

PR 35



Supplied
with an SM-5 mic clip,
a windscreen, three
color trim rings and a
leatherette carrying
case.



All in and out of warranty items returned must be accompanied by a completed Heil hospital form, which can be found at <http://www.heilsound.com/pro/repairs/index.php>
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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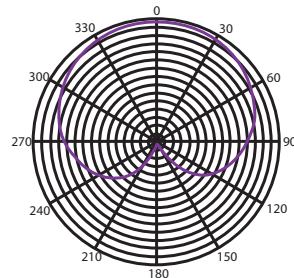
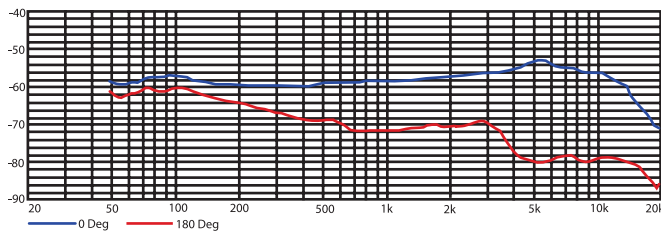


PR 35

The PR 35 has been designed for commercial broadcast, recording and live sound reinforcement applications, which require a smooth flat response over a wide frequency range. It was designed around the widely acclaimed Heil PR 30 large diaphragm dynamic element. The element has been mounted in a special internal rubber shock mount to further eliminate handling noise.

The PR 35 achieves its exceptional performance from the large aluminum 1 1/2" low mass voice coil assembly encompassed by a neodymium magnet assembly comprised of neodymium, iron and boron. Special attention has been paid to the phasing plug assembly. Equally placed ports sense a large amount of unwanted audio from behind the source which enters out of phase. This results in rear rejection of over -40 dB. Little to nothing is heard from the rear while the front pattern allows the vocalists to move freely about the front of the PR 35 without any change in response. There is virtually no off-axis coloration, even if 'cupped', the response of this new Heil technology will not change. The new Heil element can be used in extreme high sound pressure levels and is immune to overload conditions. It produces a beautifully smooth audio response without the inconvenience of phantom or outside d.c. powering.

The PR 35 has an internal low frequency filter push button switch which can be accessed by using a small screwdriver or paperclip. With the switch pushed DOWN, the audio rolls off at 80Hz at -6 dB per octave. In the UP position the filter is removed and the entire wide response of 40 Hz. to 18 kHz is present.



Output Connection	3 pin XLR
Generating Element	Dynamic with neodymium magnet structure
Output Level	-52.9 dB @ 1,000 Hz
Frequency Response	40 Hz to 18 kHz (no filter- 'UP') 80 Hz to 18 kHz (filter on -'DOWN')
Impedance	Balanced 600 Ohms Output, 3 pin XLR
Polar Pattern	Cardioid
Finish	rubberized, matte black
Net Weight	9 oz