



How to clean the Shure SM58 XLR connector

This guide will show you how to keep the microphone XLR connector clean which will improve signal strength and sound quality.

Written By: nat coll



INTRODUCTION

The XLR connector connects the microphone to the XLR cable which sends signal to the speakers. It is critical that the XLR connector of the microphone is working properly for your microphone to work.

TOOLS:

- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
 - [Detailing Brush](#) (1)
-

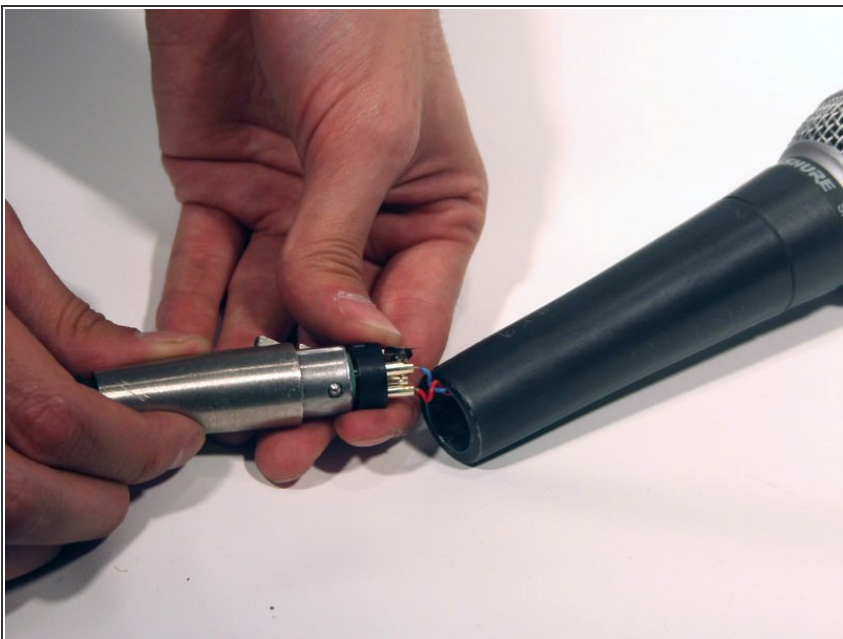
Step 1 — XLR Microphone Connector Disassembly



- Using a small flat head screwdriver, gently turn the retaining screw at the bottom of the microphone counterclockwise until it stops or provides resistance.
- ⓘ The retaining screw is mounted to the connector and has a [left-handed](#) thread. Turning the screw clockwise locks the connector in place. Turning it counterclockwise lowers it down into the hole, releasing the connector.

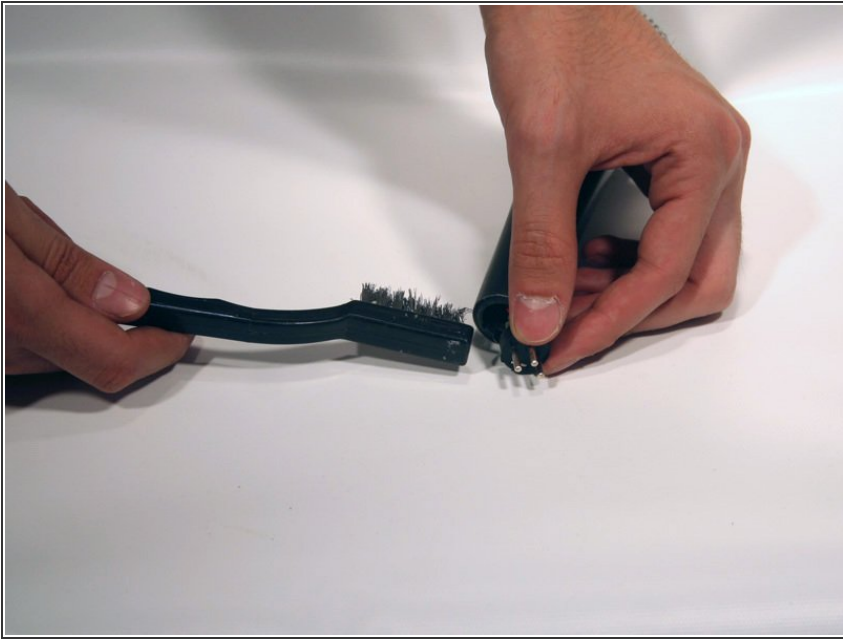
⚠ Once the screw stops, do not try to loosen it further.

Step 2



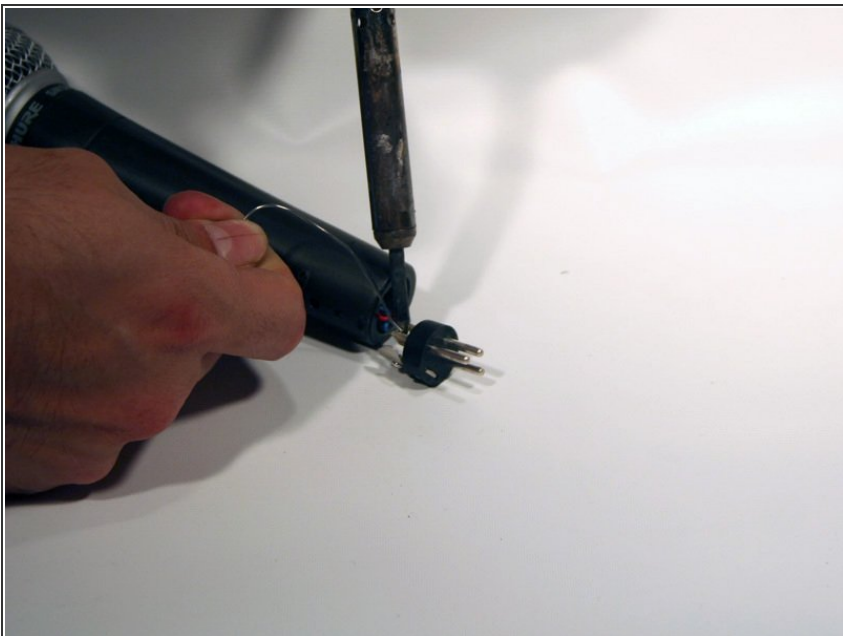
- Plug an XLR cable into the loose connector.
- While holding the disconnect button down, pull on the cable to remove the connector from the body of the microphone.

Step 3 — How to clean the Shure SM58 XLR connector



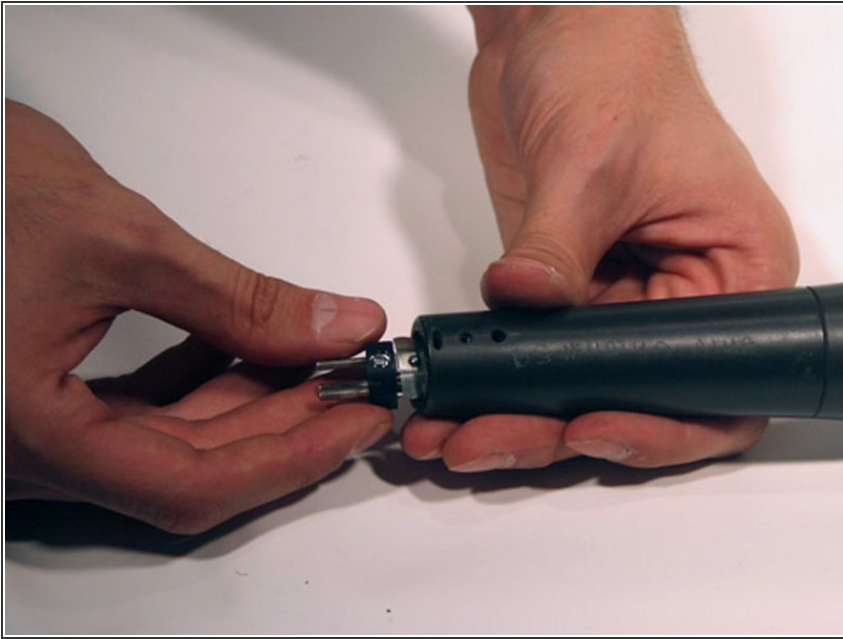
- Using a detailing brush, gently brush the pins and inside walls of the microphone.

Step 4



- ⚠ Do not solder microphone parts without prior soldering experience.
- Only attempt this step if you have previously soldered inside the microphone. If the pins on the inside of the connector have excess solder on them, take a soldering iron and melt of excess solder.

Step 5



- To reinstall the XLR connector, follow the [Installing Shure SM58 XLR connector](#) guide

To reassemble your device, follow these instructions in reverse order. After cleaning the connector, your microphone is ready to connect to XLR cables.