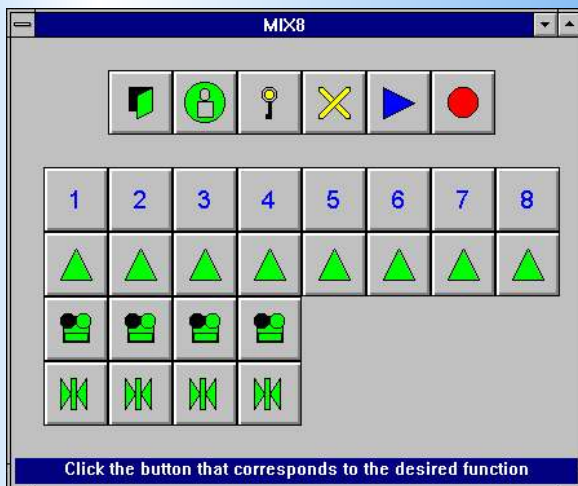
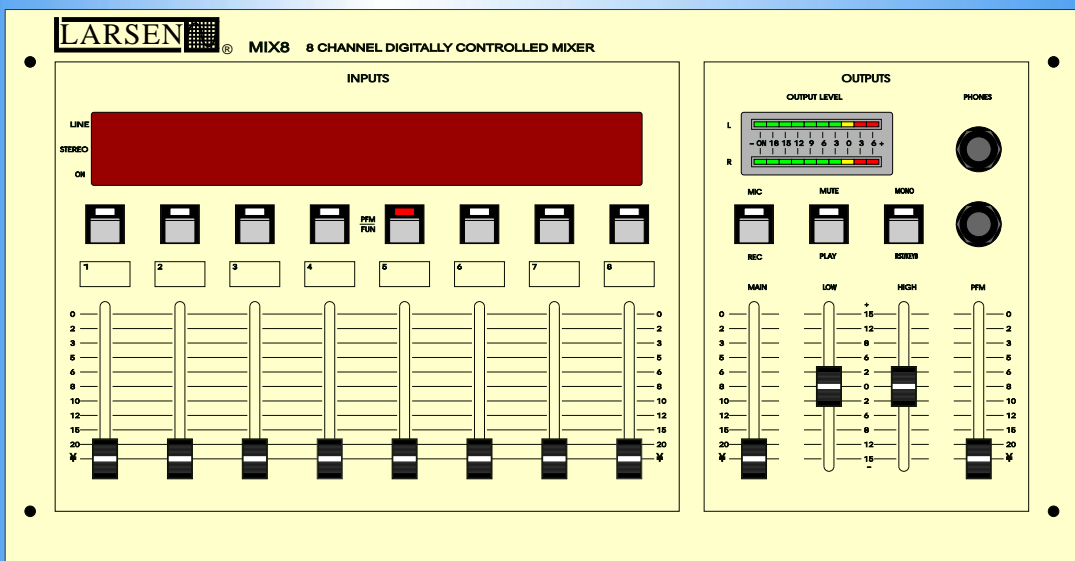


MIX8

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

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