



High Bandwidth Agile Modulator

Product Specifications

Description

The Multicom MUL-AMOD860-K is a commercial-grade, SAW filtered, frequency agile analog modulator that offers the same high quality as fixed analog modulators but with the freedom and flexibility of changing the output channel from CH 2 through 135. It provides system operators the engineering ease and flexibility required with new headend deployments, upgrades, and system maintenance.

The modulator is used to convert a single composite AV input from any of a variety of sources into an RF output. The Multicom MUL-AMOD860-K is flexible, user friendly, and is easy to use for both Residential and Commercial applications. The engineers behind the technology of this Modulator made sure that the design will perform with long term stable operation, reliability, and high quality video output.

The Multicom MUL-AMOD860-K can be used for composite Audio/Video sources such as Satellite Receivers, Off-Air Antenna Signals, DVD players, Digital Signage Media Players, Security Cameras, computers, and more. Plug in the composite video and audio source and select the output channel desired.



Key Features

- SAW filtered for maintenance/interference-free adjacent channel placement
- 55dBmV RF output level, typical
- Phase lock loop frequency control
- Non-volatile memory maintains channel selection in event of power loss
- Three-digit blue LED display and controls for convenient monitoring and operation
- Switching power supply for installation flexibility and precise voltage regulation
- The MUL-AMOD860-K is designed to fit in a standard 19" rack

	Parameter	Specification
Audio/Video Input	Video Connector	Yellow RCA
	Video Input Level	0.6-1.5Vp-p (87.5% Modulation)
	Video C/N	≥55dB
	Audio Connector	White RCA
	Audio Input Level	0.8Vp-p (25KHz Peak Deviation)
RF	Connector	'F' Female
	Frequency Range	54 – 860 MHz (Select Ch2 to Ch135)
	Channel Type	CATV
	Output Level	55dBmV Typical (adjustable)
	Test Point	-20 dB (±3dB)
	A / V Ratio	-11 ~ -18 dB (adjustable)
	Frequency Stability	± 10KHz
	Impedence	75 Ohms
General	Power Supply	110 ~ 220 VAC
	Power Consumption	10 Watts
	Operating Temperature	0 ~ 45°C
	Storage Temperature	-20 ~ 70°C
	Humidity	<95%
	Dimensions	19" x 1.75" x 6.6"
	Weight	1.7 Kgs

MUL-AMOD860-K

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