

IP-NET™

RAMS 860 M - Agile Audio Video Modulator

Model

RAMS-860



Description:

RAMS 860 M is a PLL synthesized, SAW filtered, frequency agile modulator. It offers 133 TV channels at an output of 60dBmV. This exceptional unit is manufactured and tested to the highest standards and complies with all FCC requirements. **RAMS 860 M** covers all cable channels from 2 through 134 (54-860MHz) including A-5 to A-1 and HRC. Channel selection is accomplished with "user friendly" up/down controls on the front panel. The selected channel is then automatically locked into memory to insure correct operation after a power failure. For flexibility in operation the **RAMS 860 M** has three IF loops. These can be used where control of video, sound, or composite signals are necessary such as scrambling, and /or emergency alert insertion. A 4.5MHz audio carrier input is supplied for microwave or external stereo. An optional internal stereo encoder is available.

Features:

- +60dBmV RF output level
- Microprocessor Up/Down button to select output channel in the range of 2 to 134 (54-860MHz) including A-5 to A-1 (95 to 99)
- FCC offset externally selectable, 0kHz, +12.5kHz or +25kHz
- >-60dB spurious performance at a video output level of 60dBmV
- Professional grade SAW vestigial sideband filter for true adjacent channel operation
- Three loop-through connections for separate video, audio or composite IF control
- 4.5MHz audio carrier Input for microwave or external stereo
- HRC available
- 3 year warranty
- Also available in all PAL configurations

Specifications:

RF SECTION:

Output Channels:	UP/DOWN Selectable 2 Through 134 and A-5 to A-1.
Output Level:	+60dB Range
Output Level:	Adjustment 20dB Range
Spurious Output:	At least 60dB Below Video Carrier (@ +60dBmV Output With Aural Carrier 15dB Down)
Broadband Noise:	80dB below Video Carrier (@ +60dBmV Output)
Frequency Stability:	±5kHz Maximum (±3kHz typical)
Vestigial Sideband Response:	-20dB at IF Channel Edge; -60dB at Adjacent Video and Aural Carrier Frequencies and Frequencies Further Removed