



## Icom Microphones and Adapter Cables

For the **Pro Set iC**, **BM-10-iC**, or **Pro Set Plus iC**, you have to order the **AD-1-iC** (for 8-pin radios) or the **AD-1-iCM** (for modular-jack radios like the IC-7000).

Do not use the **AD-1-iC** or **AD-1-iCM** with a **Pro Set 4**, **Pro Set 5**, **Pro Set Plus**, **BM-10-4**, or **BM-10-5**.

For the **Handi Mic iC** and the **Classic iC**, the correct adapter cable is the **CC-1-I** for the 8-pin rigs, and the **CC-1-iM** for the modular rigs.

For the **Traveler**, the correct adapter cable is the **HSTA-iM** for the modular rigs, and the **HSTA-iB** for the 8-pin rigs.

The **iCM** microphone is hard-wired for the Icom 8-pin rigs. If you want to use the **iCM** with the IC-703/706/7000, you need the **HSTA-iM** adapter cable (*yes, the one for the **Traveler***).

For the IC-703/706/7000, Heil only recommend the use of the **iCM**, **Handi Mic iC**, **Classic iC**, **BM-10-iC**, **Pro Set iC**, **Pro Set Plus iC** or the **Traveler**. Why? On SSB, dynamic elements (like the HC-4 and HC-5) *sometimes* work on these rigs. But on FM Icom uses much lower mic amplification, and you can't adjust it upward. It's not sufficient for the use of dynamic elements. *Only* the condenser elements of the "iC" products have enough gain to produce full FM deviation on these rigs.

For the "latest edition" base station rigs (the IC-746Pro, IC-756 Pro/ProII/ProIII, IC-7700, and IC-7800), the dynamic element products like the **GM-4**, **GM-5**, **HM-10 Dual**, **Handi Mic 4**, **Handi Mic 5**, **Pro Set 4**, **Pro Set 5**, **Pro Set Plus**, **BM-10-4**, and **BM-10-5** *do* have sufficient gain to drive these rigs perfectly well. But you must not, in the case of the headsets, use the "iC" or "iCM" adapter cables. For the **dynamic element products**, you need the **AD-1-I** or **AD-1-iM**, as mentioned previously.

### Technical Tip: Adapter Cables for Smaller Manufacturers

Icom, Kenwood, and Yaesu are not the only manufacturers of transceivers, of course. Here's a brief summary of what manufacturer uses what "major" manufacturer's protocol.

**Alinco** (DX-70) follows the Kenwood protocol. Use the CC-1-K and AD-1-K.

**Elecraft** (K2, K3) follows the Kenwood protocol. Use the CC-1-K and AD-1-K.

Note: these rigs can be configured for Icom-style condenser elements, so you can specify the Handi Mic iC with the CC-1-K, for example.

**Flex Radio** (SDR-1000/5000) follows the Yaesu protocol. Use the CC-1-Y and AD-1-Y.

**JRC** follows the Yaesu protocol. Use the CC-1-Y and AD-1-Y.

**SGC** (2020) follows the Kenwood protocol. Use the CC-1-K and AD-1-K.

**Ten Tec** on the **Orion II** and **Omni VII** follows the Yaesu protocol. Use the CC-1-Y and AD-1-Y. Earlier 4-pin Ten-Tec rigs use the CC-1-T and AD-1-T.



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