




e 865 Professional Condenser Vocal Microphone

The E 865 represents the first condenser microphone in the acclaimed Evolution Series. A live performance, lead vocal microphone, the E 865 easily cuts through high on-stage levels by virtue of its detailed and natural 40 Hz–20 kHz reproduction and superb transient response. Its smooth super-cardioid polar pattern rejects feedback with low, off-axis coloration. The E 865 withstands sound pressure levels of up to 150 dB, and deftly suppresses pop noise. While it picks up the finest sonic nuances, the E 865 is at the same time rugged, benefiting from high-quality workmanship and a robust all-metal housing. The microphone ships with a pouch and mic clip.

Features—Benefits

- Metal construction—rugged and reliable
- Hum compensating coil—reduces electrical interference
- Silent on/off switch (e 865-S only)
- Neodymium ferrous magnet with boron—keeps mic stable regardless of climate
- Falcon ring—consistent sound over time

Technical Data

Transducer	Electret condenser
Frequency response	40–20,000 Hz
Pick-up pattern	Super-cardioid
Maximum SPL	150 dB
Sensitivity (free field, no load)	3 mV/Pa at 1 kHz, nominal
Nominal impedance at 1 kHz	200 Ω
Min. terminating impedance	1 k Ω
Power supply	12V–48V phantom powering
Weight (without cable)	approx. 11 oz.
Dimensions in inches	1.9 x 7.72

Supplied Accessories

- 1 protective pouch
- 1 MZQ 800 microphone clip

Optional Accessories

21' XLR microphone cable	MC21N
Grey foam windscreen	MZW 4032
Floor stand with boom arm	SEMS 3000

Architect's Specifications

The microphone shall be an electret condenser microphone operating in the frequency range of 40–20,000 Hz. It shall have a super-cardioid pick up pattern with 3 mV/Pa at 1 kHz, nominal sensitivity. The maximum SPL shall be 150 db, and the nominal impedance at 1 kHz shall be 200 Ω. The unit shall be powered by a 12–48V phantom power unit. The unit shall be 1.9 x 7.72 inches and weight approx. 11 oz. The unit shall be a Sennheiser e865 microphone.

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