VP89 End-Address Shotgun Condenser Microphones

The VP89 is a professional shotgun condenser microphone for use in critical broadcast and media production applications. Designed with interchangeable long, medium and short capsules, the VP89 models provide scalable, superior off-axis rejection for focus and flexibility in a wide variety of on-site locations.



VP89 (L,M,S)

Features

Updated Technology
- State-of-the-art preamplifier redesign
- Superior RF immunity
- Best-in-class Shure audio performance
- Internal low-frequency roll-off
- Recessed low-cut filter switch for additional control
- Smaller footprint
- Superior Shure design and rugged, roadworthy construction
- Full range of complementary accessories

Modularity
- Long, medium and short cartridge/barrel housings
  - Long – for focusing/targeting sound sources over long distances (sporting events, ENG, wildlife, field recording)
    - Extremely narrow pickup angle
    - Unmatched quality of off-axis rejection
  - Medium – wider target aperture for greater degree of ambience (audience response; talk shows, live concerts)
    - Narrow pickup angle
    - Unmatched quality off-axis rejection
  - Short – high volume, widest aperture – greatest ambience, near-field target range (camera mounting; discrete mounting)
    - Wide pickup angle
    - Unmatched quality of off-axis rejection
- VP89 SKUs available as separate models and component accessories
- Carrying case and foam windscreen included

*Exclusively manufactured by Rycote® Microphone Windshields Ltd. for Shure

Available Models

VP89S	VP89S Short Shotgun Microphone with Case and Foam Windscreen
VP89M	VP89M Medium Shotgun Microphone with Case and Foam Windscreen
VP89L	VP89L Long Shotgun Microphone with Case and Foam Windscreen

Specifications

Type	Electret Condenser
Frequency Response	VP89L: 60 Hz – 20 kHz VP89M: 100 Hz – 20 kHz VP89S: 140 Hz – 20 kHz
Polar Pattern	Hypercardioid/Lobar
Sensitivity (open circuit voltage @ 1 kHz, typical)	-33.5 dBV/Pa, 2.11 mV/Pa
Output Impedance	115.0 Ω
Maximum SPL (1 kHz at 1% THD)	2500 Ω load: 132.0 dB SPL 1000 Ω load: 128.5 dB SPL
Signal-to-Noise Ratio	79.0 dB
Self-Noise	15.0 dB(A)
Dynamic Range (@ 1 kHz)	2500 Ω load: 117.0 dB 1000 Ω load: 113.5 dB
Clipping Level (@ 1 kHz, 1% THD)	2500 Ω load: 4.0 dBV 1000 Ω load: 0.0 dBV
Common Mode Rejection	20 – 20,000 Hz ≥70.0 dB
Low-Frequency Filter Switch	-12 dB/oct below specified frequency Flat Response: 100 Hz Low Frequency Rolloff: 200 Hz
Operating Temperature Range	-18°C – 57°C
Storage Temperature Range	-29°C – 74°C
Operating Relative Humidity	0 – 95%
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Housing	Charcoal-grey metallic painted aluminum alloy handle and grille with stainless steel screen
Power Requirements	11–52 V DC phantom power (IEC-61938), <2.0 mA
Net Weight	VP89L: 174 g VP89M: 138 g VP89S: 117 g

Furnished Accessories

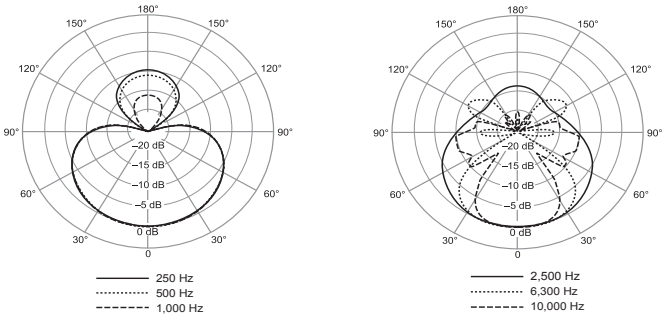
A89SC	VP89S Carrying Case	**A89MC**	VP89M Carrying Case	**A89LC**	VP89L Carrying Case
A89SW	VP89S Foam Windscreen	**A89MW**	VP89M Foam Windscreen	**A89LW**	VP89L Foam Windscreen

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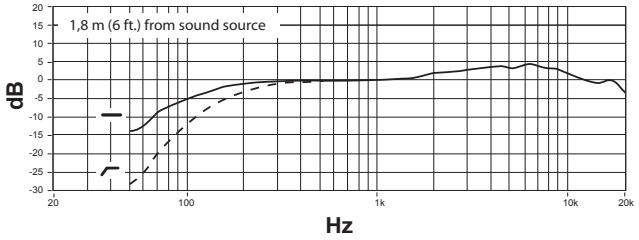
Optional Accessories and Replacement Parts

RPM89S	VP89S Short Shotgun Microphone Capsule	**RPM89M**	VP89M Medium Shotgun Microphone Capsule	**RPM89L**	VP89L Long Shotgun Microphone Capsule
RPM89/PRE	VP89 Preamp	**A89U**	A89U Adapter (for use with VP89 shotguns only)	**A89SW-KIT**	VP89S Windshield Kit
A89MW-KIT	VP89M Windshield Kit	**A89LW-KIT**	VP89L Windshield Kit	**A89SW-SFT**	VP89S Softie Windshield
A89MW-SFT	VP89M Softie Windshield	**A89LW-SFT**	VP89L Softie Windshield	**A89M-CC**	CCA Mount (not for use with VP89L)
A89M-PG	Pistol Grip Mount (not for use with VP89L)	**A89M-SH**	Shoe Mount (not for use with VP89L)	**A89LM-BA**	Double Lyre Boom Adapter Mount (for use with VP89L only)
A89SW-JMR	VP89S Windjammer	**A89MW-JMR**	VP89M Windjammer	**A89LW-JMR**	VP89L Windjammer

VP89S

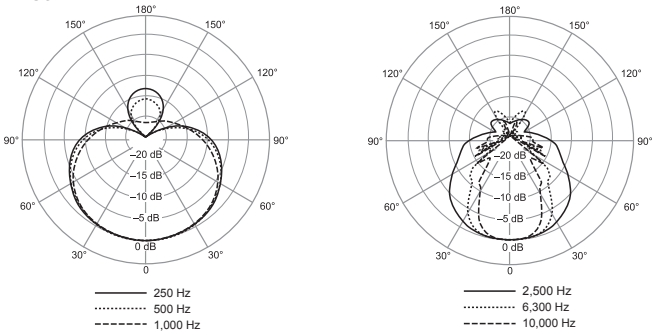


Polar Pattern

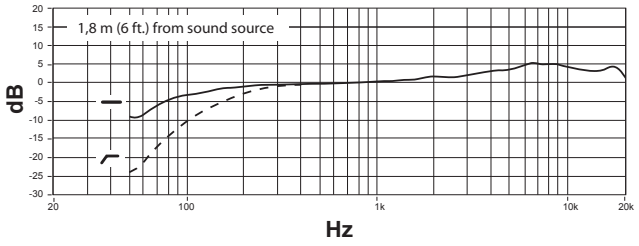


Frequency Response

VP89M

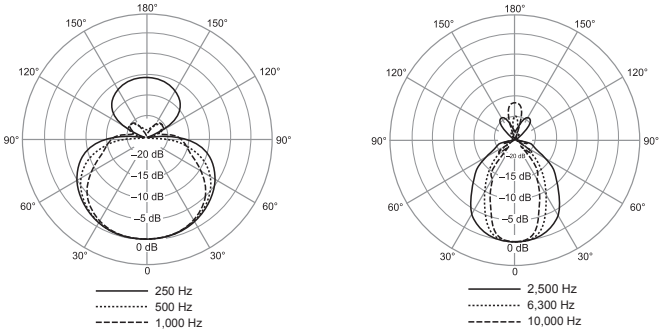


Polar Pattern

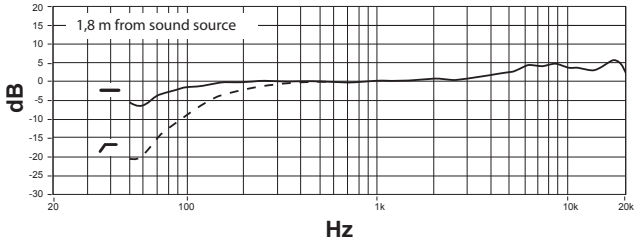


Frequency Response

VP89L



Polar Pattern



Frequency Response

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