

## Beta 52A Instrument Microphone

The Shure Beta 52®A is a high output dynamic microphone with a tailored frequency response designed specifically for kick drums and other bass instruments. It provides superb attack and "punch", and delivers studio quality sound even at extremely high sound pressure levels.

The Beta 52A features a modified supercardioid pattern throughout its frequency range to insure high gain-before-feedback and excellent rejection of unwanted sound. A built-in dynamic locking stand adapter with an integral XLR connector simplifies installation, particularly if the microphone is to be placed inside a kick drum. The stand adapter keeps the microphone position fixed and resists slipping, even when subjected to sharp blows and strong vibrations. A hardened steel mesh grille protects the Beta 52A from the abuse and wear associated with touring.

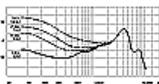
- Frequency response shaped specifically for kick drums and bass instruments
- Built-in dynamic locking stand adapter with integral XLR connector simplifies setup, especially inside a kick drum
- Studio quality performance, even at extremely high sound pressure levels
- Supercardioid pattern for high gain before feedback and superior rejection of unwanted noise
- Hardened steel mesh grille that resists wear and abuse
- Advanced pneumatic shock mount system that minimizes transmission of mechanical noise and vibration
- Neodymium magnet for high signal-to-noise ratio output
- Low sensitivity to varying load impedance
- Legendary Shure quality and reliability

### Type

Dynamic (moving coil)

### Frequency Response

20 to 10,000 Hz



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**NOTE:** The curve below shows on-axis response at a distance of 2 feet from a uniform sound source. Your response may vary, depending on microphone position.

### Polar Pattern

Supercardioid, rotationally symmetrical about microphone axis

### Output Level (at 1,000 Hz)

Open Circuit Voltage: -64 dBV/Pa\* (0.6 mV)\*1 Pa = 94 dB SPL

### Impedance

Rated impedance is 150 ohms (45 ohms actual) for connection to microphone inputs rated low Z

### Phasing

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3

### Maximum SPL

174 dB at 1000 Hz (calculated)

### Connector

Three-pin professional audio connector (male XLR type)

### Case

Silver blue enamel-painted die cast metal with hardened, matte-finished steel grille

### Adjustable, Locking Stand Adapter

Integral, dynamic locking, adjustable through 180 degrees, with standard 5/8"-27 thread

### Net Weight

605 grams (21.6 oz)



## R175 Cartridge for Beta 52

Direct replacement cartridge for the Shure Model BETA 52 supercardioid dynamic instrument microphone. The R175 offers the same high-quality performance as the original cartridge.



## RK321 Factory Original Beta52 Microphone Replacement Grille

Factory original dent resistant replacement grille for Shure Beta52 wired microphones.

[Available Online](#)