

Shure RP325

Shure RP325 XLR to 3.5mm Instrument Cable User Manual

1. INTRODUCTION

Welcome to the user manual for your Shure RP325 XLR to 3.5mm Instrument Cable. This document provides essential information for the proper setup, operation, maintenance, and troubleshooting of your cable. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The Shure RP325 is a 10-foot sound card interface cable designed to facilitate the connection of microphones with an XLR output to devices equipped with a 3.5mm stereo input, such as computer sound cards or portable audio recorders. It features a durable construction for reliable audio signal transmission.

Key Features:

- **10-foot length:** Provides ample reach for various setups.
- **XLR Female Connector:** Designed for secure connection to microphones.
- **3.5mm Stereo Phone Plug:** Connects to standard auxiliary or sound card inputs.
- **Durable Construction:** Ensures reliable performance and signal integrity.

What's in the Box:

- One Shure RP325 XLR to 3.5mm Instrument Cable



Figure 2.1: The Shure RP325 XLR to 3.5mm Instrument Cable, showing the XLR female connector and the 3.5mm stereo phone plug.

3. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the cable or connected equipment, and to ensure user safety:

- Do not expose the cable to extreme temperatures, moisture, or direct sunlight.
- Avoid bending the cable sharply or placing heavy objects on it, as this can damage internal wiring.
- Always grasp the connector housing when plugging or unplugging the cable, not the cable itself.
- Keep the cable away from sources of strong electromagnetic interference.

4. SETUP

Follow these steps to properly connect your Shure RP325 cable:

1. **Identify Connectors:** Locate the XLR female connector on one end of the RP325 cable and the 3.5mm stereo phone plug on the other end.

2. **Connect to Microphone:** Insert the XLR female connector firmly into the XLR output port of your microphone. Ensure it clicks into place if your microphone's XLR port has a locking mechanism.
3. **Connect to Device:** Insert the 3.5mm stereo phone plug into the 3.5mm auxiliary or microphone input jack on your computer's sound card, laptop, or other compatible recording device.
4. **Secure Connections:** Verify that both ends of the cable are securely connected to prevent signal loss or intermittent audio.

5. OPERATING INSTRUCTIONS

Once the Shure RP325 cable is connected, follow these general guidelines for operation:

- **Device Settings:** On your computer or recording device, ensure that the correct audio input source (e.g., 'Line In' or 'Microphone') is selected in your sound settings or recording software.
- **Input Level Adjustment:** Adjust the input gain or volume level on your recording device or software to achieve an optimal signal without clipping or distortion. Start with a low level and gradually increase it.
- **Test Audio:** Perform a test recording or monitor the input to confirm that audio is being transmitted clearly through the cable.

6. MAINTENANCE

Proper care and maintenance will extend the life of your Shure RP325 cable:

- **Storage:** When not in use, coil the cable loosely. Avoid tight coiling or kinking, which can damage the internal conductors.
- **Cleaning:** Use a soft, dry cloth to wipe the cable and connectors. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the cable for any signs of wear, cuts, or damage to the connectors. If damage is observed, discontinue use to prevent potential electrical hazards or further equipment damage.

7. TROUBLESHOOTING

If you encounter issues with your Shure RP325 cable, refer to the following troubleshooting guide:

No Sound or Intermittent Audio:

- **Check Connections:** Ensure both the XLR and 3.5mm connectors are fully and securely plugged into their respective ports.
- **Verify Device Input:** Confirm that your computer or recording device's audio settings are configured to use the correct input source (e.g., 'Line In' or 'Microphone').
- **Volume Levels:** Check that all volume controls on your microphone, computer, and recording software are turned up and not muted.
- **Test with Another Cable/Device:** If possible, test the microphone with a different cable or the RP325 cable with a different microphone/device to isolate the problem.

Poor Sound Quality (Static, Hum, Low Volume):

- **Cable Damage:** Inspect the cable for any visible damage, kinks, or frayed wiring. A damaged cable can cause poor audio quality.
- **Interference:** Keep the cable away from power cables, fluorescent lights, and other electronic devices that may cause electromagnetic interference.

- **Input Gain:** Adjust the input gain on your recording device. Too high a gain can cause distortion, while too low can result in a weak signal and increased noise.
- **Ground Loop:** If you hear a persistent hum, it might be a ground loop. Ensure all connected equipment is powered from the same electrical outlet or use a ground loop isolator if necessary.

8. SPECIFICATIONS

Brand	Shure
Model Number	RP325
Connectivity Technology	Auxiliary, XLR
Connector Type	3.5mm Stereo, XLR Female
Cable Length	10 Feet
Compatible Devices	Laptop, Personal Computer (with 3.5mm input)
Item Weight	6.35 Pounds
Manufacturer	Shure
UPC	042406053754, 658700914594
Mfr Part Number	RP325

9. WARRANTY AND SUPPORT

The Shure RP325 cable is covered by a manufacturer warranty. For specific details regarding the warranty period and terms, please refer to the documentation included with your purchase or visit the official Shure website.

For technical support, product information, or service inquiries, please visit the official Shure support page or contact their customer service directly. You can often find detailed FAQs, troubleshooting guides, and contact information on their website:

Visit Shure Official Website