

FEATURES

TECHNICAL DATA

Frequency response (Mic In @ -20 dB):
 Mic In to Main Out.....10Hz-22kHz +0-1dB
 THD (Mic In @ -20 dB).....0.007%
 SNR I Mic In to Main Out.....>85dB
 Preamp Noise (EIN 150Ω source).....-114 dB
 Residual Output Noise.....<-88dB
 CMRR (Maximum Gain).....>50dB @ 1kHz
 Crosstalk (adjacent channels).....-65dB
 AC IN.....100-250V~ 50Hz-60Hz (30W)
 Dimensions.....W329.0xD338.0xH102 mm
 (without plastic side panels or rack ears)
 Weight.....4.6 kg

LOGISTICS DATA

Order Number.....2011901
 Single unit EAN-13.....5060502920522
 Single Carton size.....425x385x170mm
 Single Carton gross weight.....6.5kg
 Units per master carton.....3
 Master carton size.....535x400x450
 Master carton gross weight.....20.6kg

CONCEPT

The LMD-1602FX-C-USB is all an aspiring band needs in a single compact desktop mixer. 4 mic/line channels with low noise microphone stages, switchable phantom power and built-in one-knob compressor provide a proper feed for acoustic input signals. 2 mic/line stereo channels and 2 line stereo channels, all balanced, cater for a multitude of stereo line level sources. Eventually 2 unbalanced stereo inputs, either RCA or 3.5mm TRS, allow mobile players to be added for backing tracks or pause background music. For the latter, this input channel sports a new “exclusive” function which leaves only this channel open but mutes all other input channels – perfect to switch between “performance” and “break” times by just a flip of a switch! A musical 3-band equalizer and a 2-Bus AUX system (1 pre, 1 post) complete the channel features. The post AUX bus is connected to the internal digital effects processor with 16 algorithms in 16 variations, a large LED display indicating the choice. Last but not least, a 7-band equalizer is assignable to either the master output or the AUX-pre (monitor) output, for the perfect tonal tuning when required. A USB stereo record/replay interface allows to either record the performance directly to a connected PC or play backing tracks from a PC. Barely any other mixer in this class offers the features and practicability at the same affordability as the LMD-1602FX-C-USB



- 4 Mono mic/line inputs, 2 mono mic/stereo line and 2 stereo line inputs each with gain control, 75Hz highpass filter, 3-band shelving EQ, 2 AUX busses, pan/balance control and peak LED
- Additional insert jacks and one-knob-compressors for the 4 mono mic/line inputs
- Dedicated 2-Track input channel with selectable input source (2 TRK Input, 3.5mm Mini TRS AUX or internal USB audio replay)
- EXCLUSIVE function for 2-Track channel to mute all other channels - perfect for background music during the band's break
- MUTE function for all channels
- 60mm faders for level control in all channels
- Switchable +48V phantom power for microphone inputs
- One AUX bus fixed post-fader (assigned to internal effects), one AUX bus fixed pre-fader (Monitor)
- Post-fader AUX return re-routable to Monitor AUX send
- TriCore DSP 24-Bit stereo effects processor with LED display and footswitch control. 16 algorithms with 16 variations per algorithm. Tap tempo function.
- Stereo tape record/playback port with flexible routing
- USB stereo soundcard for replay and recording
- Headphones output with dedicated volume control
- Main output with 60mm fader and 2x10 LED level meter
- 7-Band stereo graphic EQ, assignable to the Main output or AUX1 (Monitor)
- Internal switch mode power supply
- Full metal case with detachable plastic side panels and mountable metal rack ears (included)
- CE/ROHS compliant