SPECIFICATIONS PVM™22

Diaphragm type:
Diamond coated

Element type:
Dynamic

Magnet composition:
Neodymium iron boron

Pick up pattern:
Cardioid

Front-to-back rejection:
20 dB (typical)

Impedance:
400 ohms, balanced

Frequency response:
50 Hz to 16 kHz

Sensitivity (at 1 kHz open circuit voltage):
-48 dBV/Pa (1 Pa = 94 dB SPL)

Maximum:
SPL 140 dB

Case (housing):
Die-cast zinc

Finish:
Black rubberized paint

Pop filter:
Dual, integral, open-cell foam

Phasing:
Positive (inward) pressure on diaphragm produces positive voltage at Pin #2

Weight:
9.92 oz. (281 g)

Features:

- Diamond-coated diaphragm
- Cardioid polar response
- Neodymium magnetic
- Smooth, accurate frequency response
- Ultra-high sensitivity

Description

Thank you for choosing the Peavey PVM 22 diamond-coated microphone. The PVM 22 is dynamic cardioid and incorporates a neodymium magnet—which has more than twice the sensitivity of conventional microphones—and our diamond-coated diaphragm for flawless transient and frequency response. The cardioid polar response is one of the most popular patterns in the industry, giving the user the freedom of movement within the frontal lobe while maintaining a relatively consistent sound. The rear rejection of the PVM 22 is typically 20 dB less sensitive than the on-axis response. This helps reduce feedback from stage monitors and background noise. The cardioid pattern also works well when trying to get a good sound on acoustic instruments.

The Amorphous Diamond-Coated Diaphragm is a patented technology that coats the diaphragm with a super-thin layer of diamond, which offers many advantages over conventional laminating or other coating materials. Mainly, it improves the stiffness of the large diaphragm. In return, it keeps the diaphragm super stiff but ultra light, which is needed for extended high-frequency response and sharp, crisp highs.

SPECIFICATIONS PVM™22

The most significant advances in the microphone industry have been made through the utilization of high-tech polymers. We are proud to say that we are always at the forefront of this technology by utilizing the latest designs. By doing so, we have developed a new shock mounting system that reduces handling noise, cable noise and noise picked up by the mic stand.

By combining the latest in technologies, performance, styling and durability, the Peavey PVM 22 microphone is the professionals choice for the sound reinforcement industry.

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The microphone shall be a moving-coil dynamic with a frequency response of 50 Hz to 16 kHz. The microphone shall have a cardioid characteristic typically 20 dB down from the front response. The microphone shall have an output of -48 dBV per Pascal where 1 Pascal = 94 dB of SPL with no load (open circuit).

The microphone shall have a black rubberized finish that can withstand the toughest conditions. The microphone uses a standard mic clip for stand mounting. The connector shall be a three-pin XLR equivalent audio type.

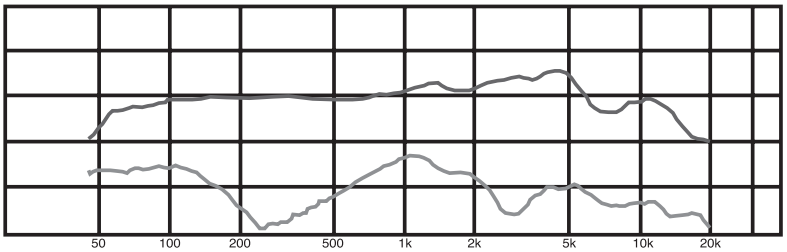
PROXIMITY

Proximity effect is a naturally occurring phenomenon in unidirectional microphones. The effect is to accentuate or boost the low frequency response. This effect is a function of distance from the diaphragm to the source and increases as the diaphragm is moved closer to the source.

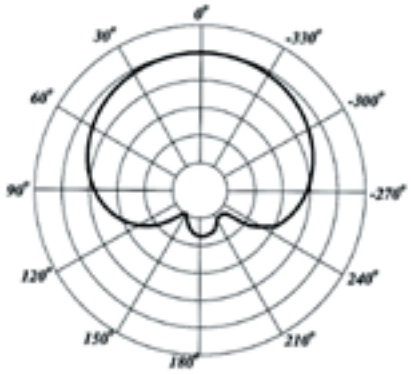
2-YEAR LIMITED WARRANTY

NOTE: For details, refer to the warranty statement. For copies of this statement, contact Peavey Electronics Corporation, at P.O. Box 2898, Meridian, Mississippi 39301-2898, or go online to www.peavey.com.

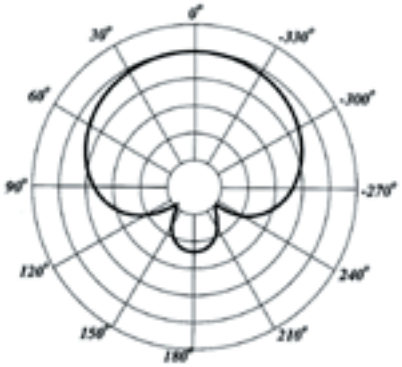
Frequency Response



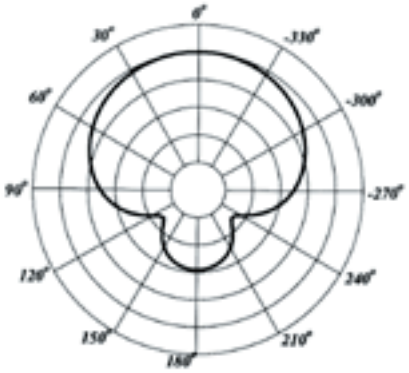
Pickup Patterns
(5 dB per division)



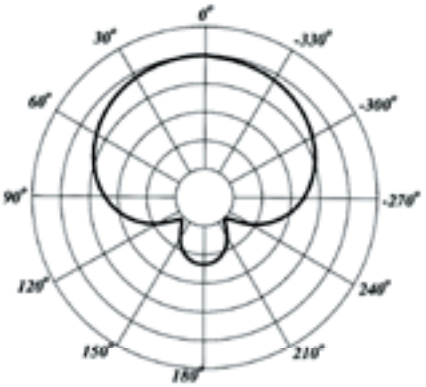
250 Hz



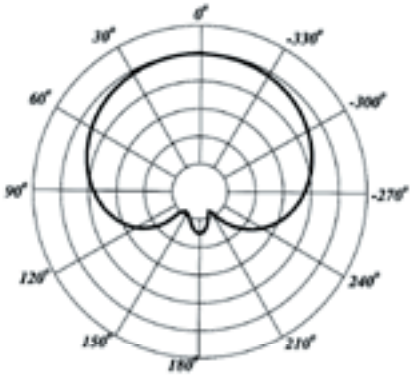
500 Hz



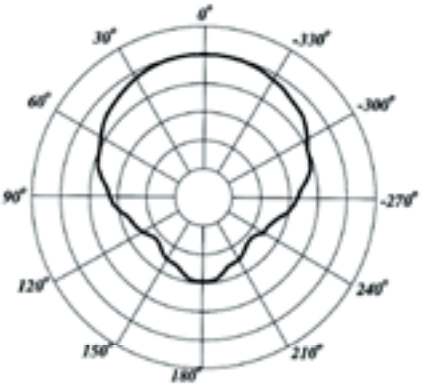
1000 Hz



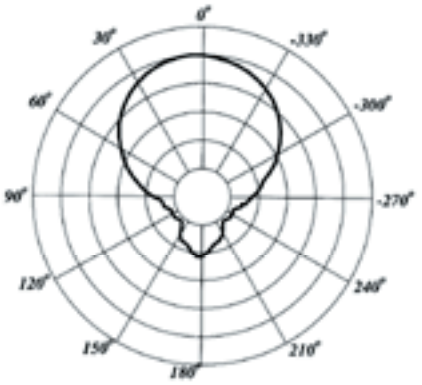
2000 Hz



4000 Hz



8000 Hz



10,000 Hz

Features and specifications subject to change without notice.

Logo referenced in Directive 2002/96/EC Annex IV (OJ(L)37/38,13.02.03 and defined in EN 50419: 2005

The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005

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