

Digital RF Modulators

CVT 1ub/uhf-II

Digital quality, versatility, and power at an affordable price. Channel Vision's CVT1ub/uhf-II model accepts one video input for modulation on the channel of your choice. PLL crystal controlled oscillator circuitry means set-up is quick and easy. Simply select the TV frequency band via dip switches for UHF 14-78, Ultraband 59-135 or split band 14-39 and 91-135. The input includes an external impedance matching switch for true stereo audio. A full 30+ dB output provides a powerful signal for long cable runs. Just select the TV band, then use the push buttons to choose an unoccupied

Features:

- Full 30+dBmV Output
- PLL Digital Circuitry
- Video Input Level Adjustment
- Widest Channel Range -
UHF 14-78 Cable 59-135 (Excluding 95-99)
- Impedance Matching Switch
(75 or 1K ohm)
- Easy Channel Set-Up
- Digital Channel Display
- 5 Year Warranty



Specifications:

RF Modulator	PLL Synthesized Oscillator	Spurious Output Rejection	
Video	NTSC	Outside Carrier	+12MHz Greater than 70dB
Audio	L&R Monaural/Stereo loop opt.	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 adj.
Channels	Ultraband 433.25-859.25MHz	Audio	1V RMS
Channel Width	UHF 14-78, Ultraband 59-135(Excl 95-99)	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	0~20dBmV Adjustable Attenuator	Insertation Loss	3.5dB
Video Output	1V Peak to Peak	Bandwidth	5-1000MHz
Audio Output	1V RMS	Transformer Input	
Video Performance		Input Voltage	115 VAC, 50/60Hz
Differential Gain	Less than 2% (0.2dB)	Power	8 Watts
Differential Phase	Less than 3 degree	Output Voltage	26.0 VAC C/T @ 400mA
Operating Temps	0°C to 50°C	Exterior	ABS resin fiber - black
		Display	3 digit channel display
		Channel Selector	Up/Down selector buttons
		Dimensions:	9" x 6" x 2.8"



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