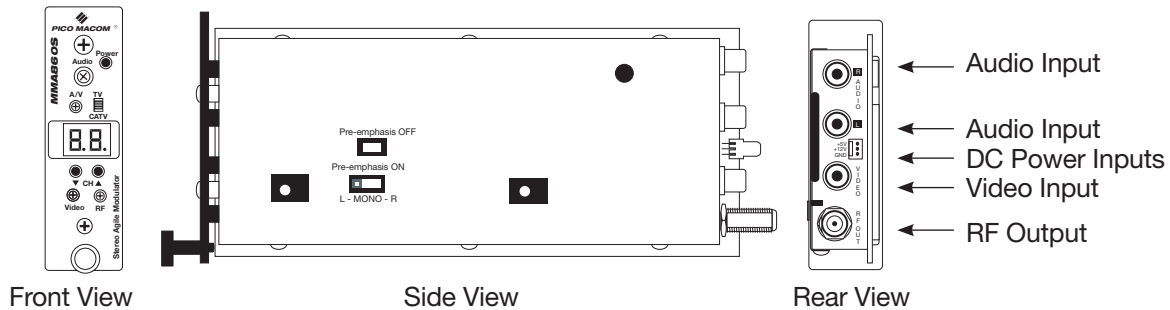


MMA860S

Universal-Chassis Stereo Mini-Agile Modulator

Features

- Compatible with most manufacturers mini-modulator chassis
- 135-Channel range 54-860MHz (CATV 2-135)
- >45dBmV min adjustable output for optimum carrier-to-noise performance
- State-of-the-art digital phase-locked-loop (PLL) design guarantees precise frequency locking for solid drift-free operation
- Microprocessor control enables quick digital push-button channel selection for ease of installation, configuration, and improved system uptime
- SAW (surface acoustic wave) filtered for superior adjacent channel performance enables drop-in channel expansion
- In-band carrier-to-noise ratio >65dB ensures superior picture quality
- Single-slot design allows up to 12 or 16 units in Pico Macom's MPC-12, MPC-12C, MPC-12R and MPC-16PS/CS chassis
- Automatic selection of aeronautical offsets (12.5kHz, 25kHz) for trouble-free configuration
- Front panel access to controls enables easy setup
- Pre-emphasis defeat switch to enable stereo operation
- Push button selectable A/V ratio (13 or 15 dB)



Specifications

Output Frequency Range	54 MHz to 860 MHz	Video Input Level at 87.5% Mod	1V _{PK-PK}
RF Output Level (min)	45 dBmV	Frequency Response	±1dB (50H to 10k)
Tuning	Agile	Stereo Separation	20dB
Carrier to Noise (in band)	60	Signal to Noise (Stereo)	56dB
Carrier to Noise (out of band)	66	Audio Frequency Response	50 Hz to 15000 Hz
Spurious Output	>55	Audio Input Connection	10K Ω RCA-F Unbalanced
Video Frequency Response	±1.2	RF Output Connection	75 Ω F-Female
Video Signal to Noise	56 dB	Voltage Input	+5, +12 VDC
Audio Input Type	L and R Stereo	Dimensions	1" (L) x 3.5" (H) x 7.5" (D)
Video Input Connection	75Ω RCA	Weight	1 lbs.

Ordering Information

MMA860S Universal-Chassis Stereo Agile Modulator