

PRELIMINARY

INOmini 300

AES3 Distribution Amp *Plus!*



The INOmini 300 is a compact, DSP-based 1x3 DA specifically for AES digital audio. It reads and displays digital-signal metadata and features independent metering and audio level control on all outputs. A front-panel headphone jack lets you monitor the digital audio, and flashing alarms warn of level and phase problems. Channels and phase may be swapped to correct for source errors. The INOmini 300 accepts any input sampling rate and can convert the output to common, standardized rates between 22.05kHz and 192kHz.



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300 AES3 DISTRIBUTION AMP



FEATURE HIGHLIGHTS

- Accurate, wide-range metering of the input and all three outputs
- Set audio levels independently for each output
- Internal sample rate converter locks to any AES3 audio input and can output common rates between 22.05kHz and 192kHz with 24-bit resolution
- Swap stereo channels, invert phase of one channel, or create mono from Left or Right
- Read all 23 bytes of AES housekeeping 'metadata'
- Flashing alarms signal loss of audio or loss of channel
- Headphone jack monitors program audio

SPECIFICATIONS

AES3 Digital Input:

The (XLR) input accepts AES3 digital audio feeds at any sample rate between 22.05kHz and 192kHz.

Internal Sampling Rate Converter:

The INOmini 300 may be set so that the three outputs follow the input sampling rate, or the outputs may be set (in common) at 22.05kHz, 24kHz, 32kHz, 44.1 kHz, 48kHz, 96kHz, or 192kHz.

AES3 Digital Outputs:

Three independent (XLR) outputs deliver transformer-isolated digital audio at the common chosen sampling rate, and with ± 30 dB of audio level adjustment over each output independently.

Metering:

A high-resolution bargraph meter may be switched between the input and the three outputs, and shows digital audio levels with respect to 0dBFS.

Headphone Jack:

Front-panel (TRS) 3.5mm jack monitors the digital audio program

Power Requirement:

12VDC at 265mA (2.1mm x 5.5mm coaxial); inline switchmode power supply included

Mounting Options:

An optional rack adapter mounts one, two or three INOmini format units in a standard 19-inch, 1U rack space.

Size and Weight:

1.6"H x 5.5"W x 5.5"D; 4 lbs shipping weight



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