

## SPECIFICATIONS

## PVM™ 480

**Element type:**

Black-electret condenser

**Frequency response:**

40 Hz to 20 kHz

**Pick up pattern:**

Supercardioid

**Front-to-back rejection:**

20 dB at nulls (typical)

**Impedance:**

Low (500 ohms, balanced)

**Sensitivity (at 1 kHz open circuit voltage):**

-46 dBV/Pa (1 Pa = 94 dB SPL)

**Maximum SPL:**

128 dB

**S/N ratio:**

Better than 69 dB  
reference 1 Pascal

**Connector:**

Three-pin XLR type

**Power requirements:**

Phantom 9-52 volts

**Finish:**

Powder coat

**Phasing:**

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

**Weight:**

2.5 oz. (70.8 g)

**Furnished accessories:**

External windscreen, mic clip 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
- External windscreen, mic clip and 25' balanced cable provided

**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 ensure 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 ensures 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.



# SPECIFICATIONS PVM™480

A rugged, machined brass housing ensures top performance, even after abuse. The black, hard-coat finish is very resistant to damage. (An optional white finish is available.)

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 kHz. The microphone shall have a supercardioid characteristic with a null rear response which is typically 20 dB down. The microphone shall have an output of -46 dBV per Pascal where 1 Pascal = 94 dB of SPL with no load (open circuit).

The microphone shall have a black hard-coat finish on a machined case. The connector shall be a three-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.

## 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](http://www.peavey.com).



### Pickup Patterns

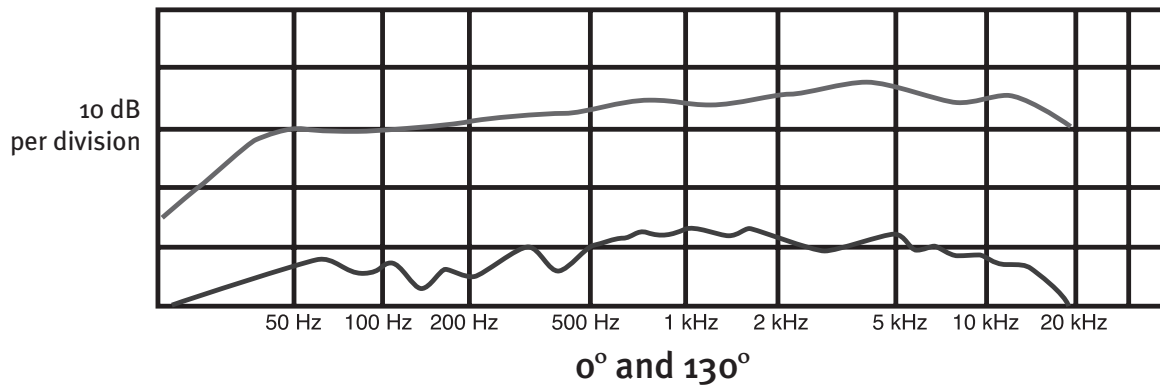
Figure 1



100 Hz 800 Hz 1.6 kHz 8 kHz

### Frequency Response

Figure 2





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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