

# EVO 4

## PROFESSIONAL Digital DJ Mixer



The EVO 4 is a 4 channel digital mixer addressed to professional DJ and club installations.

It features the highest quality digital audio at 24bit 96kHz, 2 independent effects processors, 2 independent loop samplers and fully assignable MIDI control.

In despite of the music style, the EVO 4 is tailored to any professional DJ as it is packed with plenty of features, such as a precise and ergonomic full cut EQ, send and return loop to external effects units, fader and crossfader shape adjustment, output limiter and much more.

Its superb sound quality, robust format and output limiter make it the perfect choice for a club installation.

- 4 mixing channels
- 3 Phono and 4 Line inputs
- 1 balanced XLR3 Microphone input
- Master output – balanced XLR and unbalanced RCA
- Booth output – unbalanced RCA
- MIDI output – DIN5 180° and USB
- VU Meter per channel
- 3 band full cut EQ
- Extra large ergonomic EQ knobs
- Fully assignable crossfader
- 60mm long life faders
- 45mm long life crossfader
- Fader and crossfader shape adjustment
- FX Send and Return loop to external effects units



### Digital Audio

- 24 bit stereo A/D and D/A converters
- 96kHz sampling rate

### 2 Effects Processors

- 18 advanced sound effects synchronized with BPM
- Automatic/manual BPM counter on each processor
- LCD screen on each processor
- Dry/Wet crossfader and 3 parameter adjustment
- 2 independent processors chainable or assignable to different channels
- Send and return control to external effects processors

### 2 Loop Samplers

- 2 bank loop samples
- 1/8, 1/4, 1/2, 1/1, 2/1, 4/1 or 8/1 beats (automatic beat detection)

### MIDI Control

- 29 assignable MIDI controls
- Dedicated MIDI panel with 4 rotary and push encoders
- MIDI Clock

### Output Limiter

- Output limiter for a safe performance
- Protected with password

## TECHNICAL CHARACTERISTICS

AD/DA 24 bits converter 96kHz

32/64bits DSP engine.

Frequency response -1dB (-3dB):	Line:	10Hz - (47,5kHz)
	Micro:	10Hz - (47,5kHz)
	Phono:	RIAA 0.5dB (20Hz - 20kHz)
Input sensitivity/Impedance:	Line:	0dBV/20kΩ
	Phono:	-40dBV/50kΩ
	Micro:	-50 to -30dBV / >1kΩ
Output level/Min. Load:	OUT1:	0dBV(+6 dBV hard configurable) / >600Ω
	OUT2:	0dBV(+6 dBV hard configurable) / >600Ω
	Output Limiter on OUT1:	-10dBV to +10dBV compressor, password protected.
	REC:	0dBV/10kΩ
	Headphones:	0,2W/200Ω, 1%THD
	Midi:	USB / Din 5 180°
THD+N:	Line:	<0,008%
	Phono:	<0,01%
	Micro:	<0,02%
Signal/N. Ratio:	Line:	>97dB
	Phono:	>94dB
	Micro:	>92dB
CMRR:	Micro:	>70dB@1kHz
Shape:	adjustable on Xfader & Faders	
BPM:	automatic from 60 to 220 bpm in 6 ranges, internal or MIDI clock reference.	
Tones:	BASS	-30/+10dB (200Hz)
	MID	-25/+10dB (200 & 6,5kHz)
	TREBLE	-30/+10dB (6,5kHz)

Built in squelch on unused channels.

Two independent loop sampler, 8+8 sec. max.

Phantom voltage: +17,5VDC/5mA max.

Input Gain: from  $-\infty$  to +10dB

Mains: 90-264VAC 47-63Hz

Power consumption: 31VA

Dimensions: 370x320x80mm

Weight: 5kg

\* Specifications and appearance are subjected to change without notice. Since the software is upgradeable, some values may differ from one version to another due to improvements.



All the characteristics are subject to variation due to production tolerances. ECLER SA reserves the right to make changes or improvements in manufacturing or design that may affect specifications.

Motors, 166-168 08038 Barcelona - Spain - Domestic sales / Ventas España (+34) 902221400 Export sales / Ventas Export (+34) 902331400 General calls (+34) 932238403 Fax (+34) 932238404 [www.eclerodjdivision.com](http://www.eclerodjdivision.com)

**ECLEREO**

