



HM-10 XD

NEW

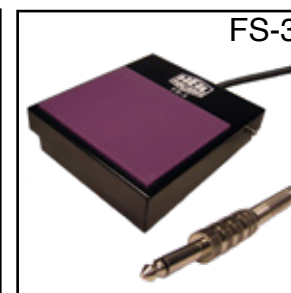
Heil Sound 'Gi [[YghYX'5 WWggcf]Yg



SM-1



PL2T



FS-3



HS-2



T-SHIRTS

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HM-10 XD

The popular HM-10 had been redesigned with our new HC-5X (wide) and HC-4X (narrow) elements mounted on an acoustically tuned chamber to reproduce the popular narrow HC-4 response for DX work and wide smooth response of the HC-5 elements. This allows users to operate a full range mic for everyday rag chew and instantly switch to a narrow punchy DX element for DX work or to just punch through pileups. One mic that covers all your needs in communications.

The new HC-5X (wide) is ideal for every day, articulate speech audio anywhere you need good, full-range audio. A +6 dB rise at 2,500 Hz, the frequency right in the middle of the human voice pattern, brings great articulation to your signal. The low-end response rolls off at 300 Hz. The -3 dB point of the HC-5X is set at 300 Hz to 8 kHz with the tuned peak being +6 dB at 2,500 Hz.

The Heil HC-4X (narrow) element has been designed for serious DX-ers. It places a +10 dB rise at 2,500 Hz, which is right in the middle of the human speech range. The result is not a pretty sound, but it cuts through. The low-end response rolls off at 600 Hz. The -3 dB point of the HC-4X is set at 600 Hz to 6 kHz with the tuned peak being +10 dB at 2,500 Hz.

The HM-10 XD microphone has been designed for speaking no further than 2" from the mic. The windscreen provided will cut down on breath blasts caused by the close range, but will not alter the audio.

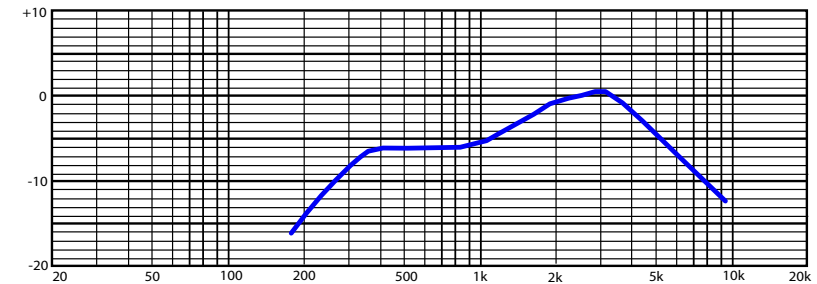
The HM-10 XD microphone comes equipped with a microphone clip and a foam windscreen.

A CC-1 adapter is required to interface with your transceiver.

To achieve optimal tailored response for the HM-10 XD you will need to increase your mic gain 3-4 dB over a standard dynamic element.

Generating Element	HC-5X (wide): Dynamic HC-4X (narrow): Dynamic
Frequency Response	HC-5X (wide): 300 Hz - 8 kHz HC-4X (narrow): 600 Hz - 6 kHz
Polar Pattern	HC-5X (wide): Cardioid HC-4X (narrow): Cardioid
Impedance	HC-5X: 600 Ohms HC-4X: 600 Ohms
Output Level	HC-5X (wide): -72 dB at 1 kHz HC-4X (narrow): -76 dB at 1 kHz
Weight	8.8 oz.

HC-5X Element Frequency Response (wide)



HC-4X Element Frequency Response (narrow)

