

SPECS

PEAVEY ELECTRONICS

PVM™ 480 Microphone

SPECIFICATIONS

Element Type:

Back-electret condenser

Frequency Response:

40 - 20,000 Hz

Polar Pattern:

Supercardioid

Front-to-Back Rejection:

20 dB at nulls (typical)

Impedance:

Low (500 ohms, balanced)

Sensitivity:**Output Power Level:**

-48 dB (0 dB = 1 mW/Pascal)

Open Circuit Voltage:

-64 dB (0 dB = 1 volt/dyne/cm²)

Maximum SPL:

128 dB

S/N Ratio:

Better than 69 dB reference 1 Pascal

Connector:

3-pin XLR type

Power Requirements:

Phantom 9-52 volts

Finish:

Black Powder Coat

Phasing:

Positive (inward) pressure on diaphragm produces positive voltage at pin #2.

Dimensions:

See figure 3

Weight:

2.1 oz. (60 grams)

Furnished Accessories:

Carrying case, swivel adaptor, external windscreen, and 25' balanced cable

FEATURES

- Permanently polarized condenser element (back-electret type)
- Flat, wide-range frequency response
- Very effective supercardioid directional pattern



- Wide dynamic range
- 9-52 volt phantom supply capability
- Rugged construction
- Sturdy carrying case, swivel adaptor, external windscreen, and 25' balanced cable supplied

DESCRIPTION

The PVM™ 480 is a permanently polarized condenser microphone utilizing advanced back-electret technology to achieve optimum performance.

The widely extended flat frequency response and excellent transient characteristics assure accurate reproduction of almost any type of sound

Very good rejection of unwanted sound and feedback is afforded by the PVM 480's highly effective supercardioid polar response. The

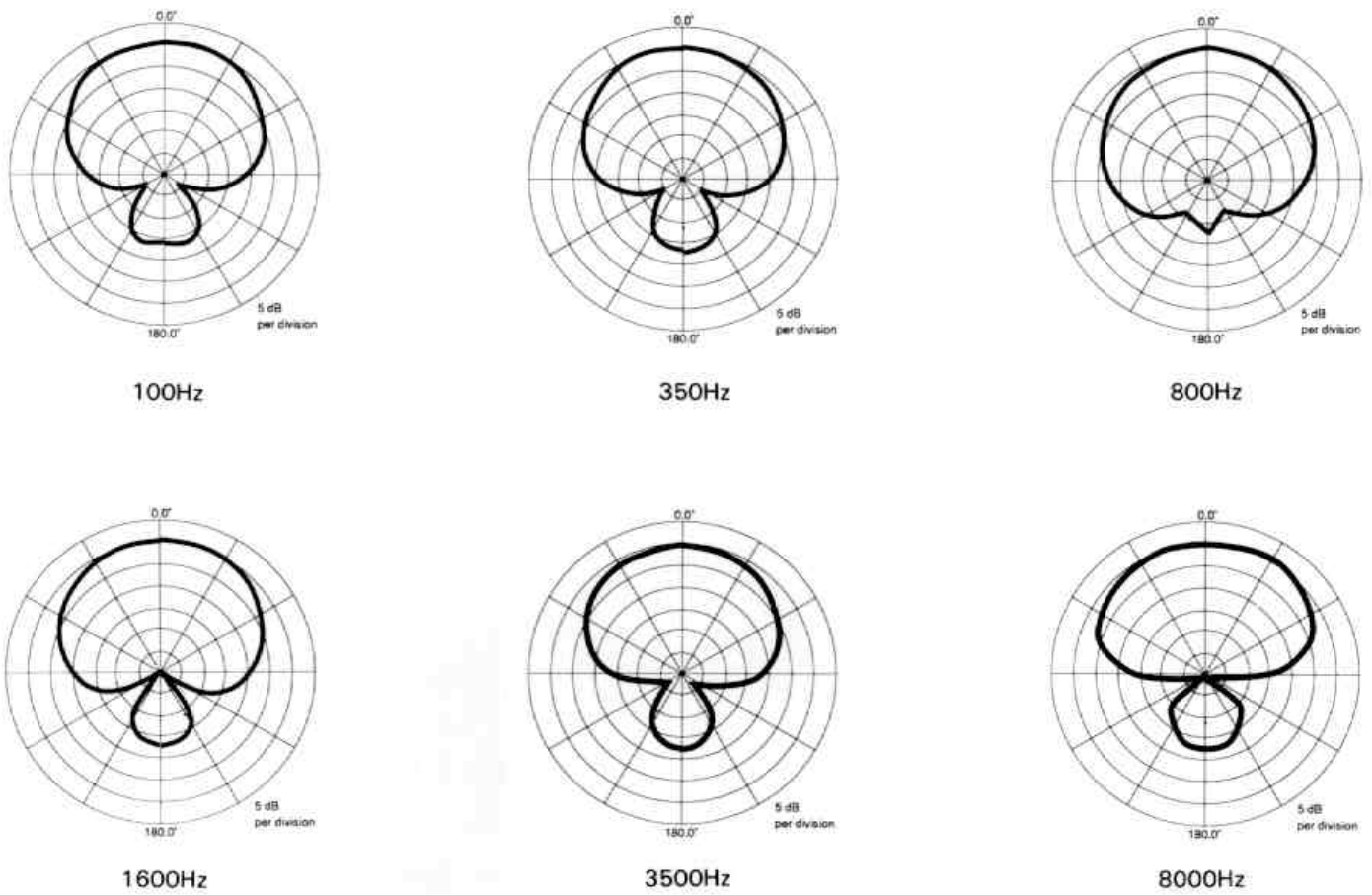
unusual frequency uniformity of this pattern assures minimal sound coloration due to the acoustic environment.

The electronic circuitry is specially designed to provide a high signal-to-noise figure and clean reproduction of high-level sounds, resulting in a comfortably wide dynamic range.

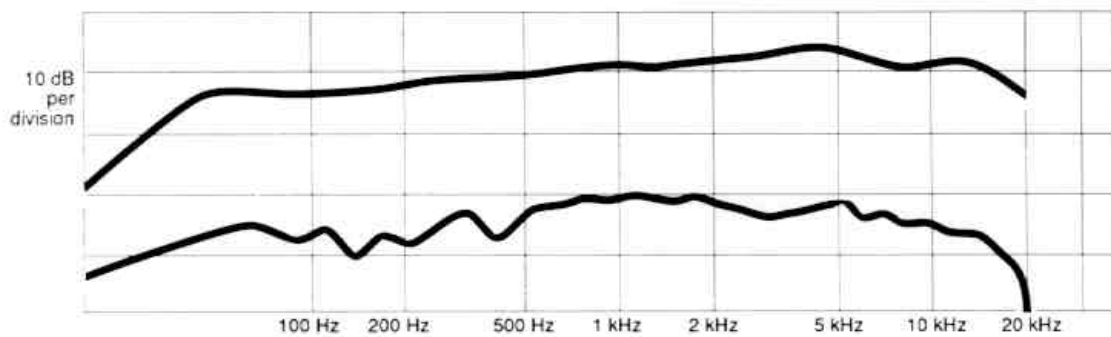
The PVM 480 will operate properly with any phantom power supply providing between 9 and 52 volts.

A rugged machined housing assures top performance, even after severe abuse. The black, hard-coat finish is very resistant to damage.

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Polar Patterns
Figure 1



Frequency Response
Figure 2

0° and 130°

With its exemplary combination of features, the PVM 480 is ideally suited to the most exacting reproduction applications – including digital sampling, studio and location recording, instrumental pickup, studio and remote broadcasting, podiums, and many more.

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The microphone shall be a permanently polarized condenser type

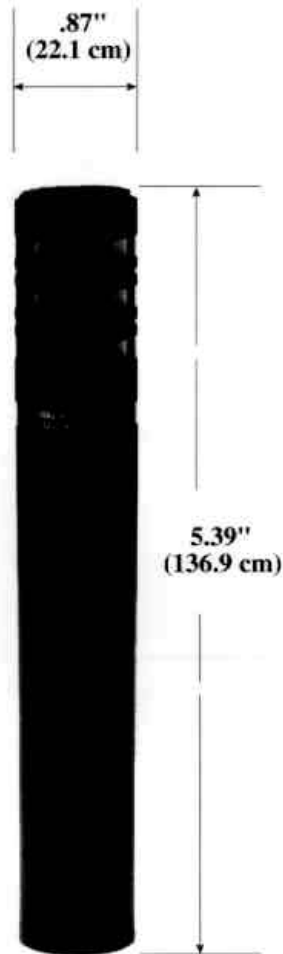
employing a back-electret with a frequency response of from 40 Hz to 20,000 Hz. The microphone shall have a supercardioid polar characteristic with a null rear response which is typically 20 dB down. The microphone shall have an output power level of -48 dB where 0 dB = 1 mW/Pascal and a nominal impedance rating of 55 ohms.

The microphone shall have a black hard-coat finish on a machined case. The connector shall be a 3-pin XLR equivalent audio type. A swivel adaptor shall be provided for mounting to a

stand having 5/8"-27 thread. The microphone shall have overall dimensions of 5-3/8" in length and 1-7/8" in diameter. The microphone shall be a Peavey model PVM™ 480 or equivalent.

ONE-YEAR LIMITED WARRANTY

NOTE: For details, refer to the warranty statement. Copies of this statement may be obtained by contacting Peavey Electronics Corporation, PO Box 2898, Meridian, MS 39302-2898.



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Features and specifications subject to change without notice.

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