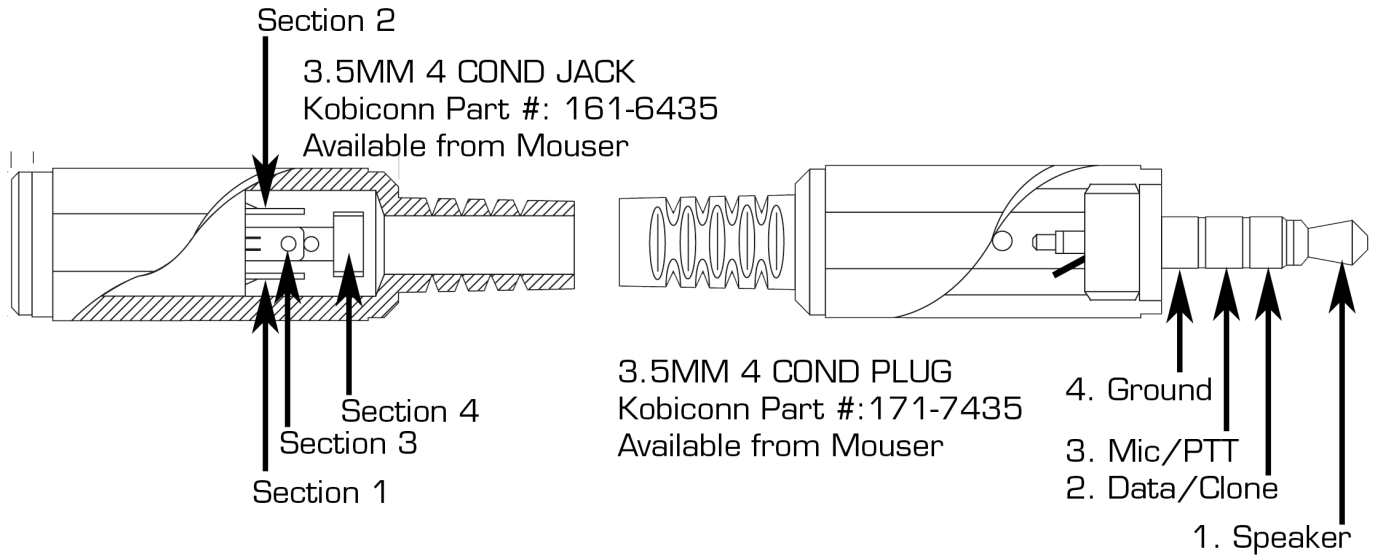


Yaesu FT and VX Series Microphone Connectors



The Yaesu VX-7 radio has a radically different microphone connector than previous Vertex/Yaesu radios. To maintain the waterproof status of the radio, the jack has threads and commercial plugs won't fit it. Yaesu sells the CT-91 cable to connect dual plug accessories to the VX-7. It splits the 3.5mm connector into a 2.5mm stereo and a 3.5mm mono jack. But what if you have single-plug accessories, say for your FT-50 radio? By cutting off the dual jacks on the CT-91 and soldering the wires to a 4 conductor 3.5mm jack it is possible to use accessories made for the FT-50 and probably other Yaesu radios with the VX-7.

Note that the shield from the 2.5 mm jack and the yellow wire from the 3.5 mm jack will be connected together as ground, and don't confuse the two white wires. You may want to slightly strip or otherwise mark one of them before pushing the wires through the new connector's strain relief. Don't forget to slide heat shrink tubing over the wires before feeding them through the strain relief to protect the completed assembly. You can see by the picture that I also wrapped the assembly with some self-curing rubber tape (available from Radio Shack).

2.5 mm jack (Mic/data)

Red (data/clone) - 2
White (Mic/PTT) - 3
Shield (ground) - 4

3.5 mm jack (Speaker)

White (speaker) - 1
Yellow (ground) - 4

