

Yaesu / Vertex HT Microphone/SP Cable Pinouts

The VX-6R/E, VX-7R/E, VX-8R/E, VX-8DR, VX-120, VX-127, VX-170, VX-177 and all models that include the CT-91 adapter in their accessory list use a threaded, waterproof version of the same 3.5mm plug

Pinouts for both, starting from the tip, are as follows:

Pin	Function
1	Mic
2	Cloning
3	Speaker
4	Ground

Pin 2 is the clone RX/TX pin. Not used except in programming the Radio.

Speaker/mic cable for the Yaesu VX-170, VX-6R, VX-7R, VX-120 and others. This cable has the unusual and hard-to-find threaded 3.5mm 4-conductor connector with o-ring.

You should check that the connections match your particular radio. Connections used only for cloning or programming are usually NOT present in these cables.

Handhelds using the 3.5mm/2.5mm 2 prong connector including the FT-411, FT-470, FT-530, FT-51R, FT-11R, FT-41R, FT-23R, FT-203R, FT-416, FT-703R, FT-109R, FT-109RH, FT-209R, FT-209RH, FT-709R, FT-709RH, FT-727R,

Pin	Function
3.5 Ring	Ground
3.5 Tip	Rx audio
2.5 Ring	Ground
2.5 Tip	Mic Audio

Handheld models including the FT-10R, FT-40R, FT-50R, FT-60R, VX-1R, VX-2R, VX-3R, VX-5R, VX-110, VX-150, and any other model including the CT-44 adapter and MH34b4b speaker microphone in their accessory list utilize the non-threaded 4 conductor 3.5mm type microphone plug

Pinouts for speaker and mic are reversed on the vx-3r