

PM-330 SAW FILTER MODULATOR (NTSC, PAL-B & PAL-D AVAILABLE)



SPECIFICATIONS

RF

Output Frequency.....	NTSC : Ch 2~13,A-W,AA-ZZ
Range	PAL-B : Ch E2~E12,S1~S41,21~31
	PAL-D : Ch DS1~DS12,Z1~Z37, 13~23
Output Level.....	PM-330 50dBmV
Output Level Range	20dB, continuously Adjustable
Spurious Harmonics.....	≥60dB below Video Carrier
Video/Audio Carrier	-9 ~ -30dB continuously Adjustable
Ratio	
Frequency Accuracy/.....	±10KHz Standard Channels,±3KHz
Stability	FCC 21006 offsets
RF Output Return Loss.....	16dB Min.

IF

Output Level	28dBmV (Video Carrier)
Video IF Carrier.....	NTSC : 45.75MHz
Frequency	PAL-B : 38.9MHz
	PAL-D : 38MHz
Audio IF Carrier.....	NTSC : 41.25MHz
Frequency.....	PAL-B : 33.4MHz
	PAL-D : 31.5MHz
Output Return Loss	16dB
Input Return Loss.....	12dB

Video

Input Level.....	1.0Vp-p for 87.5% Mod.
Input Return Loss.....	18dB
Video S/N Ratio.....	60dB
Video C/N Ratio.....	60dB
Differential Gain.....	0.2dB for 87.5% Mod.
Differential Phase.....	1° for 87.5% Mod.

Audio

Input Impedance.....	10KΩUnbalanced
Input Level.....	140mVp-p for ± 25KHz Dev.
Audio Frequency.....	NTSC : 4.5MHz ±1KHz above Video
	PAL-B : 5.5MHz ±1KHz above Video
	PAL-D : 6.5MHz ±1KHz above Video
Overmodulation LED.....	25KHz ± 2KHz
Indicator	

FEATURES

- Front Panel Control, Easy to Operate
- High Output Level, Low Spurious
- Adjacent Channel Capability
- PLL Synthesized Channel Control
- With SAW Filter for Accurate Side Band Response and High Adjacent Rejection
- Spurious Harmonics 60dB down
- Low Out-of Band Noise for Multiple Modulator Installation
- Video Modulation and Audio Deviation Level Adjustable
- Overmodulation Indicator
- Sound Carrier Level Adjustable
- Field Defeatable Audio Pre-emphasis for BTSC Stereo/Mono Baseband Inputs
- High VSB Attenuation
- External IF Loop-Through Capable to Any Scrambling
- Meets F.C.C. Offset and Accuracy Requirement
- Built-in Power Supply for Easy Installation
- 19" EIA Rack Mountable

Pre-emphasis.....	NTSC: 75µs
	PAL-B: 50µs
	PAL-D: 50µs
Audio Frequency.....	± 1dB
Response	

General

Power Requirement.....	90~260V AC Switching 50 / 60Hz
Temperature Range.....	0° ~ 50°C
Rear Panel.....	RCA Type : Audio In
Connectors.....	F-Type : Video In, RF Out, IF In, IF Out
Dimensions.....	19"(L)X9-1/2"(W)X1-3/4"(H)
Weight.....	6 lbs
Packing.....	1 set/Inner Box
	5 Sets/ Carton/17Kgs/3.3cuft