

# STUDIO TECHNOLOGY ON STAGE

HANDHELD PERFORMANCE MICROPHONE  
WITH 1-INCH STUDIO CONDENSER CAPSULE



// **MTP 740 CM**  
USER MANUAL

SOUNDS LIKE  **LEWITT**

# // Index

Intro .....	4
Features and top applications .....	5
User Interface .....	6
Technical Data .....	7
Safety Guidelines .....	8
Warranty .....	9
Regulatory Information .....	10





0dB/-10dB

## // Intro

Thank you for choosing the LEWITT MTP 740 CM!

The austrian-developed MTP 740 CM handheld microphone is an excellent choice in LEWITT's product range, when you are looking for high-definition condenser studio technology for live vocals. It features the same 1-inch studio capsule design like the handheld performance flagship MTP 940 CM, but with a streamlined set of features in order to create the most competitive product package in the performance microphone segment.

Whereas classic dynamic handheld vocal microphones like Lewitt's MTP 840 DM are your best bet in noisy and rough rock & roll stage environments, the MTP 740 CM is perfectly qualified to transfer even the most nuanced and delicate vocal arrangements from the studio to a live stage.

Great vocals don't go well with any distractions. The MTP 740 CM's cardioid polar pattern provides effective rear noise rejection and impressive feedback resistance when in use with floor monitors while unique suspension technology ensures shock resistance and eliminates structure-born noise efficiently.

A superior dynamic range of 138 dB (A) with exceptionally low self-noise of 14 dB (A) sets new standards in current handheld microphone design and makes this condenser transducer capable of capturing even the most dynamic performances but although the MTP 740 CM was primarily developed for live vocal performances, there are quite a few other fields of application: try it also on jazzy snare drums and all sorts of percussion and acoustic instruments!



## // Features

- // Uncompromising true studio condenser sound for stage performance
- // Cardioid polar pattern for clean live sound and effective rear rejection
- // Huge dynamic range of 140 dB (A) and exceptionally low self-noise of 14 dB (A) thanks to innovative direct coupling technology (patent pending)
- // Shock-resistant and effective structure-born noise elimination thanks to advanced suspension technology
- // Flat frequency response for natural sound
- // Effective integrated acoustic pop and windshield for excellent protection without compromising high-frequency clarity
- // Illuminated setting indication for quick and easy handling in dark environments
- // Recessed slide switches prevent unintended changes to settings
- // Rock-solid, full-metal die-cast body for rough daily touring routines

- // Hardened spring steel mesh grille to prevent wear and abuse
- // Corrosion-resistant, gold-plated 3-pin XLR connector

## // Top applications

- // Authentic and dynamic live vocal performances
- // Handheld vocal studio recordings
- // Acoustic instruments (live & studio)
- // Jazzy snare drum and percussion instruments

## // User Interface



**1 Status Indicator** // Indicates different active settings such as low-cut filter and pre-attenuation. You can turn off the LED's with the LED switch **2**.

**3 Low-cut filter** // Use this filter to get rid of unwanted low frequency content caused by wind, footsteps, structure-borne noise, etc. The low-cut filter at 80Hz affects the microphone input by 12dB per octave and can be accessed by unscrewing the upper part of the grill.

**4 Pre-attenuation** // Use this -10 dB pad function to prevent clipping when recording very loud sources.





## // Tech Data

**Acoustical operating principle //**  
pressure gradient transducer, externally polarized

**Transducer Ø //**  
25.4 mm / 1 inch

**Polar pattern //**  
Cardioid

**Frequency range //**  
20 ... 20,000 Hz

**Sensitivity //**  
10 mV / Pa (-40 dBV)

**Signal / noise ratio //**  
79 dB (A)

**Equivalent noise level //**  
15 dB (A)

**Dynamic range of FET Mic. Amp. //**  
140 dB (A)

**Max. SPL for 0,5 % THD //**  
155 dB, 0 dB pre-attenuation  
165 dB, 10 dB pre-attenuation

**Pre-attenuation pad //**  
10 dB, switchable

**Low-cut //**  
12 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

**Connector //**  
gold plated 3-pin XLR

**Dimensions //**  
51 x 183 mm / 2 x 7.2 inch

**Net weight //**  
332 g / 11.71 oz.

## // Safety Guidelines

// The capsule is a sensitive, high precision component. Make sure you do not drop it from high heights and avoid strong mechanical stress and force.

// To ensure high sensitivity and best sound reproduction of the microphone, avoid exposing it to moisture, dust or extreme temperatures.

// Keep this product out of the reach of children.

// Do not use force on the switch or cable of the microphone.

// When disconnecting the microphone cable, grasp the connector and do not pull the cable.

// Do not attempt to modify or fix it. Contact qualified service personnel in case any service is needed. Please do not disassemble or modify the microphone for any reasons as this will void users warranty.

// The casing of the microphone can be cleaned easily using a wet cloth, never use alcohol or another solvent for cleaning. If necessary the foam wind stopper can be washed with soap water. Please wait till it is dry before using it again.

// Please also refer to the owner's manual of the component to be connected to the microphone.





## // Warranty

All products manufactured by LEWITT GmbH feature a limited two-year warranty. This two-year warranty is specific to the date of purchase as shown on your purchase receipt.

LEWITT GmbH shall satisfy the warranty obligations by remedying any material or manufacturing faults free of charge at LEWITT's discretion either by repair or by exchanging individual parts or the entire appliance. Any defective parts removed from a product during the course of a warranty claim shall become the property of LEWITT GmbH.

While under warranty period, defective products may be returned to the authorized LEWITT dealer together with original proof of purchase. To avoid any damages in transit, please use the original packaging if available. Please do not send your product to LEWITT GmbH directly as it will not be serviced. Freight charges have to be covered by the owner of the product.

For further information please visit [www.lewitt-audio.com](http://www.lewitt-audio.com) or check your warranty card.

## // Regulatory Information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Declaration of conformity can be requested at [info@lewitt-audio.com](mailto:info@lewitt-audio.com).

### Manufacturer Details

LEWITT GmbH  
Burggasse 79  
1070 Vienna, Austria



DI Roman Perschon  
CEO LEWITT GmbH

