



MPD

ATSC/8VSB/QAM Demodulator

Features

- Frequency range 54 to 860MHz
- Decodes HD/SD ATSC/8VSB, and uncripted 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-connector 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



MPD-CPS

Specifications

INPUT - QAM

Mode	64 & 256 QAM Annex B
Data Rate	26.9 Mbps QAM 64 38.8 Mbps QAM 256
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 806MHz
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 12Vdc @ 200mA
Dimensions	1.025" (W) x 3.465" (H) x 8.70" (D)
Weight	0.8 lbs.

MPD-CPS

Input	100-240Vac, 50/60Hz, 2.0A max.
Output	+5Vdc, 4.5A max.; +12Vdc, 3.0A max.
Dimensions	6.2" (W) x 9.05" (D) x 3.47" (H)
Weight	4 lbs.

Ordering Information

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