# **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**

KSM8/N	Includes zipper case and swivel adapter (Brushed Nickel Finish)
KSM8/B	Includes zipper case and swivel adapter (Black finish)
RPW170	KSM8 Dualdyne cardioid dynamic wireless microphone capsule (Brushed Nickel finish)
RPW174	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 at 1 kHz, open circuit voltage	-51.5 dBV/Pa (1.85 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

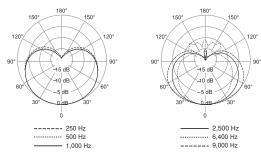
# **Furnished Accessories**

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

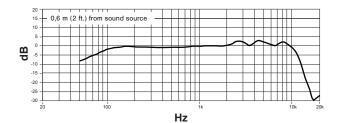
# **Optional Accessories and Replacement Parts**

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

#### Polar Pattern



#### Frequency Response





KSM8/N



KSM8/B

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