

MTP 740 CM

LIVE AND STUDIO CONDENSER MICROPHONE

The MTP 740 CM uses the same large-diaphragm condenser capsule as the LEWITT performance flagship MTP 940 CM. It's the same 1-inch capsule as in our studio microphones - that leads to a natural, authentic sound with first-class transient response due to the ultra-thin, gold-layered, low-mass, 1-inch diaphragm. The MTP 740 CMs top-applications are vocal performances on stage and in the studio. As a straight forward vocal performance microphone it features a cardioid polar pattern which ensures effective rear sound rejection both onstage and in the studio. Thanks to advanced suspension technology – capsule and electronics are fully rubber-cushioned – the MTP 740 CM is shock-resistant and offers a highly effective structure-borne noise elimination. With its two step pre-attenuation and the switchable low-cut setting the MTP 740 CM can be adjusted to various vocal requirements and recording situations. In short: the MTP 740 CM has everything on board for the most demanding live and studio vocal performances and recordings. Pure large-diaphragm studio condenser sound and features on stage and stage feeling for authentic vocal studio recordings!

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PRODUCT DETAILS

KEY FEATURES

Uncompromising large-diaphragm studio condenser sound for stage performances routines

3 micron thin gold layered Mylar diaphragm

Cardioid polar pattern for clean live sound and effective rear rejection

Integrated acoustic pop and windshield for excellent protection without compromising high-frequency clarity

Highly shock-resistant and effective structure-borne noise elimination thanks to advanced suspension technology

Rock-solid, full-metal die-cast body for rough daily touring

Hardened spring steel mesh grille to prevent wear and abuse

Superior dynamic range of 140 dB (A)

Exceptionally low self-noise of 15 dB (A)

SPL max of 165 dB (A) for 0,5 % THD

2-step attenuation, 2-position low-cut

Illuminated setting indication for quick and easy handling in dark environments

Top applications: Authentic and dynamic live vocal performances, Handheld vocal studio recordings , Acoustic instruments (live & studio), Jazzy snare drum and percussion instruments

SPECIFICATIONS

Acoustical operating principle	Pressure gradient transducer, externally polarized
Diaphragm	3 micron gold sputtered Mylar
Transducer Ø	25.4 mm / 1 inch
Polar pattern	cardioid
Frequency range	20 to 20,000 Hz

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Sensitivity	9 mV / Pa (-41 dBV)
Signal / noise ratio	79 dB (A)
Equivalent noise level	14 dB (A) according to IEC 60268-1
Dynamic range of FET mic. Amp.	138 dB (A)
Max SPL for 0,5 % THD	153 dB, 0 dB pre-attenuation / 163 dB, 10 dB pre-attenuation
Pre-attenuation pad	10 dB, switchable
Low-cut	6 dB / octave at 80 Hz
Rated impedance	< 150 ohms
Rated load impedance	> 1.000 ohms
Supply voltage	48 V +/- 4 V
Current consumption	5.5 mA
Enclosure	Zinc die cast
Connector	Gold plated 3-pin XLR
Dimensions	51 dia. x 183 mm (2 dia. x 7.2 inch)
Net weight	332 g (11.71 oz)