

C 535 EB



Condenser Vocalist Microphone

This condenser microphone is designed for professional use in recording studios and on stage. The C 535 EB is a pressure gradient receiver with cardioid polar response.

A built-in switch provides for pre-attenuation and filter (bass cut and bass roll-off).

The microphone head is made of satin charcoal shock-absorbing stainless steel wire mesh with built-in popfilter, with the transducer elastically suspended to minimize handling noise.

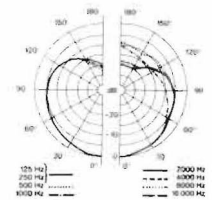
Light reflection is reduced by a satin charcoal chromium-plated housing. For quick service the entire head can be detached and replaced if necessary.

Technical Data:

- Transducer Type: condenser (self-polarized), cardioid (pressure gradient receiver).
- Frequency response: 20 to 20,000 Hz \pm 3 dB from standard curve.
- Sensitivity: 9 mV/Pa \approx 0.9 mV/ μ b \approx 61 dBV (with pre-attenuation: 1.8 mV/Pa \approx 0.18 mV/ μ b \approx -75 dBV).
- Pre-attenuation: -14 dB.
- Bass roll-off: from 500 Hz downward 6 dB/octave.
- Bass cut-off: below 100 Hz (12 dB/octave).
- Total Harmonic distortion with 500 ohms load and 1 kHz: \leq 0.5% (50 Pa \approx 128 dB SPL), \leq 1% (80 Pa \approx 132 dB SPL).
- Equiv. Noise Level: 21 dB SPL

(measured with filter CCITT-C acc. to DIN 45405).

- Powering: Univ. Phantom Powering (9 to 52 volts acc. to DIN 45596).
- Dimension: 45/25 ϕ x 183 mm (1.8/1.0 ϕ x 7.2 in).
- Current consumption: \leq 1 mA.
- Weight: 300 g (10 oz) net, 780 g (1.5 lb) shipping.
- Included Accessories: SA 31 stand adapter.



- 1 Full sensitivity, full frequency response
- 2 Full sensitivity, cut-off below 100 Hz, with about 12 dB/octave
- 3 -14 dB sensitivity, full frequency response
- 4 -14 dB sensitivity, roll-off with about 6 dB/octave below 500 Hz

