

## » MCA-1248

12 Channel Audiophile Quality Amplifier

### Multi-Channel Audiophile Quality Amplifier

The MCA-1248 multi-channel amplifier produces a big, luxurious sound yet is so efficient that it doesn't require a heat sink or a ventilating fan. The small yet powerful package delivers true a high fidelity performance that surpasses the quality of amplifiers ten times its size and weight. At only ten pounds and a two-rack unit height, it is by far the most compact and efficient amplifier in its class.

The robust design of the MCA-1248 provides extremely clean state-of-the-art power. The MCA-1248 produces unexpected sound depth and musical clarity. The unit accepts any volume controlled line level input and uses a quiet and efficient 110V AC power supply. Advanced protection circuitry guards against system damage from overload, overheating, or short circuits.

Pragmatic offers high quality digital amplifiers that contain numerous advantages over the competition. A Pragmatic amplifier boasts high efficiency and clock frequency. It also has very linear gain and phase characteristics. The amplifier has a flat frequency response from 20 Hz to 20 kHz. There is no ripple in the pass band and very low change in distortion versus out power levels (usually between 0.01 and 0.05%). It maintains very low and uniform distortion on all frequencies and very high signal-to-noise ratio and dynamic range.

The unit shall consist of one compact multi-channel amplifier that measures 17" W x 4" H x 10.5" D and weigh approximately 10 pounds. Its signal to noise ration shall be greater than 100 dB and its dynamic range shall also be greater than 100 dB. The frequency response shall be 20 Hz to 20 kHz. Its power shall only use 110V AC. Its continuous power shall be 48 Watts per channel and its peak power shall be 90 Watts per channel.



#### Specifications:

Dimensions: 17" W x 4" H x 10.5" D

Weight: 10 lbs. Approx.

Power: 15 V DC

Continuous Power: 48 Watts per channel

Peak Power: 60 Watts per channel

Signal-to-Noise Ratio: >100 dB

Dynamic Range: >100 dB

Frequency Response: 20Hz to 20kHz

Power: 110V AC

Image: both front and back of amplifier shown

Continuous Power: 48 Watts per channel

Peak Power: 90 watts per Channel

#### Feature & Benefits:

- Compact and lightweight design
- Musical clarity and sound depth
- No heat sink or ventilating fan
- Accepts line-level input
- Advanced protection circuitry guards
- High clock frequency
- Very linear gain phase characteristics
- Flat frequency response from 10 Hz to 50kHz
- No ripple in the pass band
- Very high signal-to-noise ratio
- Very high dynamic range
- Very low change in distortion versus output power levels

#### Applications:

- Ideal for multi-room audio, bi-amplified speakers and home audio systems

\*US and International patents pending

**TO PLACE an ORDER or for QUESTIONS,**  
**Emails Us: [sales@pragmatic1.com](mailto:sales@pragmatic1.com), Call Us: (408) 748-1100 or Fax Us: (408) 663-9783**