

## TAMM-860 Mini Agile Modulator

The TAMM-860 is an agile analog NTSC modulator designed for use in TV signal distribution. It will modulate an AV signal onto NTSC analog channel between 54 MHz (CH 2) and 860 MHz (CH 135).

The TAMM-860 is a Mini Mod type device that fits in all of the various Mini Mod chassis like the Toner TMMRC-12 and is powered by the associated Power Supply like the TMMPS. The TAMM-860 only uses one module space meaning the chassis can hold up to 12 units.



### RF

Frequency Range:	NTSC 54 to 860 MHz
Output Level:	+45dBmV min
Output Level Range:	15 dB min continuously adjustable
A/V Ratio:	15 dB / 20 dB selectable ( $\pm 2$ dB)
Frequency Stability:	$\pm 5$ KHz
Inter-carrier Frequency:	NTSC: 4.5 MHz $\pm 5$ KHz
Spurious Outputs:	-60 dBc min, measured at 15 dB A/V ratio and with modulator output level +45 dBmV/+60 dBmV
C/N:	60 dB typical
Output Impedance:	75 Ohms
Connector:	F-Female

### VIDEO

Input Level:	1.0 Vp-p, for 87.5% modulation, adjustable with front panel control
Input Impedance:	75 Ohms
Frequency Response:	$\pm 1$ dB
S/N:	60 dB typical

### AUDIO

Input Level for 25 KHz:	140 mV rms, adjustable with front panel control
Peak Deviation	
Input Impedance:	Greater than 10 K Ohms, unbalanced
Frequency Response:	$\pm 1$ dB (40 KHz to 15 KHz)
Pre-emphasis:	75 Micron Sec