

**SHURE**<sup>®</sup>

**SM** Microphones

**SM**

Legendary Performance  
Microphones



## Live Performance Classics.

Shure SM microphones have come to define the sound of live performance. The SM57 and SM58's legendary stage presence is fired by the legacy of all the artists who have embraced them before. And reinvented by every generation that finds their voice with these classics.

## Tour-Tested Workhorses.

SM mics are equal to the demands of high-energy stage performance. They are virtually indestructible professional gear. Built to take the punishment of night-after-night touring, they are deserving of their "industry-standard" reputation.

## House Sound Standards.

Sound engineers have relied on SM products on stage and in concert halls for years. Remarkably reliable and consistent, they are standard house sound equipment for venues worldwide. The SM86 adds a new voice to the SM family – a rugged, condenser vocal mic – destined to become a new standard.

## VOCAL

Legendary SM vocal mics provide a perfect balance of high output and broad frequency response. They feature minimal handling noise in a nearly indestructible design that ensures consistent performance.



### SM48

#### Vocal Microphone

A great performance mic for spoken word applications. Many of the benefits of the SM58 at an affordable price.

Spoken Word  
Lead Vocals  
Backup Vocals



55Hz - 14kHz



### SM58<sup>®</sup>

#### Vocal Microphone

The legendary Shure vocal mic tuned to accentuate the warmth and clarity of lead and backup vocals. Consistently the first choice of performers around the globe.

Lead Vocals  
Backup Vocals  
Harmonica



50Hz - 15kHz

NEW



### SM86

#### Vocal Microphone

A rugged condenser mic that features a tailored frequency response for clear reproduction of vocals. Built-in 3-point shock mount and two-stage pop filter.

Lead Vocals  
Backup Vocals



50Hz - 18kHz



### SM87A

#### Vocal Microphone

A sensitive vocal mic that features a smooth, tailored response for a warm, accurate sound. Tight polar pattern and 3-stage pop filter.

Lead Vocals  
Backup Vocals



50Hz - 18kHz

## INSTRUMENT

Equally legendary, versatile and durable SM instrument microphones are at home onstage, miking nearly any kind of electric or acoustic instrument in live performance and recording settings.



### SM57

#### Instrument Microphone

The legendary multipurpose Shure microphone with a contoured frequency response for clean sound reproduction of amplified and acoustic instruments.

Guitar/Bass Amps  
Brass  
Saxophone  
Harmonica  
Snare/Tom  
Conga



40Hz - 15kHz



### SM94

#### Instrument Microphone

A sensitive mic with a wide, flat response, ideal for live amplified and acoustic instruments.

Cymbals  
Strings  
Woodwinds  
Choir



40Hz - 16kHz



### SM81

#### Instrument Microphone

A flat response mic with a 3-position, low-end roll-off switch and 10dB attenuator. A standard for acoustic instruments.

Acoustic Guitar  
Acoustic Bass  
Strings  
Piano  
Woodwinds  
Orchestra  
Cymbals  
Live Recording  
Stereo Pickup  
Sampling  
Ensemble Vocals



20Hz - 20kHz

## DRUM



### DMK

#### Drum Mic Kit

A complete microphone and drum mount system for recording and performing drummers.

Kick Drum  
Snare Drum  
Rack/Floor Toms

#### DMK57-52

Includes:

- (1) Beta 52 Kick drum mic
- (3) SM57 Instrument mics
- (3) A56D Drum mounts
- (1) Carrying case

### Go Wireless

These popular microphones are also available as part of several Shure wireless systems. Learn more at [www.shure.com](http://www.shure.com).

#### Key:

Polar Pattern



Cardioid



SuperCardioid

Operating Principle



Dynamic



Condenser

Frequency Response


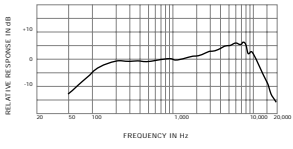
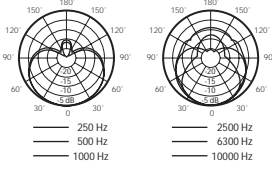

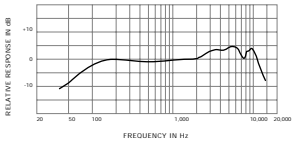
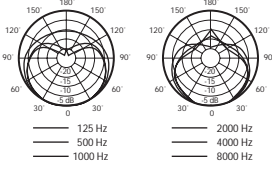

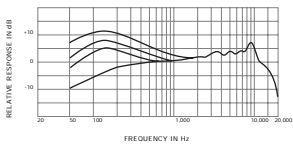
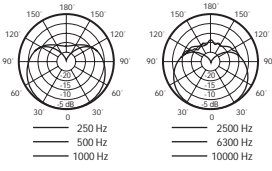

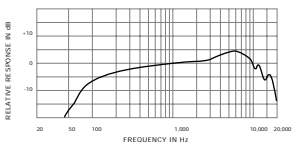
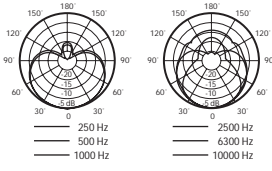

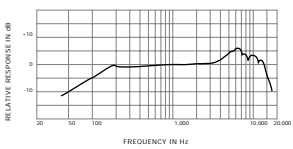
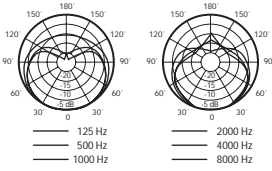

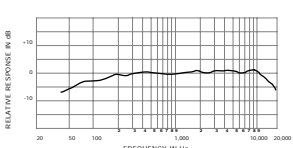
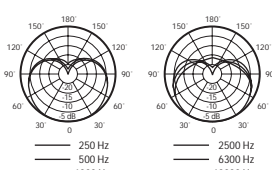

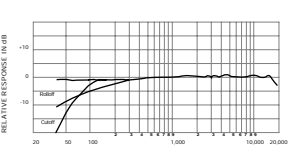
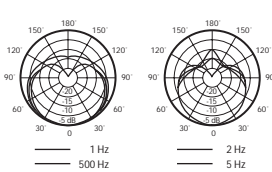


Flat



Tailored

# Technical Specifications

Model	Frequency Response Chart	Polar Pattern Charts	Specifications
 <b>SM48</b>			<b>Frequency Response</b> 55 - 14,000 Hz <b>Polar Pattern</b> Cardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 270 Ohms <b>Output Level (at 1,000 Hz)</b> -57.5 dBV/Pa. (1.3 mV) <b>Construction</b> Die cast metal handle. Dark gray matte finish. Silver colored, spherical steel mesh grille. <b>Net Weight</b> 370 g (13.1 oz)
 <b>SM58®</b>			<b>Frequency Response</b> 50 - 15,000 Hz <b>Polar Pattern</b> Cardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 300 Ohms <b>Output Level (at 1,000 Hz)</b> -54.5 dBV/Pa. (1.85 mV) <b>Construction</b> Die cast metal handle. Dark gray matte finish. Silver colored, spherical steel mesh grille. <b>Net Weight</b> 298 g (10.5 oz)
 <b>SM86</b>			<b>Frequency Response</b> 50 - 18,000 Hz <b>Polar Pattern</b> Cardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 150 Ohms <b>Output Level (at 1,000 Hz)</b> -50 dBV/Pa (3.15 mV) <b>Construction</b> Dark gray enamel-painted steel with matte-finished silver colored steel grille. <b>Net Weight</b> 278 g (9.8 oz)
 <b>SM87A</b>			<b>Frequency Response</b> 50 - 18,000 Hz <b>Polar Pattern</b> SuperCardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 100 Ohms <b>Output Level (at 1,000 Hz)</b> -52.5 dBV/Pa (2.4mV) <b>Construction</b> Aluminum construction with steel grille and satin black finish. <b>Net Weight</b> 200 g (7 oz)
 <b>SM57</b>			<b>Frequency Response</b> 40 - 15,000 Hz <b>Polar Pattern</b> Cardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 310 Ohms <b>Output Level (at 1,000 Hz)</b> -54.5 dBV/Pa. (1.9 mV) <b>Construction</b> Die cast metal handle. Dark gray matte finish. Polycarbonate grille with stainless steel screen. <b>Net Weight</b> 284 g (10 oz)
 <b>SM94</b>			<b>Frequency Response</b> 40 - 16,000 Hz <b>Polar Pattern</b> Cardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 200 Ohms <b>Output Level (at 1,000 Hz)</b> -49 dBV/Pa (3.5 mV) <b>Construction</b> Steel and brass construction with gray finish and stainless steel mesh grille. <b>Net Weight</b> 250 g (8.8 oz)
 <b>SM81</b>			<b>Frequency Response</b> 20 - 20,000 Hz <b>Polar Pattern</b> Cardioid (unidirectional) <b>Output Impedance (at 1,000 Hz)</b> 85 Ohms <b>Output Level (at 1,000 Hz)</b> -45 dBV/Pa (5.6 mV) <b>Construction</b> Steel construction with vinyl metallic paint finish and stainless steel screens. <b>Net Weight</b> 230 g (8 oz)