

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 <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

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.

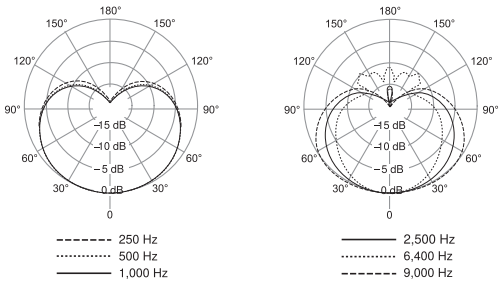


KSM8/N



KSM8/B

Polar Pattern



Frequency Response

