

AD114 LAPTOP Mixer



The AD114 has been designed especially with miniaturisation in mind. The brief was to design a mixer suitable for working with a new generation of laptop edit systems. The resulting mixer not only meets this demand but exceeds it in every respect. It is certain to find applications in every field of live and recorded sound where size matters!

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(Down load may be slow)

FEATURES

- A choice of MIC/LINE OR LINE INPUTS. Mic/line input have 48v Phantom Powering, Stepped Attenuator and High Pass Filter. Line inputs have Continuously Variable Input Level Control.
- PHASE CHANGE
- 3 BAND EQ
- PUSH BUTTON ROUTING between left and right output,
- PRE-FADE LISTEN
- CHANNEL OVERLOAD INDICATOR
- 2 TRANSFORMER BALANCED OUTPUTS with XLR type connectors and rotary level control.
- MONITORING of headphones on Type 'A' jack with Level Control. Push button selection of Left, Right or Stereo Output or Return with level control.
- POWERING - From 8 x AA internal batteries or a 10-15V external source.
- METERING with PPM or VU scale
- LINE-UP OSCILLATOR, 1k Tone into
- Output
- LIMITER with Stereo Link
- BATTERY TEST
- SLATE Electret microphone with level control for tape identification
- METER ILLUMINATION
- A 15 PIN 'D' CONNECTOR to carry outputs and return for quick set-up
- An ILLUMINATED MIXER ON/OFF SWITCH which selects between internal or external power

SPECIFICATION

MAX GAIN	MIC 80dB LINE 50dB	OUTPUT IMPEDANCE	<60R L-R and AUX 1&2 <20R MONITOR 1&2
MAX. INPUT	AT MAX GAIN MIC -42dB LINE -7dB STEREO-RETURN+18dB	OVERLOAD INDICATOR	illuminates @ 15dBu at the pre fader point
INPUT IMPEDANCE	MIC >1k5 OHMS LINE >6k5 OHMS STEREO-RETURNS >100K OHMS	NOISE	<126dB EIN MIC 20HZ-20kHz 200R SOURCE <75dB SNR LINE 20HZ-20kHz
MIC POWER	48v PHANTOM	OUTPUT LIMITER	THRESHOLD +8dB RATIO 7:1 ATTACK 4mS & 20mS SWITCHABLE RELEASE 40mS & 100mS SWITCHABLE
FREQUENCY RESPONSE	+0,-1dB; 20Hz-20kHz L-R +0,-1.5dB; 20Hz-20kHz MONITOR	EQUALIZATION	HF \pm 10dB @ 10kHz
HIGH PASS FILTER	-3dB @ 90Hz & 150Hz 12dB/OCTAVE		

EQUALIZER	HF±10dB @ 10kHz VARIABLE SLOPE MF1 ±18dB @ 1k8Hz MF2 ±18dB @2k3Hz MF1+2 ±18dB @3k8Hz LF±10dB @ 100Hz VARIABLE TURNOVER	LF	± 10dB @ 100Hz
		MF	± 15dB @ 2k5Hz Q=1.2
TOTAL HARMONIC DISTORTION	<0.05% @ 1 kHz @ 0dBm output <0.15% @ 40Hz; -15kHz @ +15dBm output	POWERING EXTERNAL	12V-15V ON 4 PIN XLR INTERNAL 8 'AA' cells Nicads or Drycells
CROSSTALK	<-70dB; 40Hz to 15 kHz INTERCHANNEL & INTER-GROUP	CURRENT CONSUMPTION	180mA
MAX. OUTPUT LEVEL	+23dBm (600R LOAD) L-R TRANS BAL + 18dBm (600 R LOAD) H'PHONE MONITOR UNBALANCED	DIMENSIONS	220mm x 230mm x 80mm
		WEIGHT	2.25Kg



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Equipment meets with EU Directive on EMC