




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

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|---------------------------|-----------|
| 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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