

PEAVEY ELECTRONICS

PV[®] Microphone

SPECIFICATIONS

Element Type:

Dynamic

Polar Pattern:

Cardioid

Front-to-Back Rejection:

17 dB typical

Impedance:

Low Z (500 ohms, balanced)

Frequency Response:

50 to 14,000 Hz

Sensitivity:

Output Power Level:

-59 dB (0 dB = 1m
w/10 microbars*)

Open Circuit Voltage:

-75 dB (0 dB = 1 volt/dyne/cm²)

Case (Housing):

Die-cast alloy

Finish:

Low-gloss black

Windscreen:

Brazed steel mesh

Pop Filter:

Integral acoustic foam

Connector:

3 pin XLR-type

Switch:

Slide on/off, shorting

Phasing:

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

Weight:

8 oz. (227 grams)

*10 microbars = 1 pascal =
10 dynes/cm²

FEATURES:

- On/off switch in handle
- Clean, natural sound
- Cardioid unidirectional polar response
- Low pop and handling noise



- Rugged die-cast and steel case
- Low-gloss black finish

DESCRIPTION:

The PV[®] is a cardioid unidirectional dynamic microphone designed for applications in which a built-in "on/off" switch is desired. With a clean, natural speech response and good noise and feedback rejection, the PV is an ideal microphone for vocals, church and institutional systems, meeting rooms,

auditoriums, and some instruments — almost anywhere in which convenient local control of the microphone is required. The PV mic has been

PEAVEY[®]

re-fashioned to make it attractive in any setting. An integral acoustic foam pop and wind filter provides effective control of plosive sounds and moderate wind. The internal shock-mounting system minimizes handling and stand noise. The PV is a rugged, reliable microphone well-suited for rental systems, convention centers and similar rough usage applications. The PV mic gives the look, feel, and performance of expensive professional microphones at a fraction of the price. Also available in Hi Z.

NOTE: The switch mutes the microphone by directly shorting across the dynamic element. Microphones with this type of switching should not be used if more than one microphone is connected to the same input, since the "off" function on one microphone will also short any other unit connected to that input. If this type of operation is required, the use of a transformer-type microphone combiner is suggested. (Another possible alternative is to rewire the PV so that the switch is used to open one side of the line for "off.")

For high impedance mics, cable lengths of 25' or more and input impedance not less than 20 kilohms are not recommended due to loss of signal quality.

ARCHITECTURAL SPECIFICATIONS

The microphone shall be a moving coil dynamic type with a frequency response of 50 Hz to 14 kHz. The microphone shall have a cardioid polar characteristic with a rear response that is 15 to 20 dB down.

The microphone shall include a handle-mounted "on/off" switch slide type with positive action which short-circuits the microphone output. The microphone shall have non-reflecting, low-gloss paint on a die-cast alloy housing and a brazed metal screen. The connector shall be a 3-pin XLR equivalent audio type. The microphone shall have overall dimensions of 6½" in length and 1¾" in diameter. The microphone shall be a Peavey Electronics model PV or equivalent. This microphone will also have a high impedance model that shall be the PV Hi Z.

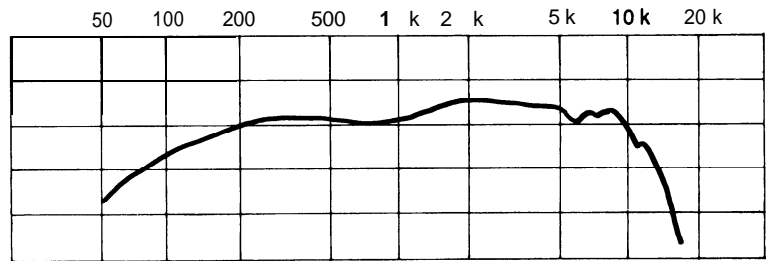


Figure 1. Frequency Response

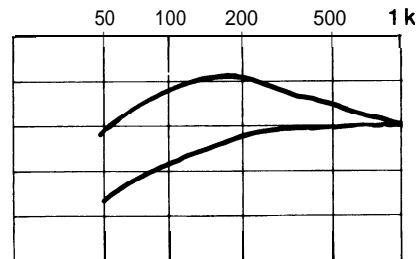


Figure 2. Proximity Effect

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.

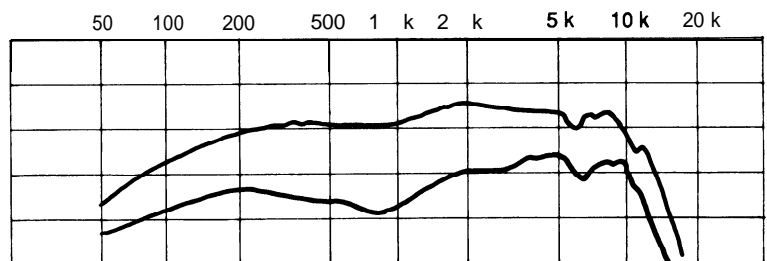
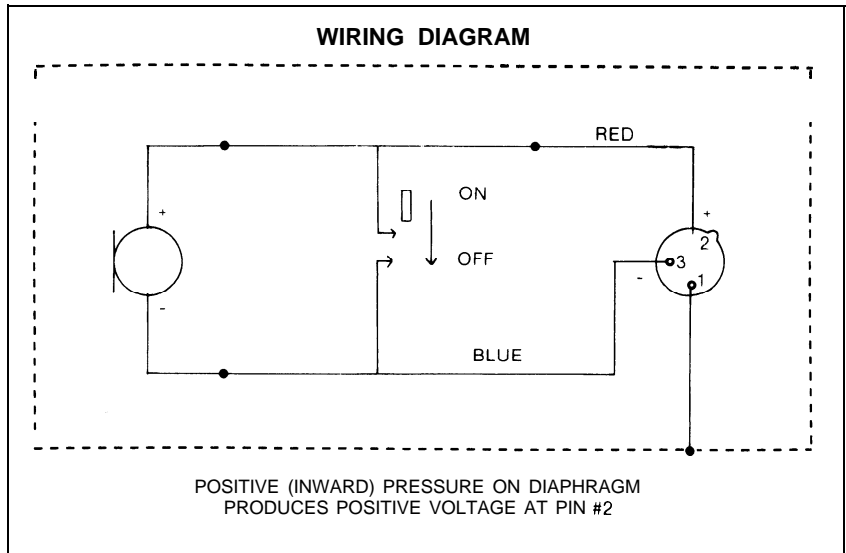
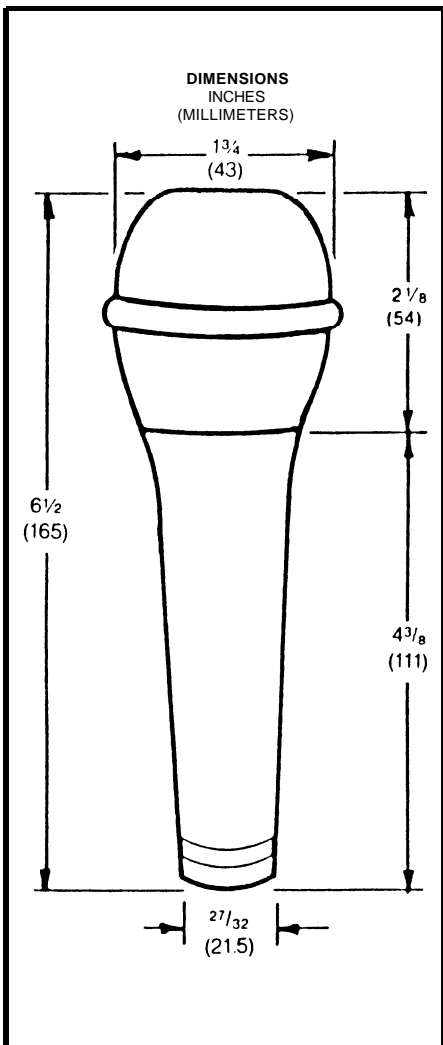
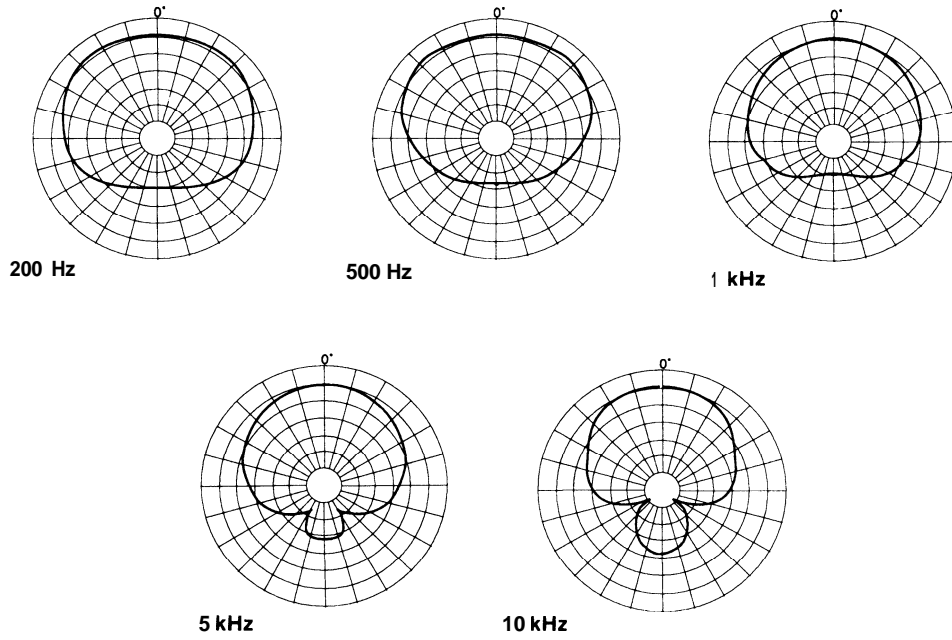


Figure 3. 0° and 180° Response

Figure 4. Polar Patterns



PEAVEY MICROPHONE LIMITED WARRANTY/REMEDY

PEAVEY ELECTRONICS CORPORATION ("Peavey") warrants this microphone to the original retail purchaser to be free from defects in material and workmanship for a period of one (1) year from date of purchase; provided, however, that the existence of this limited warranty is subject to the conditions, exclusions and limitations hereinafter set forth.

In case of a covered defect in material or workmanship, Peavey will repair or replace the microphone, at Peavey's option, provided that consumer:

(a) brings the defective microphone to any Peavey Authorized Dealer or Service Center and presents therewith a copy of the sales receipt or other proof of purchase. If the DEALER or SERVICE CENTER is unable to provide the necessary warranty service, the consumer will be directed to the nearest other PEAVEY AUTHORIZED DEALER or SERVICE CENTER which can provide such service; or

(b) returns the defective microphone, shipping charges prepaid, to Peavey Electronics Corporation, 711 A Street, Meridian, Mississippi, and includes therewith a written description of the problem, a copy of the sales receipt or other proof of purchase and consumer's complete return address.

If the defect is remedial under this limited

warranty and the other terms and conditions expressed herein have been complied with, Peavey will provide the necessary warranty service to repair or replace the microphone and will return it, freight collect, to the consumer.

Under no circumstances will Peavey be liable for any lost profits, lost savings or other consequential or incidental damages arising out of the use or inability to use the product, even if Peavey had been advised of the possibility of such damages.

THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR USE; provided, however, that upon compliance with the other terms and conditions necessary to the existence of the express limited warranty, such implied warranties are not disclaimed during the applicable one year period from date of purchase of this product.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE

ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

In the event any modification or disclaimer of express or implied warranties or any limitation of remedies contained herein conflicts with applicable law, then such modification, disclaimer or limitation as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

Peavey Electronics Corporation gives this limited warranty only with respect to Peavey microphones purchased in the United States of America. This limited warranty shall be void and of no effect if:

(a) first purchase of the product is for the purpose of resale; or

(b) the original retail purchase is not made from an AUTHORIZED PEAVEY DEALER; or

(c) the product has been damaged by accident or unreasonable use, neglect, improper service or maintenance, or other causes not arising out of defects in material or workmanship.

The Peavey logo is rendered in a bold, italicized, sans-serif typeface. The letters are thick and closely spaced, with a registered trademark symbol (®) positioned at the end of the word.

Features and specifications subject to change without notice.