

LX-1

STEREO SELECTOR



PRODUCT OVERVIEW

With the LX-1 six-channel stereo selector, production, newsroom, satellite, automation or EAS audio can be on air without tying up board inputs or moving patch cables around. Up to 6 connected sources are immediately available with the push of a button. The programmable MIX function allows you to have two or more sources on the air at once. No matter what the source, professional or consumer, the LX-1 takes them all in stride thanks to built-in IHF to PRO conversion. Thanks to the excellent crosstalk circuit, you'll never have to worry about "bleed through" from one source to another.

Front panel controls provide MIX, LOOP and READY functions. The MIX mode allows multiple sources to be on the air while maintaining proper levels, LOOP provides a means of switching an audio or effects processor in or out of line, and READY allows local and remote control of selection. While READY is off it locks all functions to preserve your customized settings. Machine-Follow Audio outputs send start/stop pulses to each source for controlling automation or cartridge and reel-to-reel machines.

Unlike a patch panel, the LX-1 employs "soft switching" to guarantee a seamless transition as you switch from source to source. A second isolated stereo output permits monitoring or driving an additional load.

If you've ever wanted to call from home to switch program feeds you can. The LX-1 can be controlled remotely by the ARC Plus, ARC-16, GSC3000 or VRC2500. All LX-1 functions are remote controllable making the LX-1 the ideal choice for automated or satellite operations using off-premises monitoring. The LX-1 provides a very clean air signal without tying up the control room console.

With the LX-1, you don't have to worry about pops and clicks associated with conventional switchers, patch panels or relays. Studios can even have their own "take" button to go on the air live. The LX-1 gets straight "A's" in audio quality. The specs may be impressive, but even more important is that they are locked in with laser-trimmed circuits that require no tweaking. You will get the same performance on-air that you measure on the bench, year after year.

FEATURES/BENEFITS

- Logical, easy-to-use controls
- Control the LX-1 from remote using your transmitter remote control system
- Clean audio prevents "bleed through" from other sources
- "Silent switching" between channels provides seamless transition
- Eliminate patching of audio sources directly into your console
- Memory retention feature remembers last selected input for a limited amount of time in case of power failure

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SPECIFICATIONS

DIMENSIONS:

1.75" (4.45 cm) H x 19" (48.26 cm) W
x 11" (27.94 cm) D

POWER REQUIREMENTS:

110 VAC, 50/60Hz; 30W. 220 VAC
available.

SOURCE INPUTS:

SIX STEREO INPUTS:

Nominal level: +8, +4, 0, -10dBm;
Maximum level: +28dBm with nomi-
nal +4dBm setup.

COMMON MODE REJECTION:

>110dB below 1 KHz, >70dB at
20KHz. No level or CMR trimming
required.

IMPEDENCE:

50k ohms CMR or gain unaffected
by source impedance imbalances.

CHANNEL OFF ISOLATION:

>110db, 20-20KHz

SOFT SWITCH TIME:

3.5 milliseconds

CONNECTORS:

Individual connectors including
audio, remote control and
machine-follow-audio for each
input. Start and stop pulses provid-
ed for machine control. READY sta-
tus and control available on con-
nector. COMBICON plug in screw
type connectors install easily with
a screwdriver.

LOOP INPUT:

Nominal level: +4dBm; Maximum
level: +26dBm; Impedence: 25k
ohms balanced CMR, noise and dis-
tortion same as main inputs.

CONTROL:

Access to all functions via front
panel control and remote control
connector. Operating mode (select
or mix), processor loop, ready or
locked modes may be controlled
and monitored by remote control.

MODES:

MIX ON:

Selection of unlit source adds
source to output. Selection of lit
source removes source from out-
put.

MIX OFF:

Selection puts source on output
and cancels all other sources. May
be strapped for alternate action.

READY ON:

Local and remote control of selec-
tion, mix and loop functions is
available.

READY OFF:

Local and remote control of all
functions are locked.

LOOP ON:

Processor loop is connected to
stereo outputs.

LOOP OFF:

Processor loop is bypassed.

All specifications are subject to change without notice.

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