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 pop filter, 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 ± 3 dB from standard curve.
- Sensitivity: 9 mV/Pa (0.9 mV/µb) ± 61 dBV with pre-attenuation: 1.8 mV/Pa (0.18 mV/µb) ± 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:
  ≤ 0.5% (50 Pa ≈ 128 dB SPL), ≤ 1% (80 Pa ≈ 132 dB SPL).
- Equiv. Noise Level: 21 dB SPL.

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

Switch in Microphone Shaft