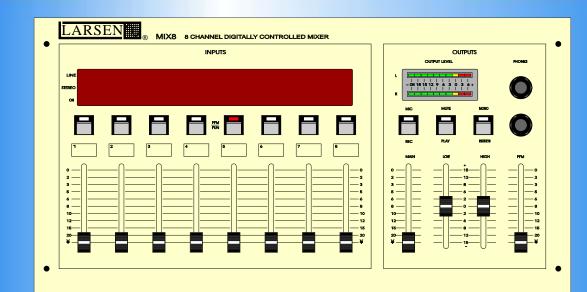
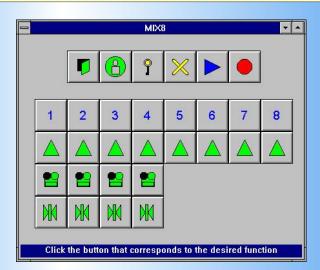
# Acutron Electroacústica Lda







RSF



#### DESCRIPTION

8-Channel microcontroller-steered mixer, with on/off control over the 8 channel and mic/line and stereo/mono control over the first 4 channels. The configuration may be stored on non-volatile memory. Controllable via front-panel buttons or by means of a Windows<sup>™</sup> PC software and interface board (not included on the basic unit).

#### 

The new MIX8 is targeted to the ENG, small broadcast studio production, conference systems, home studios or to be used as a sub-mixer in large installations. Its better than 16-bit audio performance makes the MIX8 fit virtually anywhere.

## FEATURES

Simple user interface with 8 EEPROM configuration memories, including power loss recovery.

□ XLR electronic balanced I/O using instrumentation amplifiers and polyester coupling capacitors.

□ 4 balanced channels configurable as line/mic, stereo/mono + 4 balanced microphone channels.

- Audio quality exceeding 16-bit equivalent performance.
- PPM 10-bar bar graph level indicators calibrated in dBu.
- Simple yet powerful output 2-band equalization.

□ Full RFI protection on all inputs/outputs, including mains filtering block..

□ EN-55103 compliant according to 89/336/EMC.

□ Mute and PFM available on all channels.

Preh 58mm faders with integral dust protection.

All static microcomputer-controlled audio switching, no mechanical switches.

□ 2 high power headphone outputs (will drive speakers)
□ Remotely controlled using a serial port and Windows<sup>™</sup> software (optional, Remote version)

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## **SPECIFICATIONS**

#### Configuration

Frequency response 20Hz - 20KHz ± 0,5 Noise,UN/IEC-A 22Hz - 22KHz -110/-113dBu (mic)

**Channel Crosstalk** 

Harmonic Distortion, 20 20K

IMD 60Hz/7kHz

Input impedance Output impedance Gain Clipping point

Common-mode rejection Efficiency, LO/HIGH Physical Dimensions

Weight Power supply

Operating temperature

MIX8 V1.02 2003-11-10 Specifications may change without prior notice Copyright © by Acutron 1997-2003 all rights reserved LARSEN® is a trademark of Acutron Electroacustica Windows is a trademark of Microsoft Corp.

DISTRIBUTOR

4 configurable inputs stero/mono/mic/line 4 switchable mic inputs 1 Main stereo output 2 Headphone outputs 2 Tone controls (bass and treble) 20Hz - 20KHz ± 0,5dB -78/-88dBu (line) <-70dB at 20Hz <-30dB at 20KHz <0.05% (line) <0,15% (mic) <0.02%(line) <0.15%(mic) 100KΩ, balanced  $600\Omega$  balanced 8dB (line), 50dB (mic) +12dBu on main outputs -12dBu on line inputs -30dBu on microphone 60mW/80hm headphone >60dB at 1kHz 20Hz/20KHz ± 15dB 5U 19" rack 80 mm heigh 4Kg 120/240VAC, 50-60Hz @ 9VA 0 - 40°C