

# Product Specifications

## VP83 Camera-Mount Shotgun Microphone

### Overview

The VP83 is an ultra-compact, rugged microphone for high-definition audio capture with DSLR cameras and HD camcorders. Developed with a highly directional supercardioid/lobar polar pattern, the VP83 provides superior off-axis rejection and delivers natural audio reproduction. An integrated, custom-designed Lyre® shock mount (exclusively developed with Rycote®) provides robust isolation from vibration and mechanical noise.

### Features

- Detailed high-definition audio with full low-end response
- Supercardioid/lobar polar pattern rejects unwanted off-axis audio
- Easily accessible controls at the back of the microphone including:
  - Three-position gain switch (-10 dB pad, 0, +20 dB boost)
  - Low-cut filter switch
- Integrated Lyre® shock mounting system
- 130 hours battery life from 1 AA alkaline battery (included)
- Integrated 3.5 mm audio connector
- Standard size shoe mount with ¼" threaded base
- Durable all-metal construction with superior RF immunity



VP83

### Available Models

<b>VP83</b>	VP83 Camera-Mount Shotgun Microphone (1 AA alkaline batteries included)
<b>VP83-AR</b>	VP83 Camera-Mount Shotgun Microphone (no batteries included, for Argentina)
<b>VP83-CHN</b>	VP83 Camera-Mount Shotgun Microphone (1 AA alkaline batteries included + China labeling)

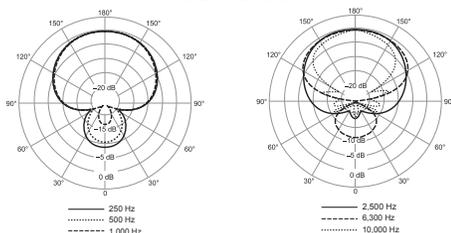
### Specifications

Type	Electret Condenser
Frequency Response	50 to 20,000 Hz
Polar Pattern	Supercardioid/lobar
Output Impedance	171 Ω
Sensitivity <i>open circuit voltage, @ 1 kHz, typical</i>	-36.5 dBV/Pa (14.9 mV)
Maximum SPL <i>1 kHz at 1% THD</i>	1000 Ω load: 129 dB SPL
Signal-to-Noise Ratio	76.6 dB
Dynamic Range <i>@ 1 kHz</i>	1000 Ω load: 111.6 dB
Clipping Level <i>@ 1 kHz, 1% THD</i>	1000 Ω load: -2.7 dBV
Self Noise <i>equivalent SPL, A-weighted, typical</i>	17.4 dB SPL-A
Operating Temperature Range	-18°C (0°F) to 57°C (135°F)
Storage Temperature Range	-29°C (-20°F) to 74°C (165°F)
Operating Relative Humidity	0 to 95%
Polarity	Positive pressure on diaphragm produces positive voltage on the tip and ring relative the sleeve
Housing	Satin-black powder coated aluminum alloy
Power Requirements	1 AA battery (Alkaline, NiMH, Rechargeable Li-Ion)
Battery Life	130 Hours (Alkaline)
Net Weight	133 g (4.7 oz.)

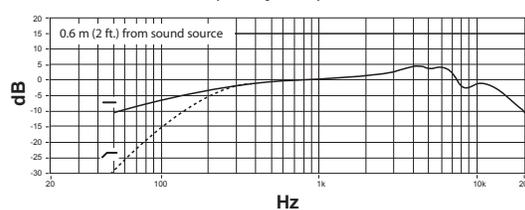
### Optional Accessories

<b>A83-FUR</b>	Fur Windjammer® for VP83 and VP83F	<b>A83W</b>	Foam Windscreen for VP83 and VP83F
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Polar Pattern



Frequency Response



**SHURE**  
LEGENDARY  
PERFORMANCE™