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Pro Set 4 Pro Set 5
Pro Set 6 Pro Set iC



All in and out of warranty items returned must be accompanied by a completed Heil hospital form, which can be found at www.heilsound.com/amateur/heil_hospital.htm

Heil Sound, Ltd. warrants these products to the original purchaser for a period of one year parts and 90 days labor from the date of purchase. It does not cover accidental or intentional damage. Heil Sound, Ltd. is not responsible for loss, damage or expenses that arise from the use or the inability to use this product.

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ProSet 4 ProSet 5 Pro Set 6 ProSet iC

The award winning Pro-Set Boomset is the choice of top contest and DXpedition operators. It offers a dual side, full ear muff with 40 dB of outside rejection, and is so comfortable that it can be worn for a complete 48 hour contest stretch. The cushioned ear pad covers are removable for washing and can be easily replaced. All parts are available to be replaced in the field. The Pro-Set has been retooled with fiber reinforced side pieces and heavier swivel mounts.

The Heil Pro-Set Boomset now features the exclusive Heil Phase Reversal switch which allows the user to acoustically move the signal. By reversing the phase switch to 'In' the signal is placed in the center of the users head. Flipping the switch to 'Out' creates a spatial widening sound field that makes it easier to "see" a signal in a pile up.

The Heil HC-4 Element has been designed for Serious DXers. It places a +10 dB rise at 2,000 Hz, which is right in the middle of the human speech range. The result is not a pretty sound, but it cuts through. The frequency response is 600 Hz - 8 kHz.

The HC-5 Key Element is the pick for everyday articulate speech audio anywhere you need good, full range, articulation. A +6 dB rise at 2,000 Hz (frequency right in the middle of the human voice pattern) brings great articulation to your signal. The frequency response is 300 Hz - 8 kHz.

Exclusively for the iCOM, Heil Sound has created the iC Series Condenser Elements. Working with iCOM America this has been made to eliminate the low gain audio of the iCOM. This element must be paired with the Heil AD-1 iC adapter, which is included with the Pro-Set iC. The adapter has no internal d.c. blocking capacitor so power is applied to the 'iC' condenser. The frequency response is 35 Hz - 12 kHz.

HC-6 element.. Designed for commercial broadcast applications, the -3dB points are fixed at 100 Hz and 12 kHz with sensitivity of -57 dB at 600 ohms output impedance (centered at 1 kHz.)

The speakers in the Pro-Set series are 200 ohms and -3 dB point at 8 kHz. This reduces the hiss and noise of amateur radio receivers. The Pro-Set exhibits medium efficiency and will require 4 to 5 dB more drive than entertainment style headphones, but most transceivers have no problem driving these headphones with the AF gain set at about 2 o'clock.

The microphone audio for the Pro-Set series terminates into a 1/8" male plug while the head phone terminates into a 1/4" stereo plug.

The use of the AD-1 series mic adapters allow simple interface with popular transceiver inputs. The adapter is 6" long and has a 1/8" female input jack for the boomset microphone and a 1/4" female that is for the PTT (push to talk) line for the Heil foot switch or hand switch. The 1/4" stereo plug goes into the headphone jack on the transceiver front panel.

All Heil Pro-Set Boomsets are shipped with two washable, cotton ear pad covers and a foam windscreen that fits over the microphone. The windscreen does not change the frequency response, just the breath blasts directly into the microphone.

All Suggested Accessories sold separately:



AD-1 ADAPTOR COLOR CODE

Identifies which transceiver they are wired for.

Kenwood/Alinco-----	RED	Drake-----	PURPLE
Ten Tec-----	BLACK	Yaesu-----	YELLOW
Collins-----	WHITE	iCOM-----	BLUE

AD-1 iC----use only with Heil iC element; included with PS iC