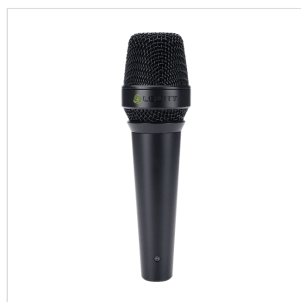# FRENEXPORT

MTP840DM
DYNAMIC PERFORMANCE MICROPHONE

With the dynamic performance microphone MTP 840 DM, LEWITT puts true studio performance onstage. Universally usable thanks to switchable sensitivity and a multi-step high-pass filter, infinitely durable and optimally equipped for punishing touring conditions without compromising on sound - this is what the MTP 840 DM stands for. Excellent transient response, refined electronics and superior capsule design make the MTP 840 DM a unique tool for onstage use. Innovative circuitry design and the highest-quality components make for exceptionally low self-noise and a maximum of dynamic range when in active mode; the frequency curve, which is specially tailored for vocal recordings, provides the ultimate in sound quality. Numerous useful features make the MTP 840 DM incomparably versatile onstage and in the studio. A three-step high-pass filter directly influences the proximity effect, allowing adaptation of the mic to an individual artist's requirements. The built-in three-position switchable amplifier, is specially adapted to the MTP 840's components, allowing lossless recording of even far-off sources. The LEDs on the MTP 840 DM, which can be turned off, make checking the mic's numerous settings a direct and easy matter even in the dark. The new dynamic flagship MTP 840 DM transports the artist's voice in a natural and powerful way, lending his or her voice the necessary presence without falsifying its individual character. Consistent directionality across the entire frequency spectrum makes for maximum protection against feedback, with the flexibly suspended capsule reducing structure-borne noise to a minimum.

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PRODUCT DETAILS

KEY FEATURES

Proprietary dynamic capsule tuned specifically for demanding vocal applications, with brightened range and extended low end

Uniform supercardioid pickup pattern for maximum isolation of the main sound source

Optional active mode provides superior dynamic range of 121 dB-A and extremely low self-noise of 19 dB-A for ear-catching realism and distortion-free sonic depth

Optional 3-position switchable amplification (0 dB, 6 dB, and 12 dB) for unrivalled signal quality in demanding environments

3-position switchable high-pass filter for direct adjustment of proximity effect according to application and artist

Illuminated indication of microphone settings for quick and easy handling even in dark environments

Recessed slide switches prevent unintended change of settings

Effective integrated acoustic pop and windshield offers excellent protection without compromising high-frequency clarity

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

Hardened steel mesh grille to prevent wear and abuse

Minimally affected by varying load impedance

Corrosion-resistant gold-plated 3-pin XLR output connector

Comes in a cardboard box including MTP 40 MCs shock mount and DTP 40 Lb artificial leather bag

Top applications: Lead and background vocals, demanding live and studio applications

SPECIFICATIONS

Acoustical operating principle	Dynamic, moving coil
Directional pattern	Super-cardioid
Frequency range	40 to 18.000 Hz

FRENEXPORT

DYNAMIC PERFORMANCE MICROPHONE

Sensitivity	3,5 mV / Pa (-49 dBV), passive mode -- 7 mV / Pa (-43 dBV), active mode -- 14 mV / Pa (-37 dBV), active mode
Signal / noise ratio	75 dB-A
Equivalent noise level	19 dB-A, Super-cardioid (IEC 61672-1)
Dynamic range, passive mode	135 dB-A
Dynamic range, active mode	121 dB-A,0 dB gain -- 115 dB-A,6 dB gain -- 109 dB-A,12 dB gain
Max. SPL for 0,5 % THD, active mode	140 dB, 0 dB gain -- 134 dB, 6 dB gain -- 128 dB, 12 dB gain
Gain settings, active mode	0 dB, 6 dB, 12 dB, switchable
Bass cut filter slope	12 dB / octave at 150 Hz , 12 dB / octave at 250 Hz
Rated impedance	< 600 ohms
Rated load impedance	> 1.000 ohms
Supply voltage	48 V +/- 4 V (IEC 61938)
Current consumption	5,5 mA (IEC 61938)
Connector	Gold plated 3-pin XLR
Dimensions	51 dia. x 183 mm 2 dia. x 7,2 inch
Net weight	336 g (11.85 oz)