

Product Specifications

Beta 98 Miniature Supercardioid Condenser Microphone

Overview

The Shure Beta 98/S is a compact, high-output miniature condenser microphone for professional sound reinforcement and studio recording. Its extremely uniform supercardioid pickup pattern provides high gain-before-feedback and excellent rejection of unwanted noise. Its high sound pressure level capability (SPL) makes it useful for a variety of acoustic or amplified instruments including drums, piano, reed, wind, and strings. The Beta 98 D/S miniature supercardioid condenser microphone is precision engineered to excel at professional sound reinforcement or recording of toms, snares, and percussion. A tight polar pattern provides high gain-before-feedback and excellent rejection of unwanted noise. Interchangeable cartridge design (cardioid cartridge available separately) allows further customization for specific applications.

Features

- Premier live performance microphone with Shure quality, ruggedness, and reliability
- Uniform supercardioid pick-up pattern for maximum gain before feedback and superior rejection of off-axis sound
- Tailored frequency response specifically shaped for drums, guitars, percussion and horns
- Wide dynamic range for use in SPL environments
- Optional A98D mount is unobtrusive and versatile, allows precise positioning of the microphone while holding it firmly in place
- Compact design reduces stage clutter
- Interchangeable microphone cartridges with different polar patterns are available
- Enamel coated metal construction and stainless steel inner grille resist wear and abuse

Available Models

| | |
|-------------------|---|
| BETA 98/S | Miniature Supercardioid Condenser Microphone |
| BETA 98D/S | Miniature Supercardioid Condenser Drum Microphone |

Specifications

| | |
|---|---|
| Cartridge Type | Electret Condenser |
| Frequency Response | 20 to 20,000 Hz |
| Polar Pattern | Cardioid |
| Output Impedance | 150 ohms |
| Maximum SPL (1 kHz at 1% THD, 1k ohms load) | 156 dB |
| Signal-to-Noise Ratio (referenced at 94 dB SPL at 1 kHz) | 59 dB S/N ratio is difference between 94 dB SPL and equivalent SPL of self noise, A-weighted |
| Dynamic Range (at 1 kHz, 1 k ohms load) | 125 dB |
| Clipping Level (1 kHz at 0.25% THD, 1k ohms load) | 2 dBV (1.26 V) |
| Equivalent Output Noise (A-weighted) | 35 dB SPL typical |
| Hum Pickup (typical, at 60 Hz, equivalent SPL/mOe) | -7.5 dB |
| Polarity | Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3 |
| Weight | Net: 0.12 kg (0.025 lbs) |
| Power Requirements | 48Vdc ±4 Vdc phantom |



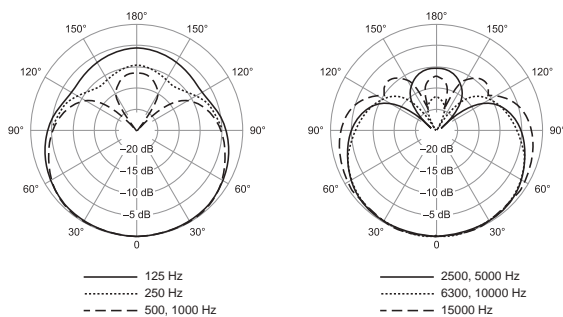
BETA 98/S

BETA 98D/S

Furnished Accessories

| | | | |
|---------------|------------------------------------|----------------|---|
| RPM626 | In-Line Preamp | 95A2314 | Carrying/Storage Bag |
| A98D | Beta 98 Drum Mount (98D/S) | C98D | 4.6 m (15 ft.) Heavy-Duty Cable (BETA 98D/S) |
| RK282 | Shock-Mount Swivel Adapter (98D/S) | 95A2398 | 7.6 m (25 ft.) light-weight cable (BETA 98/S) |

Polar Pattern



Frequency Response

