Shure WA310 cable is a passive adapter and does not require specific operational controls. Its function is to provide a reliable audio signal path between your microphone and bodypack transmitter.

- Signal Integrity:** Ensure the cable is not kinked, pinched, or subjected to excessive tension, which can degrade signal quality.
- Interference:** Keep the cable away from sources of electromagnetic interference (e.g., power cables, fluorescent lights) to maintain clear audio.

## Maintenance and Care

Proper maintenance extends the life and performance of your WA310 cable:

- Cleaning:** Wipe the cable and connectors with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- Storage:** When not in use, coil the cable loosely. Avoid tight coiling or sharp bends, which can damage the internal wiring. Store in a cool, dry place.
- Inspection:** Periodically inspect the connectors and cable jacket for signs of wear, fraying, or damage. Replace the cable if any damage is observed.

## Troubleshooting

If you experience issues with your WA310 cable, consider the following:

Problem	Possible Cause	Solution
No Audio Signal	Loose connection, damaged cable, incorrect input/output selection on devices.	Ensure both TA4F and XLR(F) connectors are fully seated. Test with a different cable to rule out cable damage. Verify correct input/output settings on your bodypack and audio system.
Intermittent Audio	Loose connection, damaged cable, internal wiring issue.	Check all connections for tightness. Gently flex the cable along its length while audio is playing to identify potential internal breaks. Replace the cable if damage is suspected.

Problem	Possible Cause	Solution
Hum or Buzz Noise	Ground loop, electromagnetic interference, faulty cable shielding.	Ensure all audio equipment is properly grounded. Move the cable away from power sources or other electronic devices. Test with a different cable to check for faulty shielding.

## SPECIFICATIONS

- Model Name:** WA310
- Brand:** Shure
- Cable Type:** Microphone Adapter Cable
- Connector Type:** 4-Pin Mini Connector (TA4F) to XLR(F)
- Cable Length:** 4 feet (approximately 1.2 meters)
- Compatible Devices:** Microphones, Shure bodypack transmitters (PG1, PGX1, SLX1, LX1, U1, UC1, ULX, UR1, UT1)
- Outer Material:** Rubber
- Item Weight:** 3.2 ounces
- Product Dimensions:** 5.5 x 5 x 0.7 inches (packaged)
- Country of Origin:** China

## WARRANTY INFORMATION

Shure products are designed for reliability and performance. For specific warranty details, please refer to the official Shure website or the warranty card included with your product. Typically, Shure offers a limited warranty against defects in materials and workmanship for a specified period from the date of original purchase.

To initiate a warranty claim, retain your proof of purchase and contact Shure customer support.

## SUPPORT AND CONTACT

For technical assistance, product inquiries, or further support, please visit the official Shure website or contact their customer service department:

**Shure Official Website:** [www.shure.com](http://www.shure.com)

**Customer Support:** Refer to the "Contact Us" section on the Shure website for regional phone numbers and email support.