

TeleDelta AD1206

AES/Analog 6-Channel Audio DVB Decoder - ASI/IP/E1



The TeleDelta AD1206 (Decoder) and AE1206 (Encoder) is a 1RU Rack-mount Broadcast encoder and decoder platform for AES / Analog audio distribution over DVB networks. Able to support up to 6x Pairs (12 single channels) of audio distribution, Operators can configure the AE / AD1206 hardware to support either AES, Analog or both formats.

Internally the AE/AD platforms support MPEG-2 DVB standards for existing DVB-T, ASI, E1 and IP network content delivery. Users can operate the AE /AD1206 hardware simultaneously in the ASI and IP domains.

The AE/AD1206 hardware is controllable remotely from the Integrated web-browser platform allowing remote management and supervisor control

Common Applications

- Radio Broadcast Distribution
- DVB Audio Ingest
- DVB Audio Monitoring
- IP Audio Linking
- ASI / E1 Content distribution
- Television Network Audi Delivery

AD1206 Key Points

- Fully conforms to MPEG-2/DVB standard
- Broadcasting-grade audio standards
- Decode and multiplex 12 single channels (or 6 analog stereo audio) or 6 channels of digital AES/EBU audio signals per 1RU chassis
- Adjustable bit-rate per channel (between 400Kbps and 15Mbps) and system output bit-rate is selectable
- Automatically generates PSI/SI information table (PAT, PMT, SDT, NIT, TDT, EIT etc)
- High performance RS error-correcting coding
- Supports two channel ASI output
- AC and DC dual power supply are available
- Front panel and web-based management/control

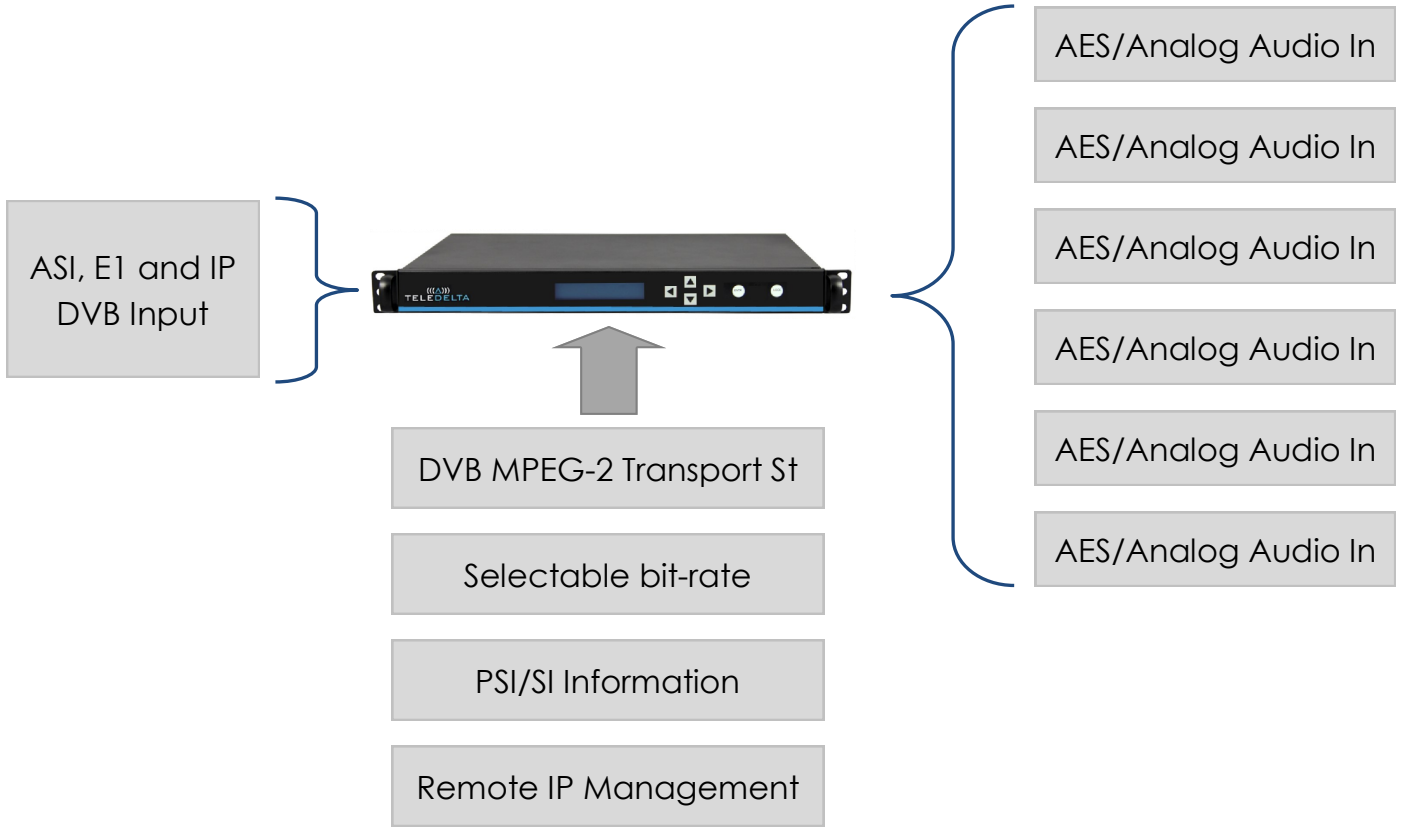
For more information please contact your local distributor or sales@teledelta.com



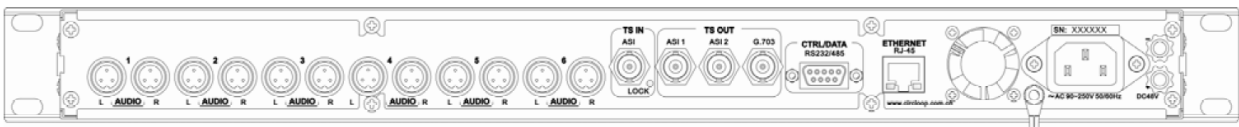
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Inputs

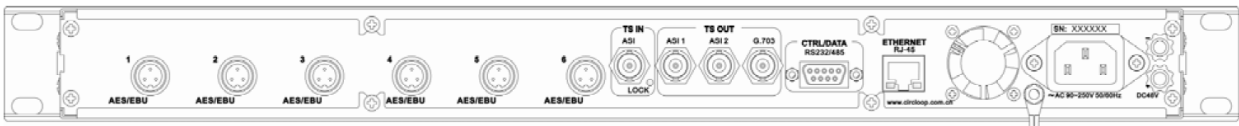
Outputs



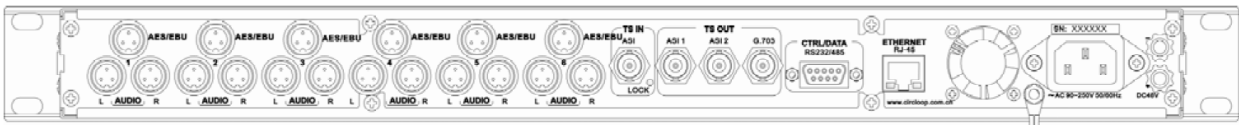
Below: AD1206-6ANA



Below: AD1206-6AES



Below: AD1206-6ADA



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Outputs	
Outputs Options	AES / Analog or both
Mode	Stereo, Dual Stereo, Mono, Dual-Channel
Connector (Analog)	6-Channel Analog, Stereo, XLR Connector bal/unbal
Connector Digital	6-Channel AES/EBU, XLR (Euro-block Optional)
Audio Encoding	MPE-1, Layer 2
Bitrate (Selectable)	32, 64, 128, 192, 256, 384Kbps
Audio Sampling Rate	33, 44.1 or 48KHz
Frequency Response	20Hz ` 20Khz, (0.3dB gain difference)

Input	
ASI Input	2x BNC (75Ohm)
G.703	1x E1/T1 Output (BNC 75Ohm)
IP	1x IP Output (R45)

General	
Dimensions	480x330x45mm
Weight	6kg
Power	100~240V (50.60Hz)
Control (Front Panel)	LED Monitor (Monition)
Control (Remote)	IP Web-Management

Ordering Options

Part No.	Ordering Suffix	Description
Frames:		
AE1206	AE1206	1RU Encoder, DVB (standards) - ASI, E1 and IP Output
Ad1206	AD1206	1RU Decoder, DVB (standards) - ASI, E1 and IP Input
Modules:		
6ANA	6ANA	6x Analog Inputs or Outputs (AE vs AD1206)
6AES	6AES	6x AES Inputs or Outputs (AE vs AD1206)
6ADA	6ADA	6x AES and Analog Inputs or Outputs (AE vs AD1206)

Ordering Examples:

AE1206-6AES: AE1206 Encoder with 6x AES/EBU Inputs

AD1206-6ADA: AD1206 Decoder with 6x AES/EBU + Analog Outputs

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