

Pro Set Plus Pro Set Plus iC



Phase Reversal Switch



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 Plus

ProSet Plus iC

The Pro-Set Plus and Pro-Set Plus iC are the ultimate headsets for contest and DX operators with dual microphone elements and acoustically tuned chambers for the speakers. A speaker phase reversal switch places the signal in the centre of your head and creates a spatial widening sound field.

The award winning Pro-Set Plus Boomset offers a dual side full ear muff with 40 dB of outside rejection. The cushioned ear pad covers are removable for washing and can be easily replaced.

The Heil Pro-Set Plus and Pro-Set Plus iC both feature 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 Pro Set Plus is equipped with both the HC-5 and HC-4 Elements. The HC-5 is for everyday articulate speech audio. It operates at +6 dB rise at 2,000 Hz. The HC-4 element has been designed for Dxers. It places a +10 dB rise at 2,000 Hz. The result is not pretty, but it cuts through.

The Heil Pro Set Plus iC Heil Sound has both the DX Dream Machine HC-4 and the high performance 'iC' element in the microphone. When used with the special AD-1 iC adapter (an adapter with no blocking cap) you are able to use this boomset with your favorite iCOM (except 720, 730 and 740). This boomset works very well with the iCOM 781, 751 and the PRO Series. The DX HC-4 element will not work well with the older iCOMs.

There is a d.c. blocking capacitor inside the DX switch and HC-4 element. With an AD-1K or AD-1Y you can use the DX element and be perfectly at home with your 100D or 850, etc. Now you can use one headset on two totally different radios.

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 Plus 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 while the 1/4" female that exits the adapter is 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 Plus 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 Adapters



Bag 1

HS-2

FS-2

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