

Digital RF Modulators

CVT 1stereo-II

MTS STEREO audio, digital circuitry, versatility, and power at an affordable price. Channel Vision's CVT 1stereo model accepts one audio/ video input for modulation on the channel of your choice. A full 30+dB output provides a powerful signal for long cable runs. Includes an external impedance matching switch for loop through stereo audio. PLL crystal controlled oscillator circuitry means set-up is quick and easy. Just select the TV band, then use the push buttons to choose an unoccupied channel on your TV set. UHF 14-78, Ultraband 59-135 or split band 14-39 and 91-135.

Features:

- MTS Stereo
- Full 30+dBmV output
- PLL Digital Circuitry
- Video Level Adjustment
- Ultraband (59-135) and UHF (14-78) (Excluding 95-99)
- External 75 ohm/1K ohm Switch
- Stereo Output Loop Connections Built In
- Non Volatile Channel Memory
- Push Button Channel Selector
- 3 Digit LED Display



Specifications:

RF Modulator	PLL Synthesized Oscillator	Spurious Output Rejection	
Video	NTSC	Outside Carrier	+12MHz Greater than 70dB
Audio	MTS Stereo	Inside Carrier	+12MHz Greater than 55dB
RF Carriers		Isolation	Greater than 70dB
Frequency Stability	+1KHz	Inputs	
Frequency Ranges	UHF 471.25-855.25MHz	Video	0.4V-2.7V Peak to Peak adjustable
Channels	Ultraband 433.25-859.25MHz	Audio	1V RMS
Channel Width	UHF 14-78, Ultraband 59-135	Connectors	
Audio Offset	6.0MHz	Video Inputs	RCA Female
Sidebands	4.5MHz	Audio Inputs	RCA Female(stereo loop thru)
RF Output	Double	RF Output	F type female
Maximum	35dBmV	Signal Combiner	Supplied with unit
Gain Range	20dBmV Adjustable Attenuator	Operating Temps	0C to 50C
Video Output	1V Peak to Peak	Transformer Input	
Audio Output	1V RMS	Input Voltage	115 VAC, 50/60Hz
Video Performance		Power	8 Watts
Differential Gain	Less than 2% (0.2dB)	Output Voltage	26.0 VAC C/T @ 400mA
Differential Phase	Less than 3 degree	Exterior	ABS resin fiber - black
Signal/Noise Ratio	Greater than 52dB	Display	3 digit channel display
		Channel Selector	Up/Down selector buttons
		Dimensions:	9" x 6" x 2.8"



CHANNEL VISION™

234 FISCHER AVENUE • COSTA MESA, CA 92626
(714) 424-6500 • (800) 840-0288 • (714) 424-6510 fax
www.channelvision.com • email: sales@channelvision.com