

TV MODULATION OF MD-500 AGILE MODULATOR



The MD-500 Video Modulator is a professional quality modular headend system designed to optimize rack space. The MD-500 is a high quality programmable channel heterodyne audio/video modulator. One to twelve modulators can be mounted in the same amount of rack space typically required for two standard size units. Ideally suited for private cable, hotels and motels, institutional, and SMATV applications, the MD-500 accepts video and audio baseband signals from a satellite receiver, TV camera, videotape recorder, TV demodulator, or similar signal sources.

MD-500 AGILE MODULATOR

Specification

- 1、 Digital LED Channel Display。
- 2、 Video Signal: NTSC (Available in four standards, NTSC, PAL B/G, PAL I, and PAL D)。
- 3、 Video Input: 1.0Vp-p.for87.5% modulation。
- 4、 Audio Input: Pre-emphasis 75us 。
- 5、 Channel Frequency Range: Channel adjustable。
TYPE A- CH 2~CH 6 (55.25~83.25MHZ)
 CH A5~CH A1 (91.25~115.25MHZ)
 B- CH A~CH 13 (121.25~211.25MHZ)
 C- CH 23~CH 52 (217.25~391.25MHZ)
 D- CH 53~CH 87 (397.25~601.25MHZ)
 E- CH 88~CH 125 (607.25~799.25MHZ)
- 6、 RF Output strength: 100 dbuv。
- 7、 Connector: One Audio input, one Video input , one -20 db Test Point, One RF OUT , ALL Standard "F" Female connector 。
- 8、 Rf Level, Audio Deviation, Aural Carrier(Software),Video Modulation Adjustable, Video Gain Adjustable(Software), Channel Lock , Test Pattern Generator 。
- 9、 Frequency Stability: ± 5 KHZ。
- 10、 Output Gain Control Range: 0 ~ 20 db。
- 11、 Video/Aural Carrier Level Ratio(Output Aural): -11db~-14dB。
- 12、 Signal To noise Ratio: 60db。
- 13、 Video modulation: 87.5% Adjustable。
- 14、 Full channel memory during power interruptions。
- 15、 Power Requirements: DC12V / 500mA。
- 16、 Power Consumption: 1.5 Watts。
- 17、 19" rackmount cage holds 12 modulators。