

# Product Specifications

## KSM8 Dualdyne™ Handheld Dynamic Vocal Microphone

### Overview

The premium KSM8 Dualdyne Cardioid Vocal Dynamic Microphone is a groundbreaking feat of engineering design as the world's first-ever dual-diaphragm dynamic handheld microphone. Meticulously crafted for revolutionary vocal reproduction and sound-reinforcement control for world-class live performance in top-tier professional venues. Featuring the single purest cardioid polar pattern that Shure has developed to date, the patented Dualdyne cartridge of the KSM8 virtually eliminates proximity effect and masters off-axis rejection while providing sound professionals the signal clarity typical of condenser microphones without processing, along with the reliability of dynamic microphone feedback control.

### Features

- Patented cartridge design featuring two ultra-thin diaphragms (one active and one passive) and groundbreaking inverted airflow system.
- Exceptional control of proximity effect vastly increases working distance without on-axis coloration.
- Accurate frequency response due to controlled proximity effect which allows for neutral mid-and-high frequency reproduction, resulting in the most natural sounding dynamic microphone available.
- Off-axis attenuation is flat and broad resulting in superior quality of rejection of unwanted sound sources for increased vocal clarity.
- Advanced Pneumatic Shock Mount design for exceptional rejection of handling noise without any loss of low frequency response.
- Dent-resistant, hardened carbon-steel grille design lined with hydrophobic woven fabric provides exceptional plosive and wind protection, while offering virtually waterproof protection.
- Available in select Shure wireless systems, compatible with all interchangeable Shure handheld wireless transmitters

### Available Models

<b>KSM8/N</b>	Includes zipper case and swivel adapter (Brushed Nickel Finish)
<b>KSM8/B</b>	Includes zipper case and swivel adapter (Black finish)
<b>RPW170</b>	KSM8 Dualdyne cardioid dynamic wireless microphone capsule (Brushed Nickel finish)
<b>RPW174</b>	KSM8 Dualdyne cardioid dynamic wireless microphone capsule (Black Finish)

### Specifications

Cartridge Type	Dual-Diaphragm Dynamic (moving coil)
Frequency Response	40 to 16,000 Hz
Polar Pattern	Cardioid
Output Impedance	300 ohms
Sensitivity <i>at 1 kHz, open circuit voltage</i>	-51.5 dBV/Pa (2.66 mV)
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Net Weight	330 g (11.64 oz.)
Connector	Three-pin professional audio (XLR), male
Housing	Die-cast Aluminum with Paint or Brushed Nickel Finish

### Furnished Accessories

<b>AK8C</b>	Zippered carrying case for KSM8
<b>A25E</b>	Black, Soft-flex Swivel Adapter for KSM8 and KSM9

### Optional Accessories and Replacement Parts

<b>A85WS</b>	Black foam windscreen for KSM8, SM58, SM86, SM87A, Beta® 87A and Beta 87C
<b>A25E</b>	Black, Soft-flex Swivel Adapter for KSM8 and KSM9
<b>RPM266</b>	Black replacement grille for KSM8 wired and wireless
<b>RPM268</b>	Brushed Nickel replacement grille for KSM8 wired and wireless.

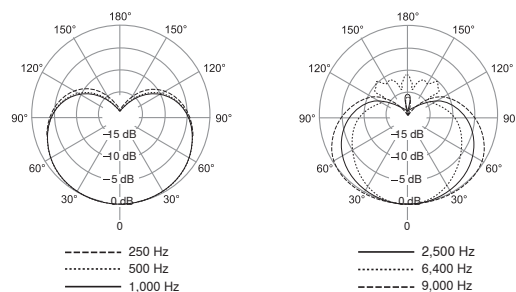


KSM8/N

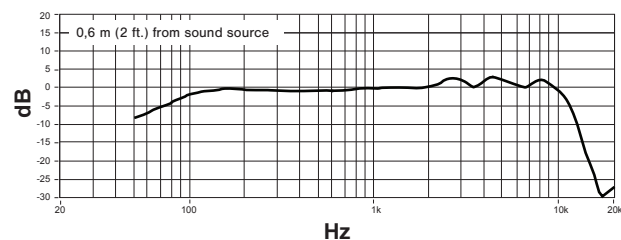


KSM8/B

#### Polar Pattern



#### Frequency Response



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