



2084 AUD1 4 Channel Audio Output Module



FEATURES

- 4 audio output channels
- ADPCM decompression
- 300 Hz to 3400 Hz frequency response
- Toll quality audio

OVERVIEW

The AUD1 is a four (4) channel decoder / audio signal conditioner. It is designed to be a receiver-decoder and audio output device that accepts packetized audio information produced by a companion Apogee Labs' encoder module. Digital compressed audio voice band signals in the range of 300 Hz to 3400 Hz are converted to analog outputs.

The four (4) channels of digitized audio are extracted from a source packet presented on the AL4300 Series low rate demultiplexer bus. Each channel operates independently. All channels may be active or any single channel or group of channels may be turned off at its source encoder. Information contained in the source packet controls the decoding process. The user has the option of selectively enabling or disabling the output of any individual or group of demultiplexed channels. Analog signal activity is monitored and a relative measure of signal level is presented.

The 2084 AUD1 module is used in conjunction with the Apogee Labs' model 4019 AAUD1 module.

SPECIFICATIONS

GENERAL

- Four independent audio outputs
- 300 Hz to 3400 Hz frequency response
- 1.3 Vp-p maximum output
- Toll quality audio
- Single ended output
- ADPCM decompression
- BNC type connectors

COMPLEMENTARY HARDWARE

- 4019 AAUD1