

# Product Specifications

## PG42USB Side Address Condenser Microphone

### Overview

Specifically engineered for lead vocal reproduction, the PG42USB side-address condenser microphone easily plugs into a computer USB port for the convenience of digital recording. The PG42USB features a large cardioid diaphragm tailored with high sensitivity to clearly reproduce refined performances with guaranteed "Plug and Play" Shure quality.

### Features

- USB Plug and Play connectivity allows the convenience of digital recording, anywhere your computer can go.
- Compatible with Windows Vista, XP, 2000, and Mac OS X (10.1 or later)
- Integrated pre-amp with Microphone Gain Control allows control of input signal strength
- Zero Latency Monitoring for real-time playback and multi-tracking without disorientation
- Headphone jack for monitoring with 1/8" connectivity
- Monitor Mix Control for blending microphone and playback audio
- 16 bit, up to 48 kHz sample rate for better-than-CD quality audio

### Available Models

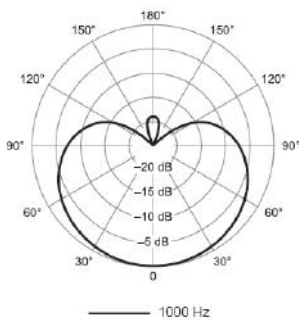
<b>PG42USB</b>	Includes a 9.8 ft (3m) USB Cable, Shock Mount and a Carrying Case
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### Specifications

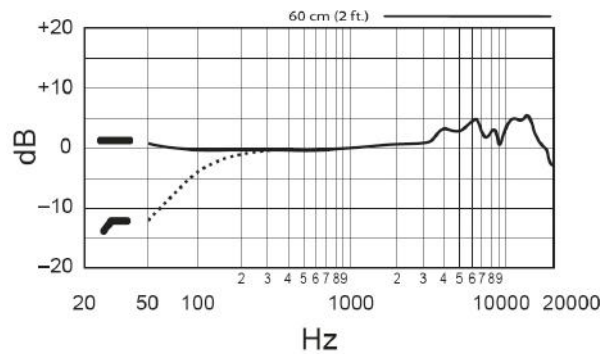
Frequency Response	20 to 20,000 Hz
Polar Pattern	Cardioid
Max SPL (20 Hz to 20 kHz, <1% THD)	PAD OFF: 130 dB SPL PAD ON: 145 dB SPL Max SPL corresponds to full-scale digital output at minimum analog gain setting
Switch	Attenuator: 15 dB
Power Requirements	USB-powered, 500 mA maximum
Digital Noise Floor (20 Hz to 20 kHz, A-weighted)	Minimum MIC GAIN setting: -81 dB Maximum MIC GAIN setting: -78 dB
Sampling Rate	up to 48 kHz
Bit Depth	16 bit
Peak Signal Indicator (Tri-color)	OFF: -30 dB FS Green: -30 to -12 dB FS Yellow: -12 to 0 dB FS Red: >0 (digital converter clipped)
Sampling Rate	up to 48 kHz
Adjustable Gain Range	34 dB
Headphone Output	3.5 mm (1/8 inch)



PG42USB



Polar Pattern  
Measured at 1000 Hz



Frequency Response

**SHURE**<sup>®</sup>  
LEGENDARY  
PERFORMANCE™