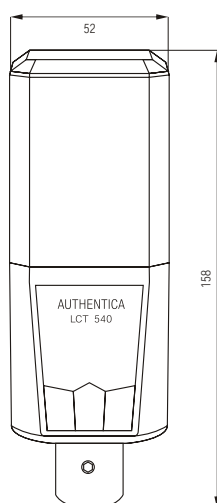


LCT 540



The Authentica LCT 540 exhibits a combination of qualities that will undoubtedly make it a studio favorite among audio engineers and professional musicians. Designed to complement modern recording techniques and meet the expectations of ever-demanding sound professionals, this versatile large-diaphragm condenser microphone offers outstanding performance in miking lead vocals, drums and percussion instruments, brass and woodwinds, classical music ensembles.

The LCT 540's cardioid 1-inch capsule, enclosed by an extra-large hexagonal grille, captures elaborate and exceptionally nuanced sonic details by rendering off-axis sounds while optimizing isolation of the main sound source. The LCT 540's pad features two levels of attenuation and two switchable low-cut frequencies, two-color LEDs as well as pushbuttons for noiseless handling. A dynamic range of 135 dB and an extremely low self-noise of 8 dB-A round off the features of this exceptional microphone.

Features

- Cardioid 1-inch capsule for beautifully detailed sound reproduction
- Wide dynamic range of 135 dB and extremely low self-noise of 8 dB
- Key-lock, clipping history and automatic attenuation
- Noiseless pushbuttons for attenuation and HPF selection
- Immune to electromagnetic interference thanks to transformerless output stage
- Extra-large hexagonal steel-mesh grille with ruthenium-galvanized finish (black)
- Illuminated user interface for quick and easy handling
- Gold-plated 3-pin XLR output connector
- Comes in an elegant black aluminium case with foam layers; includes LCT 40 SHx shock mount, LCT 40 Wx windshield and DTP 40 Lb leather bag

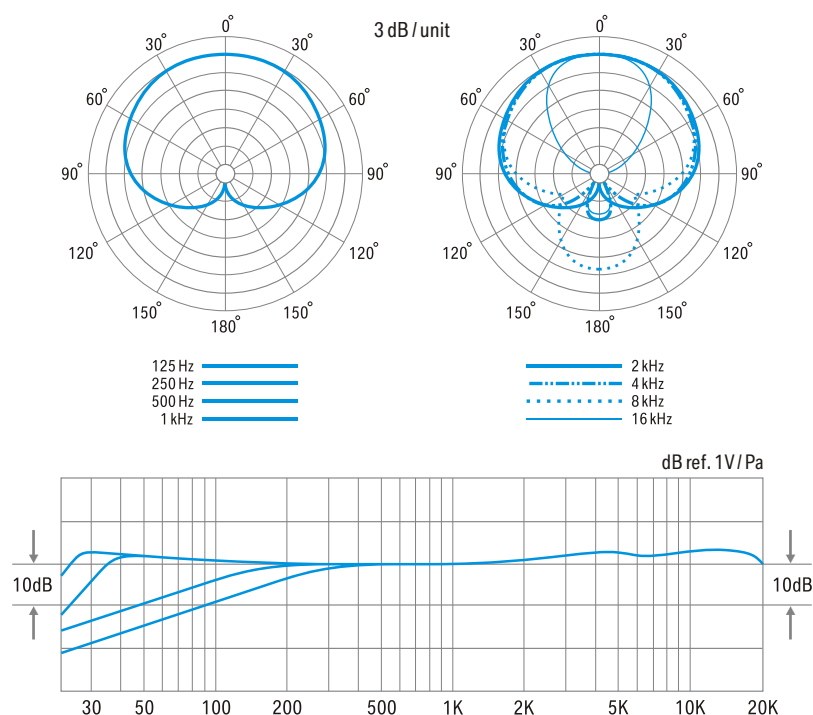
Top applications

- Live sound
- Studio applications
- Vocals
- Percussions, drums
- Acoustic instruments
- Guitar and bass amps

Accessories



Tech graph



Tech data

- Acoustical operating principle: pressure gradient transducer, externally polarized
- TransducerØ: 25.4 mm
- Directional pattern: 1 inch
- Frequency range: cardioid
- Sensitivity: 20 ... 20,000 Hz
- Signal/noise ratio: 16 mV / Pa (-36 dBV)
- Equivalent noise level: 86 dB-A
- Dynamic range of mic. amp.: 8 dB-A (IEC 61672-1)
- Max. SPL for 0.5% THD: 135 dB-A
- Preattenuation pad: 143 dB, 0 dB preattenuation
- Bass cut filter slope: 153 dB, 10 dB preattenuation
- Rated impedance: 163 dB, 20 dB preattenuation
- Rated load impedance: 10 dB, 20 dB switchable
- Supply voltage: 12 dB / octave at 40 Hz
- Current consumption: 6 dB / octave at 300 Hz
- Connector: < 150 ohms
- Dimension: > 1,000 ohms
- Net weight: 48 V +/- 4 V (IEC 61938)
- Net weight: 5.1 mA (IEC 61938)
- Net weight: gold plated 3-pin XLR
- Net weight: 158 x 52 x 36 mm
- Net weight: 6.22 x 2.04 x 1.42 inch
- Net weight: 425 g
- Net weight: 14.9 oz.