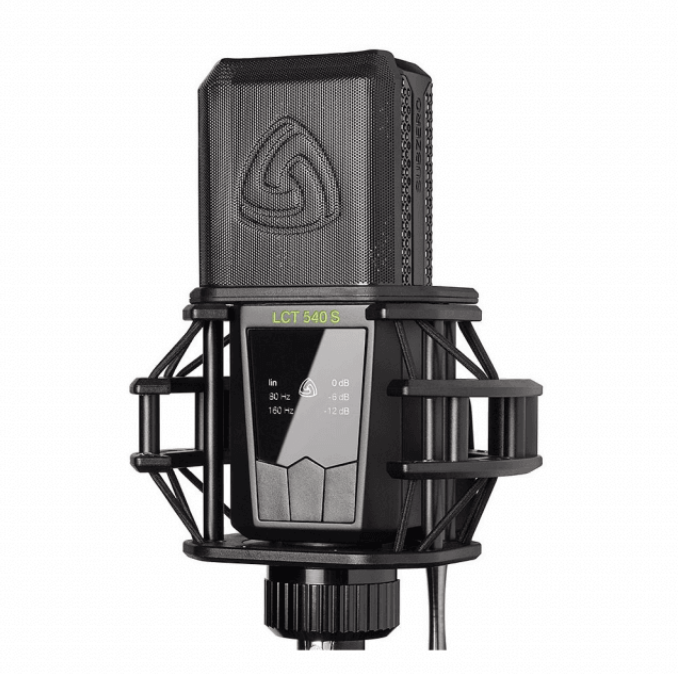
LCT-540S

CUTTING-EDGE MICROPHONE FOR ULTRA-DETAILED SOUND IMAGES

The engineering of this particular piece of cutting-edge audio technology asked for a forward-thinking approach towards capsule and circuit design. As a result, a way of experiencing sound at infinite depth and absolute precision came to life; its name, the LCT 540 S. Get involved with tone and sound in ways unheard and bring your recordings to perfection by capturing all the fine-grained characteristics that constitute each moment of your performance. Rediscover your instrument and voice on a whole new level of musical detail.



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PRODUCT DETAILS

KEY FEATURES

- 1" true condenser studio microphone with cardioid polar pattern
- Developed in close cooperation with world-renowned producers and audio engineers
- First and foremost designed to be an outstanding vocal microphone.
- Naturally, thanks to its specifications, it is suitable for almost any application.
- Subzero self-noise circuit design
- Dynamic range of 132 dB, Max SPL of 136 dB
- Ultra-resolution sonic images
- Excellent transient response
- Integrated Clipping Indicator
- Automatic Attenuation
- Clipping History
- Low-cut filters
- Pre-attenuations
- Box Content: Protective case, LCT 40 SHx, LCT 50 PSx, LCT 40 Wx, DTP 40 Lb

SPECIFICATIONS

Acoustical operating principle	Pressure gradient transducer, externally polarized
Diaphragm	3 micron gold sputtered Mylar
Transducer Ø	25.4 mm, 1 in

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Polar pattern	Cardioid
Sensitivity	41 mV/Pa, -28 dBV/Pa
Equivalent noise level	4 dB (A)
Max. SPL for 0.5 % THD	136
Signal / noise ratio	90dB (A)
Dynamic range	132dB (A)
Pre-attenuation pad	0dB, -6dB, -12dB
Low-cut filter	linear, 8Hz (6dB/oct), 60Hz (6dB/oct)
Internal impedance	68 ohm
Supply voltage	48V+/-4V
Current consumption	3.6 mA
Mic enclosure	Zinc die cast
Connector	Gold plated 3-pin XLR
Dimensions	158x52x36 mm
Microphone net weight	371 g, 13.1 oz
Microphones measured according to	IEC 60268-4
Phantom power according to	IEC 61938
Noise measurement according to	IEC 60268-1
Techgraph	Low-cut
Linear	80 Hz - 160 Hz
Polar graph frequency	125 Hz-250 Hz-500 Hz-1.000- Hz-2.000 Hz-4.000 Hz-8.000 Hz-16.000 Hz

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