

OMNITRONIC LMC-2022FX USB Mixing Console

PRO audio mixer with British-style EQ, compressor, effect unit and USB interface

Art. No.: 10040283

GTIN: 4026397565539



Description:

Professional live mixing consoles with British EQ, FX unit and USB interface
Effortlessly achieve the right sound with the LMC series by OMNITRONIC! The incredibly user-friendly mixing consoles provide a warm, natural sound with outstanding audio parameters, an extensive set of features and maximum reliability - ideal for professional studio recordings, live performances, and fixed PA installations. Especially the 2022FX has several useful features that are unparalleled in this price range: feedback detection system, voice canceller, and 3D stereo surround effect.

All mono channels feature extremely low-noise, top-notch microphone preamps that offer an extraordinary 130 dB of dynamic range, and a bandwidth ranging from below 10 Hz to over 200 kHz for crystal-clear signal reproduction. The incredibly warm and natural equalizers used for all channel strips are based on classic "British EQ" circuitry from mixing consoles of the '60s and '70s.

Additionally, your LMC series mixing console has a studio-grade compressor with easy one-knob functionality on each mono channel plus a 24-bit FX processor with 16 editable effects which can be added to individual channels, busses or the main mix. Utilizing the built-in USB audio interface with up to 48 kHz sample rate, you can link your Windows or Mac computer and record your sessions instantly.

Features:

- 6 mono input channels with gain control, 3-way EQ with semi-parametric mid band, low cut and pan control
- 6 inserts for flexible connection of outboard equipment on each mono channel
- 4 stereo input channels with 4-way EQ, level selection and balance control
- State-of-the-art, low-noise mic preamps with 130 dB dynamic range and high headroom

Logistic

EAN / GTIN: 4026397565539

Weight: 7,25 kg

Length: 0.47 m

Width: 0.48 m

Height: 0.20 m

- Exceptional British EQs for warm and musical sound
- Studio-grade compressors with easy one-knob functionality and control LED on each mono channel
- 24-bit DSP FX unit with 16 editable presets, tap function and storable user parameter settings
- Built-in USB audio interface allows recordings and playback of digital audio files with a computer (PC and Mac)
- Intelligent feedback detection system makes eliminating feedback frequencies easy
- Voice canceller filters out vocal portions for karaoke applications
- Incredible 3D stereo surround effect for an enhanced listening experience
- 9-band stereo graphic EQ with illuminated faders allows tuning monitor or main mixes
- 3 AUX sends per channel: AUX 1 pre-fader for monitoring, AUX 2 pre/post-fader switchable for monitoring/FX applications, AUX 3 post fader for internal FX
- 2 subgroups with separate outputs for added routing flexibility
- 2 stereo AUX returns with flexible routing
- Clip LEDs on all channels
- Routing switches for mute, main mix, subgroup and solo/PFL on all channels
- Balanced main mix outputs with 6.3 mm jack and gold-plated XLR connectors
- Control room/phones outputs with multi-input source matrix
- CD/tape input assignable to main mix or control room/phones outputs, CD/tape output
- Precise 12-digit LED level meter
- BNC lamp socket
- FX mute with remote control via footswitch
- +48 V phantom power, can be switched centrally
- Digital signal processor 24 bit with 16 effects
- Monochrome 2 digit 7-segment LED display
- The device can be connected via USB to the PC
- (19") 48.3 cm rack installation possible
- For application areas such as: Clubs/dancing school; stage; theater; concerts/FoH's; rental

Technical specifications:

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	50 W
Protection class:	Protection class I
Power connection:	Mains input via IEC connector (M) mounting version power supply cord with safety plug (provided)
Frequency range:	20 - 20000 Hz
S/N ratio:	>110 dB
THD:	<0.05 % at 1 kHz
DSP:	Digital signal processor 24 bit with 16 effects
Phantom power:	48 V DC
Impedance:	Input: microphone 2.6 kOhm , bal. Input: line 10 kOhm , bal. Input: 2-Track 10 kOhm Input: AUX returns 10 kOhm , bal. Insert: 10 kOhm , unbal.
Gain:	Input: variable
Crosstalk:	>89 dB
Display type:	Monochrome 2 digit 7-segment LED display
Control elements:	Encoder, power switch, phantom power switch
Status LED:	Master level meter, clip, gain reduction, Mute, phantom power; power
Connections:	Lamp via 1 x BNC (F) Input: microphone via 6 x 3-pin XLR

Input: line via 14 x 6.3 mm jack socket (mono) mounting version

Input: 2-Track via 1 x stereo RCA

Output: headphones via 1 x 6.3 mm jack socket (stereo) mounting version

Output: rec. via 1 x stereo RCA

Output: master via 2 x 3-pin XLR

Output: master via 2 x 6.3 mm jack socket (mono) mounting version

Output: sub groups via 2 x 6.3 mm jack socket (mono) mounting version

Output: AUX sends via 3 x 6.3 mm jack socket (mono) mounting version

Output: foot control via 1 x 6.3 mm jack socket (stereo) mounting version

Output: control room via 2 x 6.3 mm jack socket (mono) mounting version

Output: AUX returns via 4 x 6.3-mm-jack (bal.)

Insert: channel via 6 x 6.3 mm jack socket (stereo) mounting version

Channels:	Input channel: 6 x mono via XLR or jack, channel control via 60mm fader, 3-band EQ-Poti with semiparametric mid-band EQ $\pm 15\text{dB}$ at 80Hz/100-8kHz/12kHz, 3 Send/AUX, pre-post switch, adjustable single-knob compressor, mute control, routing sub group bus switch, routing master bus switch, low cut switch, panoramacontrol, gain control, solo switch Input channel: 4 x stereo via jack, channel control via 60mm fader, 4-band EQ-poti EQ $\pm 15\text{dB}$ at 80Hz/500Hz/3kHz/12kHz, 3 Send/AUX, pre-post switch, routing sub group bus switch, routing master bus switch, mute control, solo switch, low cut switch, balancecontrol, Input sensitivity switch Master output: 1 x stereo, channel control via 60mm fader, graphic equalizer 9-band EQ $\pm 12\text{dB}$ at 63/125/250/500Hz 1/2/4/8/6kHz
Crossover frequency:	High-pass 75 Hz, 18db/oct
Max. level:	Output: master +28 dBu, bal. Output: sub groups +22 dBu, unbal. Output: control room +22 dBu, unbal. Output: rec. +22 dBu Output: headphones +19 dBu, unbal. Output: AUX sends +22 dBu, unbal.
USB port:	Type B
PC connect:	Via USB
Housing design:	(19") 48.3 cm rack installation possible
Dimensions:	Width: 48.3 cm Depth: 40 cm Height: 12.7 cm
Weight:	6.25 kg

Scope of delivery:

1 x mixer
 1 x user manual
 1 x power cord
 1 x USB cable
 2 x angle