

MPR-2R

Dual DVB-S/S2 Broadcast Receiver and Decoder



The TeleDelta MPR-2R is a broadcast grade rack-mount receiver and decoder for Television, Radio and Remote location broadcast applications.,

The MPR-2R offers a rich input / output and functional feature set including DVB-S/S2, optional DVB-T/T2, DVB-C Input Tuners and on-board IP / ASI inputs connections on each receiver.

Digital and Analog Video (SDI/ HDMI) and Multi-Stereo audio outputs (2x independent stereo outputs) are available per frame - The MPR-2R supports Dolby Digital and AC3 audio decoding . The dual DVB-S/S2 Tuners support BISS encryption formats.

Remote IP and Front panel LCD and content confidence monitor provide both onsite and remote system management and control-ability.

MPR-2R Series Key Features

- 1RU Rack-mount Receiver
- Dual DVB-S/S2 Tuner Inputs
- Optioned DVB-T/T2/ C Inputs
- IP (Multi-cast UDP) an ASI Inputs / Outputs
- MPEG-2 / H.264 Decoding and Output
- 2x Separate (2x Stereo) Audio outputs
- Dolby Digital AC3 decoding and output
- Remote IP and Front-Panel Management
- BISS CAM decryption supported
- Digital Outputs - SDI / HDMI
- Analog Outputs YPbPr / CVBS
- UDP and RTP/RTSPS IP outputs

Common Applications

- Television and Radio Distribution
- Radio Rebroadcast
- SNG truck monitoring
- Pay-TV coverage
- Remote area communities
- Mining / resource camps

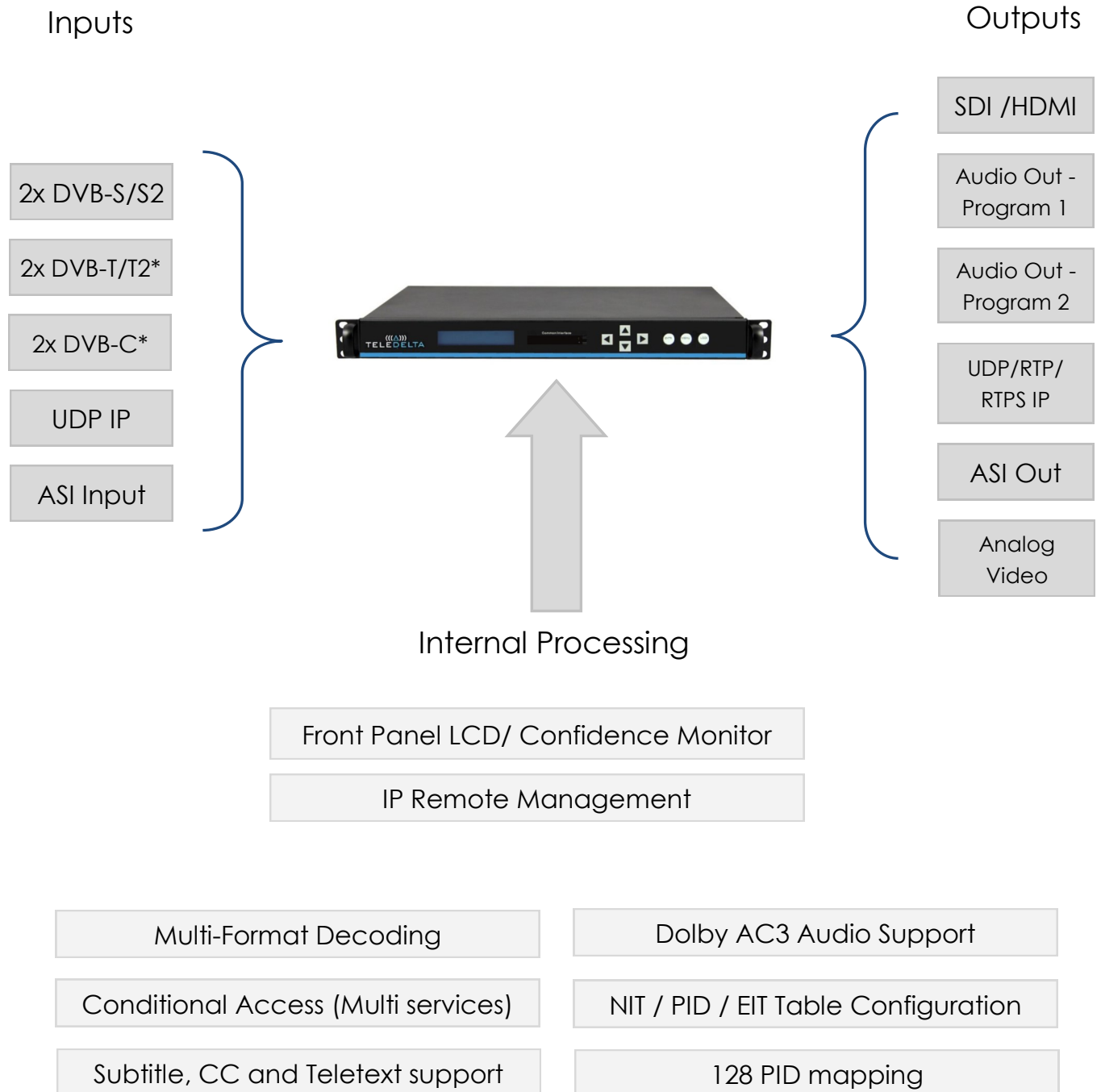
Control and Management

The TeleDelta MPR's built-in network web management offers control and monitoring functionality from remote locations, front panel LCD and control interface allows for onsite adjustments and configuration. users can manage and configure all parameters independently or as a full system via both management interfaces. Supporting IP Management, the TeleDelta MPR series can be customised for different Broadcast and re-distribution applications



MPR SERIES

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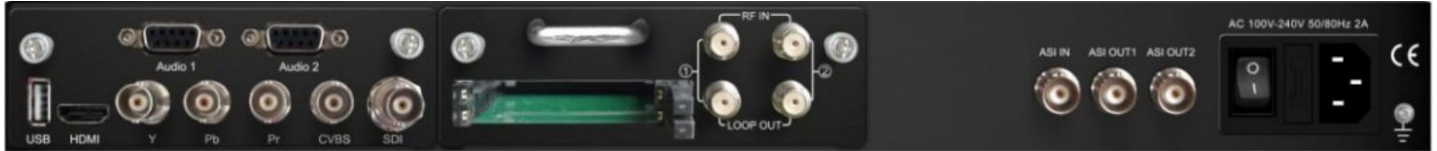
For more information please contact your local distributor or sales@teledelta.com



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MPR-2R Specifications



DVB-S/S2 Satellite Receiver Module	
Inputs	2x RF Inputs, 75ohm
Frequency Range	950-2150 MHz
Constellation	QPSK, 8PSK
DVB-S2	1 ~ 31.5Mps (QPSK 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10) (8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10)
Signal Level	(-65dBm) ~ (-25dBm)
Acquisition Range	+/- 5MHz
Tuner Step Size	100 KHz
Return Loss	>10 dB
Vertical:	11.5V~14.0V
Horizontal:	16.0V~19.0V
22K Switch	On/off

DVB-CI Module	
Connector	2x Independent CI Slots
CA Module	Multicrypt/ Simulcrypt, Hot Plug
BISS Mode	Mode 1, Mode E - Up to 120Mbps

IP / ASI Input	
IP Format	UDP Multi-cast Input (CA decoding)
ASI	120Mbps Carrier (CA decoding)

Video / Audio Output	
Video Decoding	MPEG-2 / MPEG 4, 1080P, 1080I, 720P, 576,
Video Format	PAL, PAL-M/N
Video Output Connectors	3G/HD/SD-SDI (BNC) HD/SDHDMI, YPbPr, CVBS
Audio Output Modes	Left, Right, Stereo, 5.1 CH
Audio Decoding	MPEG 1 Layer II, LC-AAC, HE-AAC, Dolby Digital AC3,
Audio Output Connectors	SDI/HDMI, 2x DB9 to BNC Male Leads (stereo)

IP / ASI Output	
IP Output Format	UDP Multicast 1x MPTS or 8x SPTS streams, RTP / RTPS
ASI	2x BNC Outputs - Mirrored from IP stream

Management and Monitoring	
IP	Web-based IP Management
Front Panel	LCD, Alarming, Button Control + 30mm Confidence Monitor

