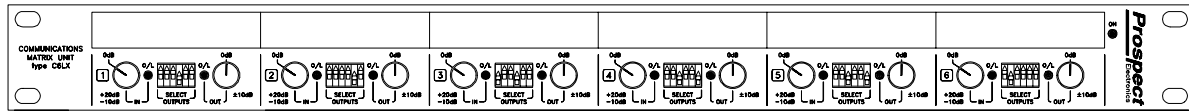


COMMS MIX MATRIX UNIT type C6LXT

The C6LXT are 6-input, 6-output audio mixer units which enable the configuration of talkback systems to be quickly set up or altered by means of the front panel matrix of signal selection switches and level controls.



FEATURES

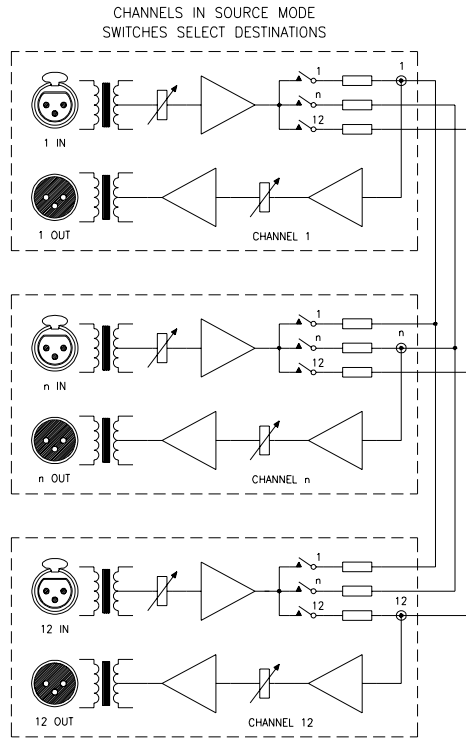
- * 36 (6 x 6) front-panel signal selection switches.
- * Input and output level controls on all channels.
- * All inputs and outputs transformer-coupled on XLR3 connectors.
- * High-level signal handling with input and output overload indication on each channel.
- * Low crosstalk on non-selected channels.
- * 1U rack-mount case.

DESCRIPTION

The front panel of the C6LXT is divided into six identical channels. On each channel, the input signal is fed to a group of six switches, each switch within the group routing the input signal to the output of the selected channels. Each channel has an input level control to adjust the level of that channel's input signal and an output level control to adjust the output level of the mix of signals selected to that channel. Input and output overload LED's on each channel indicate when any signal level within the unit approaches the onset of clipping

COMMS MIX MATRIX UNIT type C6LXT

BLOCK DIAGRAM



SPECIFICATIONS

INPUTS

INPUT IMPEDANCE 10k ohm on XLR3F
 INPUT GAIN RANGE +20dB to -10dB

OUTPUTS

OUTPUT IMPEDANCE 50 ohm on XLR3M
 OUTPUT GAIN RANGE ±10dB
 MAX. OUTPUT LEVEL +20dBu
 BANDWIDTH (-3dB) 50Hz to 20kHz
 NOISE & CROSSTALK -50dB @ 10kHz

POWER

115/230V AC selectable on IEC connector

PHYSICAL

DIMENSIONS 482 x 220 x 44mm (1U)
 WEIGHT 2.7kg (C6LXT)
 FINISH Dark grey front panel