

# 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 XLR cable (PGA98A-XLR) or TA4F connector for use with wireless bodypack systems (PGA98H-TQG)
- 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 $\Omega$
Sensitivity <i>at 1 kHz, open circuit voltage</i>	-52 dBV/Pa (2.51 mV) <i>1 Pa=94 dB SPL</i>
Maximum SPL <i>1 kHz at 1% THD, 1 k<math>\Omega</math></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
Connector	PGA98H-XLR: 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-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	7.6 m XLR-to-XLR cable
AP98WS	Black foam windscreen

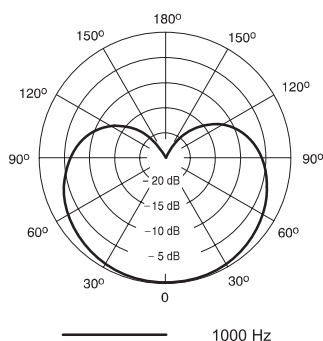


PGA98H-XLR



PGA98H-TQG

### Polar Pattern



### Frequency Response

