



PCFM

Agile FM Stereo Audio Modulator



- ▶ **Frequency Range 88-108 MHz (FM Band)**
- ▶ **Microprocessor controlled digital phase-locked loop for solid drift-free output on any channel**
- ▶ **Agile push-button tuning and digital display for easy frequency selection**
- ▶ **35dBmV adjustable output for optimum carrier-to-noise performance**
- ▶ **Switch-selectable between stereo and monaural operation**
- ▶ **Non-volatile memory for last channel recall in the event of power failure**
- ▶ **Signal-to-noise ratio >60 dB provides superior sound quality**
- ▶ **Front panel test point for easy RF level system monitoring**
- ▶ **Auxiliary AC outlet for convenience**
- ▶ **UL Approved**

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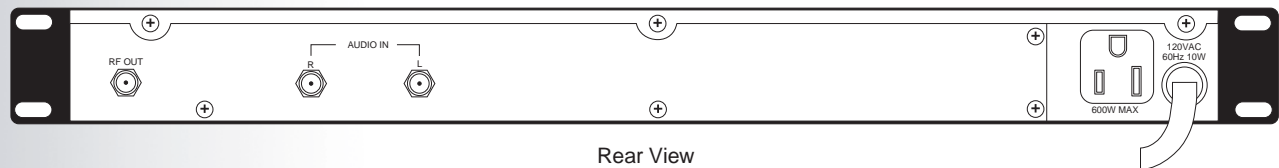
The **Pico Macom PCFM** is a frequency agile professional re-broadcast grade, microprocessor controlled Stereo/Mono Audio Modulator. Its phase-locked loop frequency control and sharp two-stage bandpass filtering minimize adjacent channel interference and assures accurate and spurious free output. The **PCFM** provides up to 35dBmV output across the FM band (88-108 MHz). The unit is easily tuned by using channel up/down buttons and the digital display located on the front panel. Designed specifically for commercial installations, the **PCFM** provides superior signal-to-noise ratio, discrete left-and-right audio signal separation, and enhanced dynamic range. Switchable mono/stereo capability provides FM transmission versatility. The modulator is shipped with all internal adjustments preset. **Pico Macom** backs up this product with its industry leading 5-year limited warranty.

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Front View



Rear View

Audio

Frequency Range:	88-108 MHz
Frequency Resolution:	200 kHz
Frequency Stability:	± 10 kHz
Audio Bandwidth:	30 Hz – 15 kHz
Audio S/N:	>60 dB
Audio Separation:	>30 dB
RF Output Level:	35 dBmV min
RF Level Adjustment:	10 dB

General

Power Input:	108 to 125 VAC, 60 Hz, 20W
Operating Temperature:	-10° to 50° C
Dimensions:	19"(L) x 3"(D) x 1 ³ / ₄ "(H)
Weight:	3.6 lbs.
Test Point:	-20dB
Connectors:	"F" type
Mounting:	Single 19" rack space

Ordering Information

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