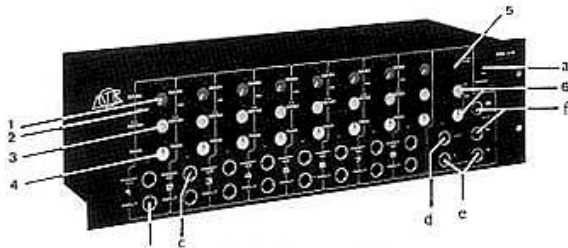


INTRODUCTION

The SLM 82 is a stereo line-level only rackmounting mixer designed for specific mixing tasks where many of the facilities on a conventional console are not needed. Examples include mixing 8 output drum machines, banks of synth modules, multi-keyboard setups with up to 9 effects in use at one time, expanding a regular console, audio-visual mixing from multiple tape machines, and so on.

CONNECTIONS

- a) Power : The Eurostyle mains lead should be connected to a suitable power supply: in the UK, 240 volts 50Hz.
- b) Inputs : Unbalanced mono jack sockets, 10KOhms, connect to the signal source with a screened lead.
- c) Insert : Stereo jack socket, connect to and from an external signal processor e.g. compressor, noise gate, delay line etc. The tip is wired send, ring is return and screen is common. A stereo screened cable of suitable length should be fitted with a stereo jack plug at the mixer end, and the other end with two mono plugs connected to the in and out sockets on the processor.
- d) FX Send : Mono output socket from the FX Send controls, connect to the input of an "overall" processor such as a reverb unit.
- e) FX Rtn : If a mono processor is connected to d) above, the return signal should be connected to the 'L' FX Return socket. If the processor has a stereo output, connect to the L & R return sockets. (See also 6 opposite).
- f) Output : Left and Right main outputs from the mixer.



CONTROLS AND OPERATION

- 1) Gain : Input volume control, adjust so that the P.P.I. (2) just flashes occasionally.
- 2) P.P.I. : Fires 8dB before clipping to give a visual indication of impending overload. If it glows constantly, reduce the Gain (1) or the signal source itself.
- 3) FX Send: Variable post-fade send on each channel feeding the FX Send output socket, allowing a proportion of that channel's signal to be treated by an external processor.
- 4) Pan : Sets the position of each channel in the stereo picture.
- 5) Output : Controls the output volume from the Left and Right outputs
- 6) FX Rtn : The Level control determines what volume is mixed back into the main output from an external processor, and the Pan positions this signal in the overall stereo picture.
If a stereo signal (e.g. from a stereo reverb) is being returned, the Pan control should be set fully Left.

SPECIFICATIONS

Input impedance
10K ohms
Input gain
-33dB for 0dB out
Output impedance
less than 40 Ohms
Max output level
+21dB
Aux return input impedance
10K ohms
Aux return gain
-27dB for 0dB out

Distortion
0.03% ref 1KHz @ 0dB
Noise
-72dB, 1 chan, gain max, ref 0dB
P.P.I.
fires 8dB below clipping
Connections
¼ inch jacks, unbalanced

Power
240 volts AC, 50-60Hz
Dimensions
462w x 153d x 132h (mm)
Weight
approx. 11 Kilos