

Product Specifications

PGA98H Clip-On Cardioid Condenser Horn Microphone

Overview

The PGA98H is a professional quality cardioid condenser microphone optimized for wind instruments, including woodwinds and brass. Featuring a flexible, discrete gooseneck design with highly durable construction, in-line preamplifier and horn clamp, and choice of XLR or TA4F connector for use with wireless systems, the PGA98H is ideal for both live performance and recording.

Features

- Tailored microphone cartridge design for clear reproduction of wind instrument sound sources.
- Flexible gooseneck design makes accurate positioning quick and easy
- Integrated horn clamp for quick and easy mounting
- In-line preamplifier provides a direct XLR connection (11-52 VDC phantom power required)
- Cardioid polar pattern picks up audio from the source while rejecting unwanted noise
- Updated industrial design with black metallic finish and grille for unobtrusive visual presence
- Available with and without XLR Cable for flexibility in gear choice
 - With 15 ft (4.6 m) XLR-XLR cable (PGA98H-XLR; inline preamp and cable)
 - Without cable (PGA98H-LC, with XLR preamp only)
- With TA4F connector for use with wireless bodypack systems (PGA98H-TQG, no preamplifier provided)
- Zipper pouch included for additional protection during storage or transport
- Legendary Shure quality design and construction for exceptional performance in rigorous environments

Product Specifications

Type	Electret condenser
Frequency Response	60 to 20,000 Hz
Polar Pattern	Cardioid
Output Impedance	850 Ω
Sensitivity <i>at 1 kHz, open circuit voltage</i>	-52 dBV/Pa (2.51 mV) 1 Pa=94 dB SPL
Maximum SPL <i>1 kHz at 1% THD, 1 kΩ</i>	130 dB SPL
Self-Noise <i>A-weighted, typical</i>	27 dB SPL-A
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Weight	210 g (8 oz.)
Connector	PGA98H-XLR/PGA98H-LC: Three-pin professional audio (XLR), male PGA98H-TQG: 4-pin, female TA4F miniature XLR connector
Housing	Cast Zinc
Power Requirements	11–52 VDC phantom power (2 mA)

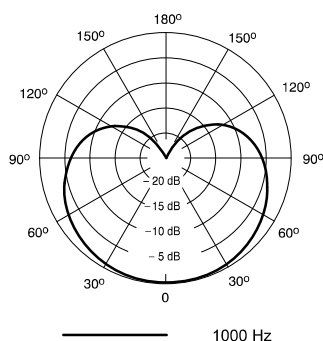
Available SKUs

PGA98H-LC	Microphone, pouch, windscreen and belt clip (XLR preamp, less cable)
PGA98H-XLR	Microphone (with XLR preamp), pouch, windscreen, belt clip and (4.6 m) XLR-to-XLR cable
PGA98H-TQG	Microphone, pouch, windscreen and belt clip (TA4F connector only)

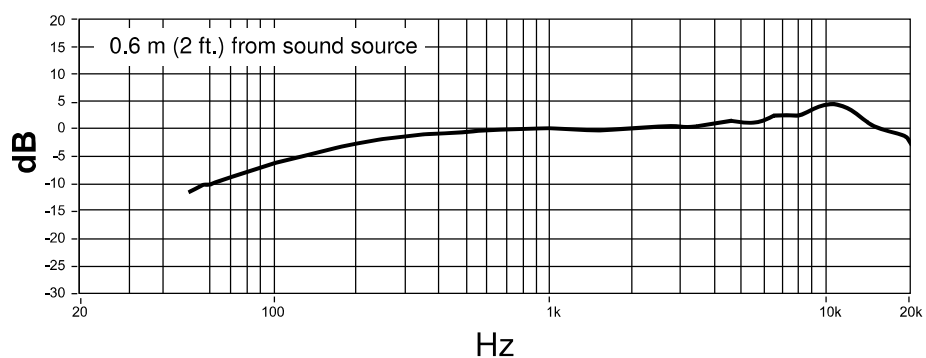
Accessories

31A1856	5/8" to 3/8" thread adapter
C25J	25 ft (7.6 m) XLR-to-XLR cable
AP98WS	Black foam windscreen

Polar Pattern



Frequency Response



PGA 98H



PGA 98H-TQG

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