



## ***Description***

The Maxcom MX/MPEG-2D is a professional broadcast quality decoder based on MPEG-2 and DVB standards, which can receive TS stream with the packet length of 204/108 and select one of the programs for decoding. The decoder has sufficient input and output interface and several optional work modes. Its excellent compatibility makes it flexible to connect with all kinds of encoders and multiplexers. The MX/MPEG-2D will work for many applications, including: Fixed and Mobile Contribution / Distribution, Cable TV head-ends, MMDS/MUDS, Business TV, Private Networks, Distance Learning.

## ***Features***

- 4:2:2 MP@ML, 4:2:0 MP@ML
- Configured and controlled through front panel, terminal and remote control unit
- VBI for Re-Insertion in Composite and SDI
- Redundancy support, GPI
- SDI, AES/EBU output (option)
- IP input (option)
- Dolby Digital (AC-3) LT/RT Down mixing (option)
- Dolby Digital (AC-3) Pass-Through (option)
- Linear PCM an Dolby-E Pass-Through (option)

## Specifications



### Video Decoding

Standard	MPEG-2 4:2:2MP@ML; MPEG-2 4:2:0MP@ML
Analog Output	2 × CVBS; S-video (optional)
Digital Output	2 × SDI (optional)
Video Format	NTSC/PAL
Chroma Mode	4:2:2 or 4:2:0
Aspect Ratio	4:3

### Audio Decoding

Standard	MPEG-1 Layer I/II
Analog Outputs	1 × Analog Stereo, Balance Second Analog Stereo (optional)
	2 × AES/EBU (optional)
Decoding Rate	Up to 384Kbps
Sampling Frequency	32KHz, 44.1KHz, 48KHz
Supports Dolby Digital Decoding	(optional)

### TS Input

IP input (optional)	IP: 1 × 10/100 Base-T Ethernet IP multicast or unicast stream Transport over TCP/UDP/reliable UDP
DVB-ASI with Loop-through	Up to 160Mbps
DS3/E3 with Loop through (optional)	4 × E1 (optional)

### Control and Monitoring

Local	6 button keys LCD
Remote	Ethernet (TCP/IP); SNMP Agent
Software upgrade	Ethernet (TCP/IP)

### Physical and Power

Dimensions	1RU (19"rack) 4.4 × 48.3 × 53cm; 75" × 19" × 21"
	Weight: 4.5Kg / 9Lbs
Power	Voltage 80 ~ 150V or 180 ~ 250V -48V DC (optional); Power consumption: 50W Max