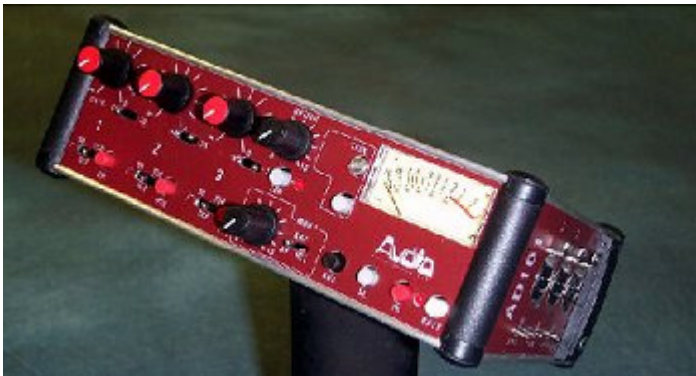


AD161 ENG Mixer



Click on the above for full screen image.
(Down load may be slow)

The first in a family of 3, the AD161 has been designed to meet the needs of today's news gatherers. For speed and efficiency crews have been reduced to the bare essentials and so cameras, lighting and sound equipment need to be quick to set up, reliable to use and produce the first class quality sound and pictures viewers have come to expect.

The AD161 has all the facilities needed to fulfill this demanding role. It is small, light, extremely rugged, and has such a straightforward layout of controls that even a newcomer to audio will instinctively become familiar with all the functions in minutes.

FEATURES

- AD161 has 3 MIC INPUTS, Electronically balanced with XLR Type connector, 2 High Pass Filters, 2 Position Input Gain Selector, Rotary gain control, 48V Phantom/12V T (AB) Powering, Pre-fade listen, Phase Change.
- AUXILIARY LINE INPUT, Electronically balanced with Type A jack connector, level control and routable to Main Output and/or monitor.
- OUTPUT Transformer balanced with XLR Type connector, rotary gain control, Hi/Low output level switch.
- MONITORING Headphones on Type A Jack with switch to select output, line input or return. Metering with VU, PPM Scales. A second monitor output allows another to receive a signal feed, which also includes a private TALK facility
- LINE UP OSCILLATOR, 1k Tone into Output
- LIMITER incorporated in the main output. An IN/OUT switch introduces the Limiter into circuit and an LED indicates when limiting is taking place.
- BATTERY TEST momentary action push switch shows battery status on meter
- TALKBACK There is an electret microphone switchable to main output and external connector (boom man) operated by push switches.
- 6 PIN TUCHEL CONNECTOR - output power line, line output and line input for quick connection to recording medium.
- ON INDICATOR - A red LED indicates the mixer is switched ON and flashes to show low battery voltage.
- POWERING - From 6 x AA internal batteries or a 10V to 15V external source.

SPECIFICATION

MAX GAIN	75dB	OUTPUT IMPEDANCE	<60R Transformer Balanced
MAX. INPUT	3dBu	MAX. OUTPUT LEVEL	+24dBm into 600R 50dB Attenuation at Mic Level
INPUT IMPEDANCE	3k OHMS	NOISE	<-125dB Mic 20Hz to 20kHz. 200R Source
MIC POWER	48v PHANTOM, 12V Tonader	MONITORING	Type 'A' jack into >100R headphones with level control, PPM or VU meter
FREQUENCY RESPONSE	± 1dB 20Hz to 20kHz	POWERING EXTERNAL	12V-15V ON 4 PIN XLR INTERNAL 6 'AA' cells Drycells
HIGH PASS FILTER	-3dB @ 90Hz & 150Hz 12dB/OCTAVE	CURRENT CONSUMPTION	80mA without powered mics
TOTAL HARMONIC DISTORTION	<0.05% @ 1kHz 600R load, 0dBm output <0.2% 50Hz to 20kHz +15dBu	DIMENSIONS	180mm x 146mm x 58mm (excl.knobs)
CROSSTALK	<-65dB; 50Hz to 20 kHz		