

AD-24 ANALOG INPUT RACK BOX

FEATURE OVERVIEW

TRS and DB-25 input format with pass through

48 kHz / 24bit digital to analog conversion

Simple front panel setup

LED VU indicators

Compact 1U rack space



If you have an analog based system, the AD-24 Analog Input Rack Box is the unit that will take your analog signals and convert them to digital for use in the Livemix system. It is a single rack space box that will most likely live somewhere near the analog source. If this is your mixer's Direct Outs or Inserts, then the AD-24 will be near the mixer. If you use a snake with mic preamps, it might be near the snake.

The AD-24 can take your input signal via TRS or DB-25. The inputs are pass through so you can patch your analog signal out of the AD-24 if required.

The simple front panel interface allows selection of -10 dBV or +4 dBu line level in stereo pairs and indicates input signal levels by LED.

AD-24 (Analog Characteristics)

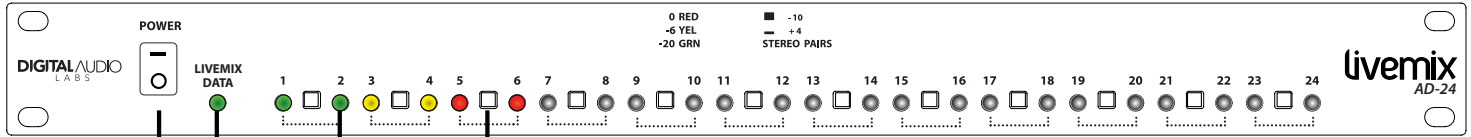
THD+N	.001%
S/N Ratio	111 dB
Frequency Response	20 Hz – 22KHz ± .5dB
Crosstalk	-92 dB
Maximum Input Level	+24 dBu (minor distortion above 23.5 dBu, hard clip at +24 dBu)
Input Impedance	20KΩ Balanced, 10KΩ Unbalanced
Max cable length to MIX-16/32	300 feet

Whole System

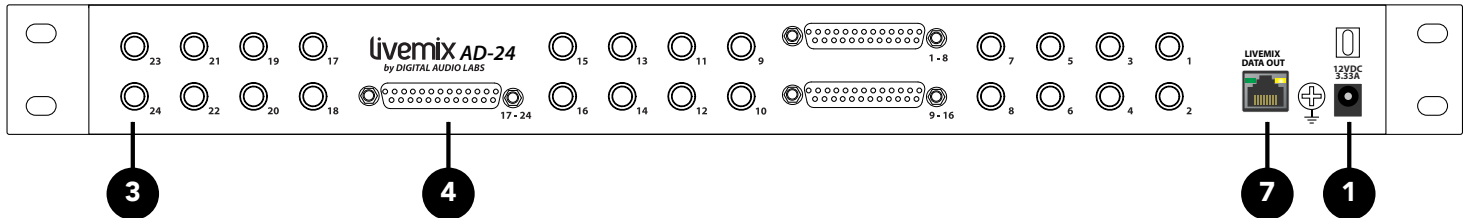
	.03% (100mW, 22Ω)
THD+N (18 dBu 1KHz input)	.014% (100mW, into 32Ω)
	.005% (100mW into 64Ω)
	.003% (100mW into 300Ω)
S/N Ratio	103dB
Frequency Response	20Hz-22 kHz ± 3dB
Crosstalk (Left to Right)	-103 dB
Latency	1.5 ms

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FRONT



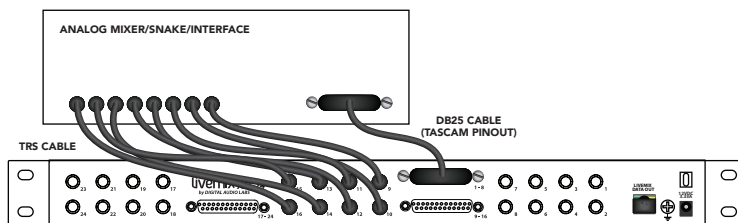
REAR



- External Power Supply Connector:** Connect to included external power supply.
- Power Switch**
- 1/4" TRS Inputs:** Balanced or unbalanced line-level signal from analog audio source.
- DB-25 Inputs:** DB-25 connectors for analog audio input. DB-25 and 1/4" TRS are pass through. DB-25 connectors follow the TASCAM format.

- Input LEDs:** Visual indication of the incoming audio signal level.
- +4dBu/-10dBV switches:** Choose input setting in channel pairs.
- Livemix Data Out:** Female RJ-45 output to MIX-16 over a shielded CAT5 or CAT6 cable.
- Livemix Data LED:** Indicates connection status with MIX-16.

Connecting the AD-24 to a Mixer/Snake/Interface



Connecting the AD-24 to the MIX-16

