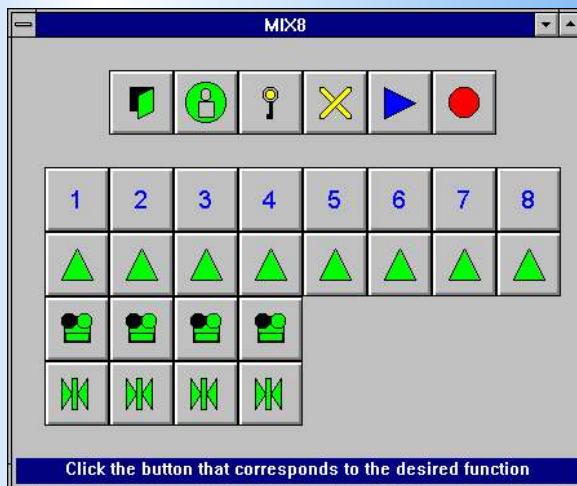
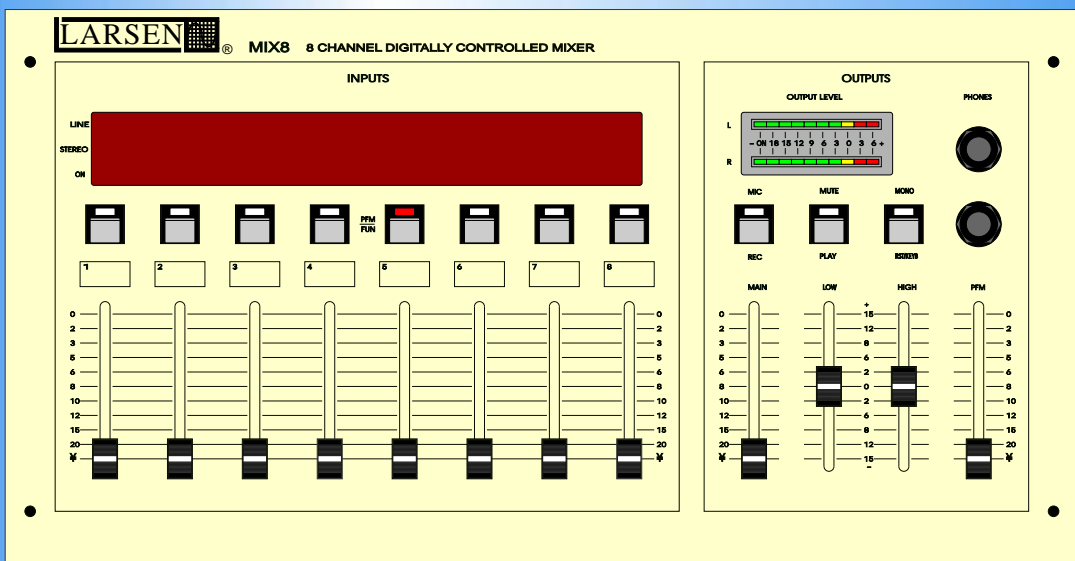


MIX8

Digitally Controlled Mixer



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™ PC software and interface board (not included on the basic unit).

APPLICATIONS

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™ software (optional, Remote version)

SPECIFICATIONS

| | |
|------------------------------|---|
| Configuration | 4 configurable inputs stereo/mono/mic/line 4 switchable mic inputs 1 Main stereo output 2 Headphone outputs 2 Tone controls (bass and treble) |
| Frequency response | 20Hz - 20KHz ± 0,5dB |
| Noise, UN/IEC-A 22Hz - 22KHz | -110/-113dBu (mic) -78/-88dBu (line) |
| Channel Crosstalk | <-70dB at 20Hz <-30dB at 20KHz |
| Harmonic Distortion, 20 20K | <0,05% (line) <0,15% (mic) |
| IMD 60Hz/7kHz | <0.02%(line) <0.15%(mic) |
| Input impedance | 100KΩ, balanced |
| Output impedance | 600Ω balanced |
| Gain | 8dB (line) , 50dB (mic) |
| Clipping point | +12dBu on main outputs -12dBu on line inputs -30dBu on microphone 60mW/8ohm headphone |
| Common-mode rejection | >60dB at 1kHz |
| Efficiency, LO/HIGH | 20Hz/20KHz ± 15dB |
| Physical Dimensions | 5U 19" rack 80 mm height |
| Weight | 4Kg |
| Power supply | 120/240VAC, 50-60Hz @ 9VA |
| Operating temperature | 0 - 40°C |

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.

ABC-Abrunheira Business Center
Edifícios 10-11 R. das Maçarocas
Abrunheira 2710-056 Sintra
Tel +351 219152040
Fax +351219154079
web: www.acutron.net
mail: info@acutron.net



DISTRIBUTOR