

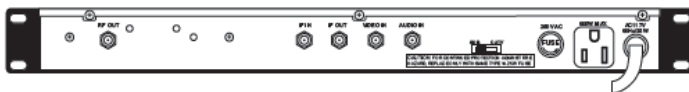


# PFAM550 550 MHz Agile A/V Modulator

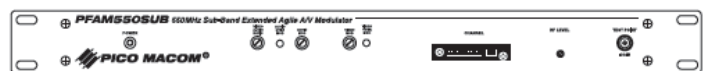
# PFAM550SUB 550 MHz Sub-Band Extended Agile A/V Modulator

## Features

- 60dBmV Minimum output for a 64dB in-band carrier to noise ratio provides superior picture quality
- 82 Channel frequency range 54~550MHz (CATV 2~13, A1~A5, A~PPP) (PFAM550)
- 89 Channel frequency range 5.75~550MHz (CATV T7~13, 2~13, A1~A5, A~PPP) (PFAM550SUB)
- Sub-band operation enables remote TV origination, making it ideal for institutional cable systems
- Front panel DIP switch-controlled phase-locked loop for solid drift-free output on any channel
- SAW filtered for superior adjacent channel performance enables drop-in channel expansion
- Front panel test point for easy RF level system monitoring
- Composite audio-video IF loop provides compatibility with encoders, ghost cancelers and video-override applications
- IRC and HRC offsets available allow for easy frequency settings in systems using offset channels
- Double heterodyne conversion provides superior spurious harmonic output suppression
- BTSC stereo compatible pre-emphasis disable switch provides pass-through for stereo signals
- UL Approved



Rear View



Front View

## SPECIFICATIONS

Output Frequency Range	5~550MHz
Tuning	Agile
RF Output Level (min) (PFAM550SUB)	60dBmV
RF Output Level (min) (PFAM550)	57dBmV
Carrier to Noise (In-band)	64dB
Carrier to Noise (Out of band)	66dB
Spurious Output	>65dB
Composite IF Output Level	30dBmV
Video Frequency Response	±1.5dB
Video Signal to Noise	53dB
Audio Input Type	Monaural/MTS Baseband
Audio Frequency Response	50~15,000Hz
Video Input Connection	75Ω F-Female
Audio Input Connection	5KΩ F-Female Unbalanced
RF Output Connection	75Ω F-Female
Voltage Input (PFAM550SUB)	90-240VAC
Voltage Input (PFAM550)	115~240VAC
Power Output Receptacle	Yes
Dimensions	19" (L) x 12" (D) x 1.75" (H)
Weight	8.5 lbs.

## Ordering Information

<b>PFAM550SUB</b>	550MHz Sub-Band Extended Agile A/V Modulator
<b>PFAM550</b>	550MHz Agile A/V Modulator