

AD149 FILM & DRAMA MIXER



The location sound recordist of today demands more facilities and control from a portable mixer. Following years of research the design team that produced some of the most successful portable mixers in the world has created the AD149. It sets a new standard for the twenty-first century by offering potential and a degree of sophistication together with a simplicity never previously encountered in a mixer of its type or size.

Take for granted the functions and qualities that have made Audio Developments famous world-wide for sound quality and ruggedness.

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FEATURES

- Limiter on each input (adjustable). Release, attack & threshold are set via presets
- Insert point on inputs
- Direct output from each Mic/Line input module
- Three-band equalizer with a choice of four center frequencies in the MF section
- Transformer balanced inputs and outputs (main and auxiliary)
- Two main outputs and two auxiliaries
- Limiter on L & R outputs. Can be linked for stereo operation
- M-S stereo facilities in main and monitor signal paths
- Comprehensive monitor selection
- Two monitor outputs for headphones or speaker amplifiers
- Two communication outputs and one return
- Selection of monitor feeds to communication outputs
- Remote start facility
- Ten pin multiway connectors for output and returns
- Six pin multiway connector for outputs and returns, buffered for use with DAT
- Fifteen way D connector for feeding equipment such as a meter bridge (AD096)
- A pair of meters - either PPM or VU - may be switched to read various outputs or follow the monitor
- Internal oscillator, 1kHz & 10kHz, selectable to L-R and/or auxiliary outputs. Interrupted tone is optional on the left path
- All connectors are presented on one surface of the case and in line with the corresponding module

SPECIFICATION

MAX GAIN	MIC 80dB LINE 45dB	OUTPUT IMPEDANCE	<60R L-R and AUX 1&2 <20R MONITOR 1&2 <20R EXTERNAL 1 <20R INSERT SEND <20R CLEAN FEED
MAX. INPUT	AT MAX GAIN MIC -42dB LINE -7dB STEREO-RETURNS +18dB INSERT-RETURNS +18dB EXT 1 RETURN +18dB	NOISE	<126dB EIN MIC 20HZ-20kHz 200R SOURCE <70dB SNR LINE 20HZ-20kHz
INPUT IMPEDANCE	MIC >1k5 OHMS LINE >10k OHMS STEREO-RETURNS >50K OHMS INSERT-RETURNS >10K OHMS EXT 1 RETURNS >100K OHMS	OUTPUT LIMITER	THRESHOLD +8dB RATIO 7:1 ATTACK 1mS & 4mS INTERNALLY SWITCHABLE RELEASE 1mS & 250mS INTERNALLY SWITCHABLE
MIC POWER	48v PHANTOM, 12v TONADER	MIC/LINE LIMITER	THRESHOLD +0dB RATIO 7:1 ATTACK COUNTER CLOCK-WISE 0.5ms CLOCK-WISE 10ms CENTER 4ms RELEASE COUNTER CLOCK-WISE 10ms CLOCK-WISE 700ms
FREQUENCY RESPONSE	+0,-1dB; 20Hz-20kHz L-R AND AUX 1&2 +0,-1.5dB; 20Hz-20kHz MONITOR 1&2		
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		CENTER	300ms
TOTAL HARMONIC DISTORTION	<0.05% @ 1 kHz 0dBm			
	<0.3% @ 40Hz; -20kHz; +15dBm	POWERING EXTERNAL	12V-15V ON 4 PIN XLR	
CROSSTALK	<-70dB; 40Hz to 15 kHz		INTERNAL 10 'C' cells Nicads or Drycells	
	INTERCHANNEL & INTER-GROUP	CURRENT CONSUMPTION	370mA (8 INPUT) without powered mics.	
MAX. OUTPUT LEVEL	+24dBm L-R TRANSFORMER BAL	DIMENSIONS	6CH 8CH 10CH	
	+24dBm AUX 1&2 TRANSFORMER BAL	EXC. HANDLE	(349 390 451 x 340 x 120mm	
	+ 18dBm MONITOR 1&2 UNBALANCED			
	+18 dBm EXTERNAL 1&2 UNBALANCED	WEIGHT	7.5Kg 8.75Kg 10Kg 11.25Kg	
	+18 dBm INSERT SEND UNBALANCED			
	+18 dBm CLEAN FEED UNBALANCED			



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Equipment meets with EU Directive on EMC