

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

SM Microphones

**LEGENDARY SOUND.  
UNMATCHED PERFORMANCE.**



SM Microphones

# INDUSTRY STANDARD. PROFESSIONAL UTILITY.

SM Microphones are equal to the demands of high-energy performance, proven time and time again through decades of rigorous use by performers and engineers of all experience levels.

The renowned sound and construction of the SM Microphone line has remained the metric by which all other microphone performance has been judged, setting standards for minimized handling noise and improved gain before feedback.

In live performance and recording applications, SM Microphones are legendary - virtually indestructible professional gear.



## Vocal

# SM7B

Shielded, selectable frequency response delivers warm audio reproduction in close-proximity applications.

Close-talk Speech  
Vocals  
Guitar/Bass Amps



50Hz - 20kHz

# SM48

Rugged microphone for vocal, speech and karaoke applications.

Spoken Word  
Lead Vocals  
Backup Vocals



55Hz - 14kHz

## Instrument

# SM57

Industry standard, highly versatile microphone tuned for clean reproduction of amplified and acoustic instruments.

Guitar/Bass Amps  
Brass  
Saxophone  
Harmonica  
Snare/Tom  
Conga



40Hz - 15kHz

# SM94

Rugged, battery-powered, flat-response microphone for live performance and remote recording applications.

Guitar/Bass Amps  
Brass  
Saxophone  
Harmonica  
Cymbals



40Hz - 16kHz

# SM58®

Industry standard microphone tailored to deliver warm and clear vocal reproduction.

Lead Vocals  
Backup Vocals  
Harmonica

    
50Hz - 15kHz



# SM86

Rugged microphone with extended high frequency response for smooth reproduction of lead vocals.

Lead Vocals  
Backup Vocals

    
50Hz - 18kHz



# SM81

Industry-standard, flat-response microphone renown for sonic accuracy in stage and studio performance applications.

Acoustic Guitar  
Acoustic Bass  
Strings  
Piano  
Woodwinds  
Orchestra

Cymbals  
Live Recording  
Stereo Pick-Up  
Sampling  
Ensemble Vocals

    
20Hz - 20kHz



# SM137

Versatile, flat-response microphone in both acoustic and high volume performance applications.

Acoustic Guitar  
Acoustic Bass  
Strings  
Piano  
Woodwinds  
Orchestra

     
20Hz - 20kHz





# SM87A

Rugged, lightweight microphone with superior rejection for clear reproduction of lead vocals.

Lead Vocals  
Backup Vocals



    
50Hz - 18kHz

Multi-Purpose

# SM27

Large diaphragm, side-address cardioid condenser microphone for the stage and studio.

Studio Vocals  
Ensemble Vocals  
Live Recording  
Acoustic Guitar | Bass  
Guitar | Bass Amp

Strings  
Cymbals  
Woodwinds  
Saxophone



    
20Hz - 20kHz

USB

# SM58®+X2u

Vocal Microphone +  
USB Adapter

Industry-standard SM58 with X2u XLR-to-USB Signal Adapter for digital recording applications.



# SM57+X2u

Instrument  
Microphone +  
USB Adapter

Industry-standard SM57 with X2u XLR-to-USB Signal Adapter for digital recording applications.



Drum

# DMK57-52

Drum Mic Kit

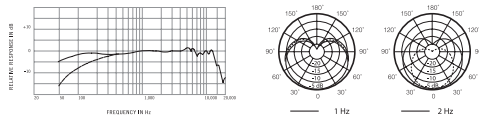
Industry-standard package of legendary microphones and rugged hardware for all stage and studio drum performances.

Kick Drum  
Snare Drum  
Rack/Floor Toms



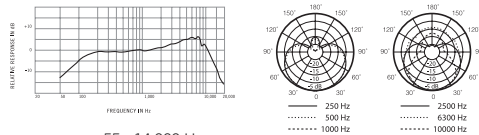
# Technical Specifications

## SM7B



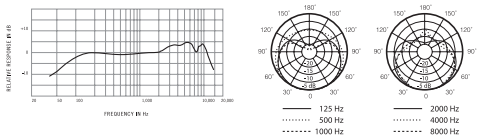
|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 50 - 20,000 Hz                                                           |
| <b>Polar Pattern</b>                  | Cardioid (unidirectional)                                                |
| <b>Output Impedance (at 1,000 Hz)</b> | 150 Ohms                                                                 |
| <b>Output Level (at 1,000 Hz)</b>     | -59 dBV/Pa. (1.12 mV)                                                    |
| <b>Construction</b>                   | Dark gray enamel aluminum and steel case with dark gray foam windscreen. |
| <b>Net Weight</b>                     | 765.4 g (1 lb, 11 oz)                                                    |

## SM48



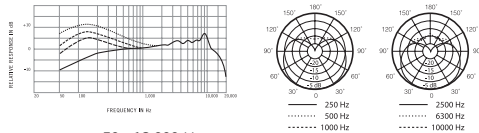
|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 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)                                                                             |

## SM58®



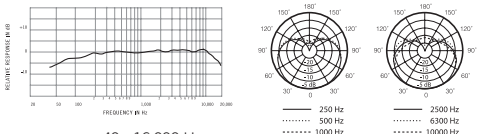
|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 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)                                                                             |

## SM86



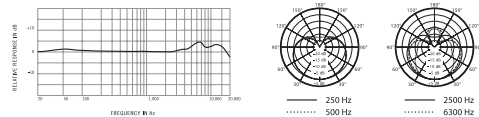
|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 50 - 18,000 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)                                                                   |

## SM94



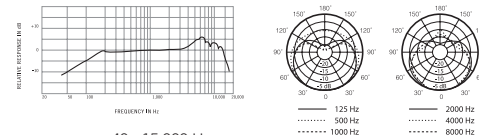
|                                       |                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 40 - 16,000 Hz                                                                 |
| <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)                                                                 |

## SM27



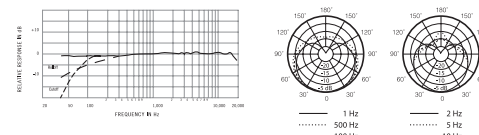
|                                       |                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 20 - 20,000 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>     | -37 dBV/Pa. (14.1 mV)                                                              |
| <b>Construction</b>                   | Die-cast metal alloy body. Dark gray matte finish. Hardened steel grille assembly. |
| <b>Net Weight</b>                     | 642 g (22.6 oz)                                                                    |

## SM57



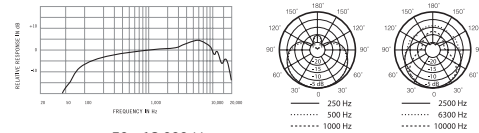
|                                       |                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Frequency Response</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)                                                                                    |

## SM81



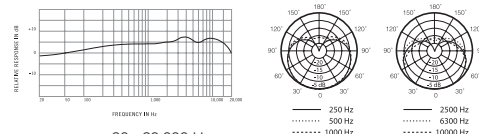
|                                       |                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Frequency Response</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>                   | Die cast metal handle. Dark gray matte finish. Polycarbonate grille with stainless steel screen. |
| <b>Net Weight</b>                     | 230 g (8 oz)                                                                                     |

## SM87A



|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| <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. (2.4 mV)                                          |
| <b>Construction</b>                   | Aluminum construction with steel grille and satin black finish. |
| <b>Net Weight</b>                     | 200 g (7 oz)                                                    |

## SM137



|                                       |                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Frequency Response</b>             | 20 - 20,000 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>     | -41 dBV/Pa. (8.9 mV)                                                                      |
| <b>Construction</b>                   | Steel and brass construction with dark gray matte finish and stainless steel mesh grille. |
| <b>Net Weight</b>                     | 195 g (6.9 oz)                                                                            |

**SHURE**  
LEGENDARY  
PERFORMANCE™

**United States, Canada,  
Latin America, Caribbean:**  
Shure Incorporated  
5800 West Touhy Avenue  
Niles, IL 60714-4608 USA

Phone: 847-600-2000  
Fax: 847-600-1212 (USA)  
Fax: 847-600-6446  
Email: info@shure.com

**Europe, Middle East, Africa:**  
Shure Europe GmbH  
Wannenäckerstr. 28,  
74078 Heilbronn, Germany

Phone: 49-7131-72140  
Fax: 49-7131-721414  
Email: info@shure.de

**Asia, Pacific:**  
Shure Asia Limited  
3/F, Citicorp Centre  
18 Whitfield Road  
Causeway Bay, Hong Kong

Phone: 852-2893-4290  
Fax: 852-2893-4055  
Email: info@shure.com.hk