



HEADBAND ADJUSTMENT
 There is a stainless steel band inside the padded top band. By bending that top band you can adjust the pressure on your ears to a comfortable level.

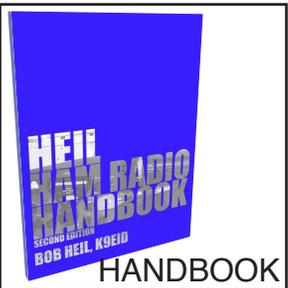
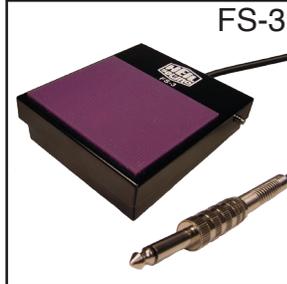
All in and out of warranty items returned must be accompanied by a completed repair form, which can be found at <http://heilsound.com/amateur/repairs>
 Heil Sound, Ltd. warrants these products to the original purchaser for a period of one year parts and 90 days labor from the date of purchase. It does not cover accidental or intentional damage. Heil Sound is not responsible for loss, damage or expenses that arise from the use or the inability to use this product.

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**Heil Sound
 Suggested
 Accessories**



PRO SET 6 / PRO SET IC



This comfortable dual earmuff boomset is the choice of top DX and contest operators worldwide. The Pro Set is available with the HC-6 or iC element.

If you have any questions regarding the proper headset or interface cable for your setup please contact a local Heil Sound dealer or contact Heil Sound directly.



www.heilsound.com

PRO SET 6 / PRO SET 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 in the field. The Pro Set has been re-tooled with fiber reinforced side pieces for maximum durability.

The Heil Pro Set 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.

Exclusively for iCOM, Heil Sound has created the iC Series Condenser Element. Working with iCOM America this has been made to eliminate issues with low gain audio of some iCOM rigs. 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.

The HC-6 element was designed for commercial broadcast applications, and everyday rag-chew. 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 are 200 ohms and -3 dB point at 8 kHz. This reduces the hiss and noise of amateur radio receivers. The Pro Set exhibits its 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.

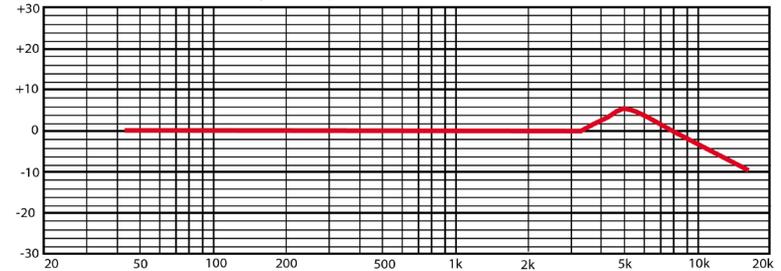
The microphone audio for the Pro Set series terminates into a grey 1/8" male mono plug while the head phone terminates into a 1/8" stereo plug (1/8"-1/4" headphone adapter included).

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.

The use of the AD-1 series mic adapters allow simple interface with popular transceiver inputs. The adapter is 8" 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 headphone plug goes into the headphone jack on the transceiver front panel. See the diagram to the right.

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|--------------------|---|
| Generating Element | 6: Dynamic iC: iC Condenser |
| Frequency Response | 6: 100 Hz - 12 kHz iC: 35 Hz - 12 kHz |
| Polar Pattern | Cardioid |
| Impedance | 6: 600 Ohms iC: 1.5k Ohms |
| Output Level | 6: -57 dB at 1 kHz iC: -48 dB at 1 kHz |
| Weight | 10.6 oz |

iC Element Frequency Response



Dynamic HC6 Element Frequency Response

