

Professional Microphones for Broadcast, Recording, and Live Sound

PR-22

General Specifications

The Heil PR 22 represents completely new dynamic microphone technology designed for a wide range of professional applications such as live sound, commercial broadcast, and sophisticated recording. Its wide frequency range and outstanding low handling noise outperforms the tired, 30+ year old industry technology and can withstand huge amounts of SPL. The end result is a microphone that can answer the call to any application. For example, the gorgeous upper mid range makes the PR 22 the absolute best live vocal microphone, while its outstanding frequency response and superb dynamic range suit it perfectly for use with a snare drum.

Since 1982, Heil Sound has been the leading manufacturer of communications microphones and has a paramount understanding of phasing. When properly applied, this knowledge creates outstanding cardioid patterns with unbelievable rear rejection that removes unwanted sounds that try to enter from the off axis rear. The pattern control of the Heil PR 22 is outstanding. This exceptional performance is achieved by using the ideal combination of materials for the large low mass diaphragm and a special mixture of neodymium, iron, and boron that gives the PR 22 the strongest magnet structure available.

In addition to the special magnet structure, the PR 22 achieves its exceptional performance by using a large 1 1/8" low mass voice coil assembly with a very unique internal sorbothane suspension system that has been designed to reduce undesirable handling noise. Special attention has been paid to the phasing plug assembly with equally placed ports that sense audio from behind, entering them out of phase. Thus, the PR 22 produces a very linear cardioid pattern and reduces the proximity effect while achieving perfect articulation. This new Heil element is usable in extreme high sound pressure levels and is immune to overload conditions making it perfect for vocal and live sound applications.

The PR 22 is supplied with a leatherette carrying bag, a mic clip and three metal wind screens (black, silver and gold).

Suggested Accessories include: [the Heil Topless Boom](#), [SM-1 Shock Mount](#) and the [CB-1 PTT Classic Base](#).

In Action



The Oreo Divas using the PR-22

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For questions contact: info@heilsound.com | E-mail Bob: bob@heilsound.com

Heil Sound, LTD 5800 N. Illinois St., Fairview Heights, IL 62208

1-618-257-3000 fax 1-618-257-3001

E-mail the webmaster at michelle.heilsound@gmail.com