

TeleDelta AE1206

6 Channel Multichannel Audio Encoder



The TeleDelta AE1206 is a high quality broadcasting-grade multi-channel audio encoder based on MPEG-2/DVB standard. It can simultaneously encode and multiplex up to 12x single channel (or 6 dual-channel) audio signals and output as TS ASI and IP. The input audio interface supports analog input, AES/EBU input.

Management and control is via a web browser.

Optional Decoder - TeleDelta AD1206

AE1206 Key Features

- Fully conforms to MPEG-2/DVB standard
- Broadcasting-grade audio standards
- Encode 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

Common Applications

- IPTV / DVB-T Networks
- Broadcast Facility Play-out
- Live / Streaming Platforms

Control and Management

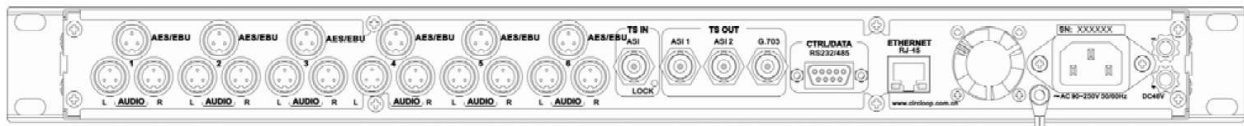
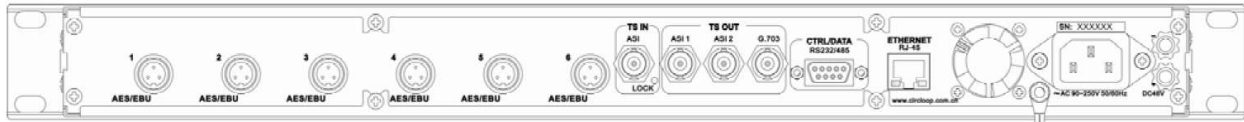
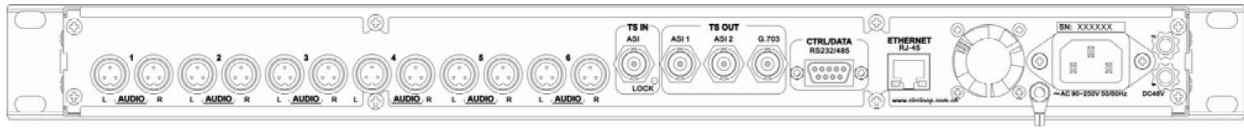
The TeleDelta AE1206 built-in network management offers automated control and monitoring functionality. .

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



TeleDelta AE1206 SERIES

Technical Specifications



Technical parameters	
Audio mode:	stereo, joint stereo, mono-channel, dual channel
Signal input:	analog balance/unbalance AES/EBU balance/unbalanced (optional)
Encoding format:	MPEG-1, Layer 1/Layer 2, CD quality
Bit rate:	32Kbps, 64Kbps, 128Kbps, 192Kbps, 256Kbps, 384Kbps
Sample rate:	32KHz, 44.1KHz, 48KHz
Amplitude frequency response:	20Hz~20KHz gain inequality<0.3dB
Harmonic distortion	<0.01%
Un-weighted SNR	≥76dB
Level difference between L and R channels	<0.05dB
Analog audio input	6 channel analog stereo audio, XLR connector, balance/unbalanced
Digital audio input:	6 channel digital AES/EBU XLR connector, balance/unbalanced (Optional)
ASI interface:	1 ASI input, $V_{pp}=800$ millivolt $\pm 10\%$, BNC, Impedance 75Ω
	2 ASI output, $V_{pp}=800$ millivolt $\pm 10\%$, BNC, Impedance 75Ω
Meets EN 50083-9, Support byte mode, package mode, Support 188, 204 package length	
IP interface	1 channel IP output, RJ-45 network interface

