

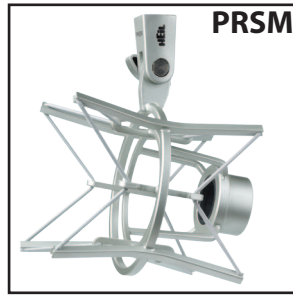


PR 40

**Heil Sound
Suggested
Accessories**



USBQ



PRSM



CB-1 PTT



SB-2



PL2T

All in and out of warranty items returned must be accompanied by a completed repair form, which can be found at <http://heilsound.com/pro/repairs>
Heil Sound, Ltd. warrants these products to the original purchaser for a period of three years 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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The PR 40, with its broad frequency response, is the ideal mic for bass drums and bass guitar. With its superb rear rejection the PR 40 is a must for broadcasters.

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.

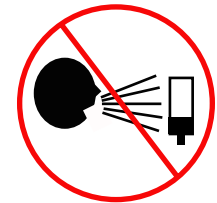
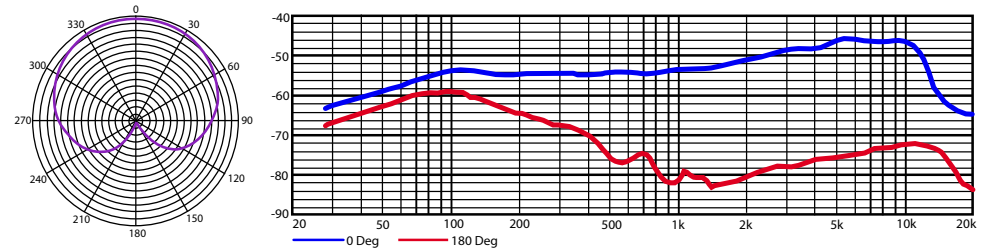
The PR 40 features the technology of the Heil DM 6 dynamic element with response down to 28 Hz that stays perfectly flat up through 18 kHz with a beautiful mid range rise giving this new microphone gorgeous vocal articulation.

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 coarse 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) that mounts onto any 5/8"- 27 mic thread. The PR 40 is delivered to you in a padded leatherette bag with molded foam insert.

Output Connection	3 pin XLR
Element Type	Dynamic
Frequency Response	28 Hz - 18 kHz
Polar Pattern	Cardioid
Rear Rejection @ 180° off axis	-40 dB
Impedance	600 ohms balanced
Output Level	-53.9 dB @ 1 kHz
Weight	13.5 oz.
Max SPL	148 dB



!!! ATTENTION !!!

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