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Tel. (408) 735 0330 Fax (408) 735 0800  
[www.wireless-experts.com](http://www.wireless-experts.com)

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Contact: James Davidson (408) 542-0330

**PRAGMATIC LAUNCHES ULTRA HIGH PERFORMANCE 12 CHANNEL  
AUDIOPHILE QUALITY AMPLIFIER**

**Sunnyvale CA, December 16, 2002** - Pragmatic Communications Systems, the leaders in audio/video control and signal distribution, recently introduced a robust, 12 channel amplifier, capable of producing big luxurious stereo sound in up to 6 rooms.

The new amplifier, known as MCA1248, exhibits extremely high efficiency; it doesn't require any heat sink or ventilating fan. This amplifier delivers true high fidelity performance that surpasses the sound quality of many amplifiers 10 times its size and weight. At only 10 pounds, and taking a mere 2-rack unit space, the new Pragmatic MCA1248 amplifier is the most compact and efficient amplifier in its class.

The amplifier is ideal for multi-room audio, bi-amped speakers, and home theater systems. The unit accepts any volume controlled line level input and uses a super quiet, amazingly efficient 110V AC power supply. Advanced protection circuitry guards against system damage from overload, over-temperature, or short circuits.

The amplifier is capable of generating a continuous 48 Watts per channel, with a peak power of 90 Watts per channel. The signal-to-noise ratio, and the dynamic range, both exceed 100 dB. And, the frequency response ranges between 20 Hz and 20KHz.

Pragmatic Communications, located in the heart of Silicon Valley, was founded in 1994 by award-winning engineer Prasanna Shah. Based in Sunnyvale CA, the company designs and manufactures its products in the U.S., for both professional and consumer markets.

Pragmatic, known for their proprietary CATS™ & DMS™ technologies, also provide products that are used throughout the world in demanding life - critical, educational and entertainment applications. The company's products are marketed exclusively to professional systems contractors. For more information, please visit the company's website at [www.wireless-experts.com](http://www.wireless-experts.com)