

HEADSETS



	2 prong	8 pin mod	8 pin	8 pin mod					
703, 706									
7000									
735, 745, 751, 756, 761, 775, 781									
746									
746 PRO, 756 PRO, 756 PRO II, PRO03, 7800									
VHF/UHF MOBILES									
HT									

HEADSETS



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746 PRO, 756 PRO, 756 PRO II, PRO03, 7800									
VHF/UHF MOBILES									
HT									

MICROPHONES



	2 prong	8 pin mod	8 pin	8 pin mod					
703, 706									
7000									
718, 735, 745, 751, 756, 761, 775, 781									
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VHF/UHF MOBILES									
HT									

⊕ Frequency +/- does NOT work with this application.



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-I8** 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.

HEADSETS



520,820, 120, 130, 180, 830	PLUG	2 prong	8 pin mod	8 pin	4 pin
440, 570, 870, 940, 950, 2000, TS-50, 140, 680, 690, 930	PS Quiet- phone 4/5	X	AD-1 KM	AD-1 K	AD-1 K4
VHF/UHF Mobiles, TS480	PS Quiet- phone iC	X	X	X	X
HT	ProSet 4/5	X	X	X	X
	ProSet iC	X	X	X	X
	Media Pro	X	X	X	X
	AD-1 KM	X	X	X	X
	AD-1 K	X	X	X	X
	AD-1 K4	X	X	X	X
	ProSet Plus	X	X	X	X
	ProSet Plus IC	X	X	X	X
	Traveler, Single Side	X	X	X	X
	Traveler, Dual Side	X	X	X	X
	BM-10 4/5	X	X	X	X
	BM-10 iC	X	X	X	X

MICROPHONES



520,820, 120, 130, 180, 830	PLUG	2 prong	8 pin	4 pin
440, 570, 870, 940, 950, 2000, TS-50, 140, 680, 690, 930	CC-1 K4	X	X	X
VHF/UHF Mobiles, TS480	CC-1 XLR-K	X	X	X
HT	iCM	X	X	X
	GM 4/5	X	X	X
	GM Vintage	X	X	X
	HM-10 Dual	X	X	X
	Handi Mic 4/5	X	X	X
	Handi Mic iC	X	X	X
	Handi Mic PRO	X	X	X
	Handi Mic Pro Plus	X	X	X
	PR 20/ 30/40/781	X	X	X
	Heritage/ The Fin	X	X	X

⊕ Frequency +/- does NOT work with this application.
 ⊕ Only the HC-4 element works on this application.

HEADSETS



FT-100	817, 897, 857	FT1000 series, FT920, FT847, 990, FT-2000, Fttx9000	8800, 8900R, 2800M, 7800, FT-1500	50r, 60r, vx 1, 2, 5, 150	VX170	VX6R, VX7R (use Yaesu CT91 & iHT)
Unique Thread	1/8" single	1/8" single	1/8" single	1/8" single	Unique Thread	1/8" single
PLUG	6 pin mod	8 pin mod	6 pin mod	8 pin mod	PLUG	6 pin mod
XX	XX	XX	XX	XX	XX	XX
	XX	XX	XX	XX	XX	XX
			XX	XX	XX	XX
				XX	XX	XX
					XX	XX
						XX

[⊕] Only the HC-4 element works on this application.
[⊖] Frequency +/- does NOT work with this application.

MICROPHONES



FT-100	817, 897, 857	FT1000 series, FT920, FT847, 990, FT-2000, Fttx9000	8800, 8900R, 2800M, 7800, FT-1500	50r, 60r, vx 1, 2, 5, 150	VX170	VX6R, VX7R (use Yaesu CT91 & iHT)
Unique Thread	1/8" single	1/8" single	1/8" single	1/8" single	Unique Thread	1/8" single
PLUG	6 pin mod	8 pin mod	6 pin mod	8 pin mod	PLUG	6 pin mod
XX	XX	XX	XX	XX	XX	XX
	XX	XX	XX	XX	XX	XX
		XX	XX	XX	XX	XX
			XX	XX	XX	XX
				XX	XX	XX
					XX	XX
						XX

[⊕] Only the HC-4 element works on this application.
[⊖] Frequency +/- does NOT work with this application.

BM-10 4/5

PS Quiet-
phone 4/5

PS Quiet-
phone iC

ProSet 4/5

ProSet iC

Media Pro

Traveler
Single Side

Traveler
Dual Side

AD-100
& AD-1 Y

HEADSETS

	Other	Ten-Tec Omni, Jupiter	Ten-Tec Orion	Ten-Tec Orion II, Omni VII	Drake	Collins S-Line KWM-2	Alinco DX70	Cell Phone	PC	3/16" stereo	4 pin round	2.5 mm	1/8"	4 pin special	8 pin	4 pin	4 pin	PLUG
PS Quiet- phone 4/5																		PS Quiet- phone 4/5
PS Quiet- phone iC																		PS Quiet- phone iC
ProSet 4/5																		ProSet 4/5
ProSet iC																		ProSet iC
Traveler Single Side																		Traveler Single Side
Traveler Dual Side																		Traveler Dual Side
BM-10 4/5																		BM-10 4/5
BM-10 iC																		BM-10 iC
Heritage/ The Fin																		Heritage/ The Fin

⊕ Only the HC-4 element works on this application.

⊕ PTT and Frequency +/- doesn't work on this application.

MICROPHONES

	Other	Ten-Tec Omni, Jupiter	Ten-Tec Orion	Ten-Tec Orion II, Omni VII	Drake	Collins S-Line KWM-2 Drake TR-4	Alinco	Cell Phone	PC	3/16" stereo	4 pin special	2.5 mm	1/8"	4 pin round	8 pin	4 pin	4 pin	HSTA- CELL
CC-1 T Orion																		CC-1 T Orion
CC-1 Y Orion																		CC-1 Y Orion
CC-1 D																		CC-1 D
CC-1 C																		CC-1 C
CC-1 K																		CC-1 K
CC-1 R																		CC-1 R
HSTA- PC																		HSTA- PC
HSTA- PC CC-1 I																		HSTA- PC CC-1 I
CC-1 Y Orion																		CC-1 Y Orion
CC-1 D																		CC-1 D
CC-1 C																		CC-1 C
CC-1 K																		CC-1 K
CC-1 R																		CC-1 R
CC-1 XLR-K																		CC-1 XLR-K
CC-1 XLR-Y																		CC-1 XLR-Y
CC-1 XLR-K																		CC-1 XLR-K
CC-1 XLR-Y																		CC-1 XLR-Y

⊕ HST-
CELL