

SMX-SM4 Stub Mic Replacement Guide

This guide describes the proper steps to replace an SMX-SM4 Stub microphone in an SM4 recorder.

First, identify the non-functioning microphone wiring located inside the unit above the D-cell battery compartment. There are two sets of wires coming from the motherboard (**white and blue left mic**, **red and black right mic**) that are positioned under the left mounting nut and follow around the top channel of the unit to the microphone connectors. (See pictures below)



Next take both mic connectors out of the channel. With your index finger and thumb, grab both sides of the proper connector **NOT THE WIRES** and pull the connection apart while squeezing and wiggling the two parts of the connector.

Once you have the connection apart, proceed to dismount the microphone from the case. Using a 5/8" wrench positioned at the base of the microphone, close to the recorder, turn counter-clockwise to loosen the seal. Finish by unscrewing the microphone by hand.

Verify that the O-ring is installed on the new mic, insert it into the hole, and hand tighten to insure a good seal. To guarantee a water tight seal make sure there is no orange O-ring seen between the SM4 housing and the microphone assembly.

Note: It is not recommended to use a wrench to tighten the microphone as it may cause damage to the recorder or microphone assembly.

After mounting is complete connect the microphone to its appropriate connection and secure the connectors in the channel as shown above.

Note: If the wires happen to come out of the narrow channel, do not use a sharp instrument to reinsert them. This may cut or damage the wire insulation.

IF you may have any questions regarding this procedure, Please contact our Customer Support Team.