

Microphone and Wiring Suggestion

A number of CCARC kit-builders have wired their microphone connectors to match the Kenwood 4-pin microphone wiring. That wiring is

Pin	Meaning
1	Microphone
2	Push to Talk
3	Chassis Ground
4	Microphone Ground

You may need to rewire your intended microphone to match this configuration.

Note that the stock microphone element supplied with the μ BITX is an electret and requires a bias voltage. The μ BITX supplies about 11 volts, however, most electret elements work down to 2 volts.

In addition, a number of kit-builders have had success with the Cobra M75 amplified microphone.

This microphone is available from various sources. You may need to rewire its connector to match your radio. It requires a 9-volt battery.

