MPD ATSC/8VSB/QAM Demodulator

**MPD-CPS**

- Frequency range 54 to 860MHz
- Decodes HD/SD ATSC/8VSB, and unscripted QAM 64 and 256 (ANNEX B) digital RF signals
- SAP (English, French, Spanish) and support closed caption (EIA-608)
- High Density design, up to 10 MPD modules in 2 RU
- Stereo output
- Front panel indicator LED to monitor input 8VSB or QAM signal lock
- Easily configured power controller allows individual channel mapping and automatic scanning of individual modules
- Convenient front panel channel selection for channel and demodulation mode settings
- Decodes all 18 ATSC video formats
- Supports IRC and HRC offsets
- One F-connecter video output and two stereo RCA left and right audio outputs provided at the back of the unit
- Nonvolatile memory for easy channel recall in the event of power failure

**MPD**

**Specifications**

**Input - QAM**

- **Mode**: 64 & 256 QAM Annex B
- **Data Rate**: 26.9 Mbps QAM 64
- **Input Connector**: 75Ω F-Female
- **Frequency Range**: 54 to 860MHz
- **Channel Range**: Ch. 2 - 135
- **Input AGC Range**: -35 to 30dBmV
- **Impedance**: 75Ω
- **Input Connector**: F-Female

**Input - 8VSB**

- **Frequency Range**: 54 to 860MHz
- **Channel Range**: VHF Ch. 2 - 13, UHF 14 - 69
- **Data Rate**: 19.4 Mbps
- **Input AGC Range**: -35 to 30dBmV
- **Modulation**: 8VSB
- **Impedance**: 75Ω
- **Input Connector**: F-Female

**Output - Video NTSC**

- **Frequency Range**: DC to 4.2MHz
- **Output Level**: 1 V p-p
- **Impedance**: 75Ω
- **Video Format**: 480i NTSC
- **Aspect Ratio**: 4:3, 16:9 (PAN, SCAN)

**Output - Analog Stereo Audio**

- **Audio Level**: 1 V p-p
- **Audio Control**: Adjustable
- **Frequency Range**: 50Hz to 19kHz
- **Connectors**: RCA, left and right

**General**

- **DC Input Voltage**: 5 and 12Vdc
- **MPD Power**: 5Vdc @ 300mA
- **Output**: +5Vdc, 4.5A max.; +12Vdc, 3.0A max.
- **Dimensions**: 1.025" (W) x 3.465" (H) x 8.70” (D)
- **Weight**: 0.8 lbs.

**Ordering Information**

- **MPD**: ATSC/8VSB/QAM Demodulator
- **MPD-CPS**: Power Supply/Controller
- **MPC-12C**: Mini-Mod Chassis
- **MOR-CS**: Headend Cooling System

**Contact Information**

Order From: Multicom
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