



# Dolby® Multichannel Amplifier



## SAVE SPACE. REDUCE HEAT. AMPLIFY SOUND.

The Dolby® Multichannel Amplifier is an advanced high-density design that can replace up to 16 stereo amplifiers. With less equipment to install, power, and maintain you get a simpler and more efficient installation. The Dolby Multichannel Amplifier is available in two configurations, 24 channels (DMA24300) or 32 channels (DMA32300). The Class D amplification topology is designed to deliver high performance audio quality on every channel.

The Dolby Multichannel Amplifier is designed for reliability. It includes a custom built power supply with built-in redundancy, power sharing, operational monitoring and fault detection. The power supply is designed to allow the system to operate from a 120VAC to 240 VAC 20Amp service without blowing the AC mains circuit breaker. The Dolby Multichannel Amplifier automatically detects maximum and net power availability, certain operational and environmental conditions and adjusts channel gains based on power supply conditions, load conditions and/or fault conditions.

## DOLBY MULTICHANNEL AMPLIFIER FEATURES

- Available in two configurations; 24 channels or 32 channels
- 4RU chassis
- 300 W per channel at 8  $\Omega$
- 600 W two-channel bridge mode at 8  $\Omega$
- Universal power supply 100 VAC to 240 VAC
- Custom built power supply with built in redundancy
- Web-based UI allows easy access from anywhere on the theatre network
- Front panel status/signal presence LEDs
- Long and short rack rail kits
- A modular design with field serviceability in mind



## Dolby® Multichannel Amplifier

### I/Os

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- 1 × GB Ethernet (1000Base-T/RJ-45)
- 2 × Ethernet (Dolby Atmos Connect/RJ-45)
- 12 or 16 high voltage/current terminal block outputs accepts 8 AWG to 24 AWG loudspeaker wire

### ACCESSORIES

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- CAT1140 – long rack rail kit
- CAT1240 – short rack rail kit
- DMA-ACC-US accessory kit domestic US
- DMA-ACC-CN accessory kit China
- DMA-ACC-ROW accessory kit rest of world

### CONTROL AND MONITORING

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- Web-based user interface
- SNMP
- API documentation available on request

### POWER

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- AC inlet IEC 60320 C19 20A max
- 100 VAC to 240 VAC, 50 Hz to 60 Hz
- Idle 760 BTU/hr
- Maximum 2780 BTU/hr

### PHYSICAL

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- Dimensions product 48.3 x 17.7 x 56.3 cm (19" x 7" x 22")
- Dimensions shipping 61 cm x 30.5 cm x 72.4 cm (24" x 12" x 28.5")
- Weight product 28.12 kg (62 lb)
- Weight shipping 32.65 kg (72 lb)

The English version of this document is the only legally binding version. Translated versions are not legally binding and are for convenience only.

Specifications are subject to change without notice.

This documentation applies to Model CID1001



Dolby Laboratories, Inc. 1275 Market Street, San Francisco, CA 94103-1410 USA T +1-415-558-0200 [dolby.com](http://dolby.com)

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