

Comes with cast metal microphone holder and leatherette carrying case with molded foam insert (pictured here)



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 40



# PR 40

The PR 40 is a full-range microphone for broadcast and studio applications. It has been tested in many blind A-B tests (in a Burbank rehearsal hall, the Heil lab and several major studios around the U.S.). This revolutionary Heil dynamic microphone exhibits amazingly clear, clean and natural sound.

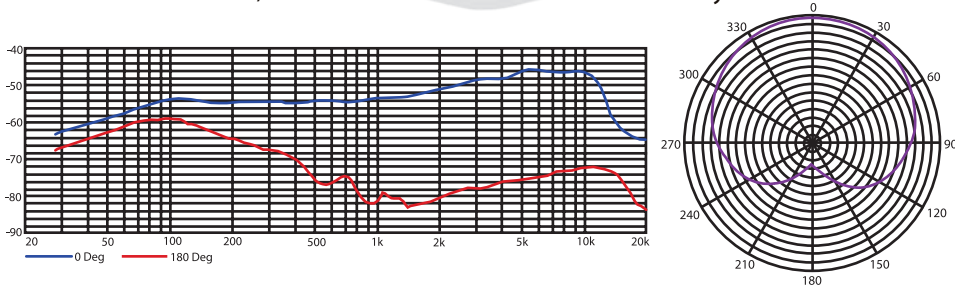
The PR 40 features the technology of the Heil DM 6 dynamic element with response down to 28 Hz that stays perfectly flat up through 18 kHz with a beautiful mid range rise giving this new microphone gorgeous vocal articulation.

The Heil PR 40 has a very unique copper wound voice coil that uses a special mixture of iron, boron and a neodymium magnet structure which creates a magnetic field ten times stronger than the traditional magnets of other microphones. Coupled to a low mass quilted aluminum diaphragm, the PR 40 exhibits a tremendous low frequency response with low distortion throughout its wide frequency range. To date, the Heil PR 40 is the only dynamic mic that will reproduce 28 Hz. It looks like, acts like and sounds like a condenser without messing around with phantom power.

Heil Sound has developed better 'pop' protection for the PR 40. While other microphones have just a single metal screen (making it necessary to use external pop filters) Heil sound uses two screens. The inner screen has smaller openings while the outer one, that you see, has larger openings. This breaks up the breath blasts and diverts them from hitting the microphone diaphragm directly. A very course acoustically transparent foam is also mounted on top of the element to further reduce breath blasts.

The Heil PR 40 is supplied with an adjustable cast metal microphone holder (SM-3), mounts onto any 5/8" - 27 mic thread. The PR 40 is delivered to you in a padded leatherette bag with molded foam insert.

For amateur radio use, a CC-1 XLR is needed to interface with your transceiver.



**!!! ATTENTION !!!**  
 This is an END - FIRE microphone. Audio is acquired from the END of this microphone, NOT the side.

## Suggested Accessories



Frequency Response	28 Hz to 18 kHz
Body Material	zinc
Generating Element	Copper Wound dynamic with Neodymium magnet structure
Impedance	Balanced 600 Ohms Output, 3 pin
Polar Pattern	End fire, Cardioid, uniform
Output Level	-53.9 dB @ 1,000 Hz
Finish	Anodized champagne matte
Net Weight	13.5 oz.

