Geofón XLR mod

One of our customers approached us with an interesting idea—they wanted to create a “wireless” version of Geofón using small XLR wireless transmitter. So I designed a special modified version of the Geofón case top to include a heavy duty XLR connector.

Parts

- 3D printed Geofon_XLR top
- Neutrik heavy-duty XLR connector, NC3MPR-HD
- DIN 7991 M4 x 8 mm bolt
- M4 tap drill (for example)
- ~10 cm of thin, stranded single core wire
- soldering iron and solder

Instructions

1. Print the provided STL file. Tap the two screw holes on the side: the top hole uses an M4 x 8 mm bolt, and the bottom hole uses the original bolt from your Geofón.
2. Prepare two wires of equal length and solder them to pins 2 and 3 of the XLR connector.
3. Attach the XLR connector to the printed body and secure it using the M4 x 8 mm bolt from the side.
4. Solder the wires to the element: the pin marked with a dot should be connected to pin 2 on the XLR connector.
5. Insert the element into the casing and secure it from the side, as you would with a regular Geofón. Finally, screw on the bottom part of the casing using the original Geofón’s component.

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