LEGENDARY SOUND.
UNMATCHED PERFORMANCE.
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**

![SM7B Microphone Image]

- **Frequency Response:** 50Hz - 20kHz

---

**SM48**

Rugged microphone for vocal, speech and karaoke applications.

- **Spoken Word**
- **Lead Vocals**
- **Backup Vocals**

![SM48 Microphone Image]

- **Frequency Response:** 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**

![SM57 Microphone Image]

- **Frequency Response:** 40Hz - 15kHz

---

**SM94**

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

- **Guitar/Bass Amps**
- **Brass**
- **Saxophone**
- **Harmonica**
- **Cymbals**

![SM94 Microphone Image]

- **Frequency Response:** 40Hz - 16kHz
SM58®
Industry standard microphone tailored to deliver warm and clear vocal reproduction.

Lead Vocals
Backup Vocals
Harmonica

SM86
Rugged microphone with extended high frequency response for smooth reproduction of lead vocals.

Lead Vocals
Backup Vocals

SM81
Industry-standard, flat-response microphone renowned for sonic accuracy in stage and studio performance applications.

Acoustic Guitar
Acoustic Bass
Strings
Piano
Woodwinds
Orchestra

SM137
Versatile, flat-response microphone in both acoustic and high volume performance applications.

Acoustic Guitar
Acoustic Bass
Strings
Piano
Woodwinds
Orchestra
**SM87A**

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

- **Key:** Lead Vocals, Backup Vocals
- **Frequency Response:** 50Hz - 18kHz

---

**SM27**

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

- **Key:** Studio Vocals, Ensemble Vocals, Live Recording, Acoustic Guitar | Bass Guitar | Bass Amp
- **Frequency Response:** 20Hz - 20kHz

---

**SM58®+X2u**

Vocal Microphone + USB Adapter

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

- **Key:** Strings, Cymbals, Woodwinds, Saxophone

---

**DMK57-52**

Drum Mic Kit

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

- **Key:** Kick Drum, Snare Drum, Rack/Floor Toms

---

**SM57+X2u**

Instrument Microphone + USB Adapter

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

- **Key:** Studio Vocals, Ensemble Vocals, Live Recording, Acoustic Guitar | Bass Guitar | Bass Amp
### Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency Response</th>
<th>Polar Pattern</th>
<th>Output Impedance (at 1,000 Hz)</th>
<th>Output Level (at 1,000 Hz)</th>
<th>Construction</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SM7B</strong></td>
<td>50 - 20,000 Hz</td>
<td>Cardioid (unidirectional)</td>
<td>150 Ohms</td>
<td>-59 dBV/Pa. (1.12 mV)</td>
<td>Die cast metal handle, dark gray matte finish. Silver colored, spherical steel mesh grille.</td>
<td>370 g (13.1 oz)</td>
</tr>
<tr>
<td><strong>SM48</strong></td>
<td>55 - 14,000 Hz</td>
<td>Cardioid (unidirectional)</td>
<td>270 Ohms</td>
<td>-57.5 dBV/Pa. (1.3 mV)</td>
<td>Die cast metal handle, dark gray matte finish. Silver colored, spherical steel mesh grille.</td>
<td>765.4 g (1 lb, 11 oz)</td>
</tr>
<tr>
<td><strong>SM58</strong></td>
<td>50 - 15,000 Hz</td>
<td>Cardioid (unidirectional)</td>
<td>300 Ohms</td>
<td>-54.5 dBV/Pa. (1.85 mV)</td>
<td>Die cast metal handle, dark gray matte finish. Silver colored, spherical steel mesh grille.</td>
<td>298 g (10.5 oz)</td>
</tr>
<tr>
<td><strong>SM81</strong></td>
<td>20 - 20,000 Hz</td>
<td>Cardioid (unidirectional)</td>
<td>85 Ohms</td>
<td>-45 dBV/Pa. (5.6 mV)</td>
<td>Die cast metal handle, dark gray matte finish. Polycarbonate grille with stainless steel screen.</td>
<td>230 g (8 oz)</td>
</tr>
<tr>
<td><strong>SM87A</strong></td>
<td>20 - 20,000 Hz</td>
<td>SuperCardioid (unidirectional)</td>
<td>100 Ohms</td>
<td>-52.5 dBV/Pa. (2.4 mV)</td>
<td>Aluminum construction with steel grille and satin black finish.</td>
<td>200 g (7 oz)</td>
</tr>
<tr>
<td><strong>SM94</strong></td>
<td>40 - 16,000 Hz</td>
<td>Cardioid (unidirectional)</td>
<td>200 Ohms</td>
<td>-49 dBV/Pa. (3.5 mV)</td>
<td>Steel and brass construction with gray finish and stainless steel mesh grille.</td>
<td>250 g (8.8 oz)</td>
</tr>
</tbody>
</table>

©2010 Shure Incorporated