

All New Pico Macom 4 Channel Digital Off Air Demodulator



PMD-4

Quad 8VSB/QAM HDTV Digital Demodulator

- Decodes 8VSB, QAM 64 and 256 (Annex B) digital RF signals in frequency Range 54 to 860 MHz
- ATSC A.54 Compliant
- Supports EIA-608 closed caption
- High density design with 4 independent decoders and micro-controller in 1RU chassis
- Front panel status LED indicates 8VSB/QAM status and RF input signal lock
- Easy set-up and configuration via front panel LCD display
- Decodes any of the 18 ATSC video formats
- Supports HRC and IRC offset formats
- Features 4 F-connector video outputs, 8 left and right stereo audio outputs, and 4 F-connector RF inputs provided at the back panel

The PMD-4 is a digital off air demodulator that accepts four individual digital RF inputs and demodulates each of the inputs to a baseband video with left and right audio outputs. This unit is perfect for converting digital off air channels to a baseband signal enabling the signal to be remodulated into an analog headend system with an analog modulator. This unit is ATSC A.54 compliant and supports EIA-608 closed captioning. A front panel status LED and front panel Controls make this unit simple to set up and maintain. The 1 Rack Unit (RU) 1.75" high chassis fits neatly into a standard 19" equipment rack.

Specifications

Input Frequency Range 54 to 860MHz

INPUT 8VSB MODE

Channel Range VHF 2-13, UHF 14-69 (54 TO 860MHz)
 Data Rate: 64, 256 QAM 19.392Mbps
 Input AGC Range -83 to -5dBm

INPUT QAM MODE

Channel Range CATV 2-135 (54 TO 860 MHz)
 Data Rate: 64 & 256 QAM 26.9, 38.8 Mbps

VIDEO OUTPUT

Output Level 1vp-p

VIDEO FORMAT

480i
 Frequency Range DC to 4.2 MHz
 Video Flatness Level ± 0.5 dB
 Impedance 75 Ω

AUDIO OUTPUT

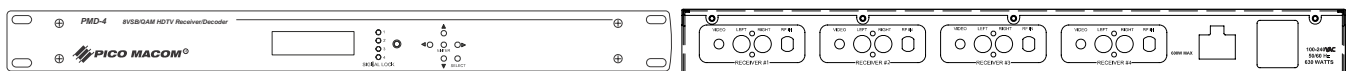
Output Level 1vp-p
 Frequency Range 50Hz to 15KHz
 De-Emphasis 75 μ s

GENERAL

Input AC Voltage 110 to 240VAC, Switching
 Operating Temperature 0° to 50°c
 Dimensions 19"(W) x 11"(H) x 1.75"(D)
 Weight 9.5 lbs.

Ordering Information

PMD-4 Quad 8VSB/QAM HDTV Receiver/Decoder



North American Cable Equipment Inc. (800) 688-9282 Fax: (800) 230-1793
email: sales@northamericancable.com web: www.cabletronix.com www.northamericancable.com