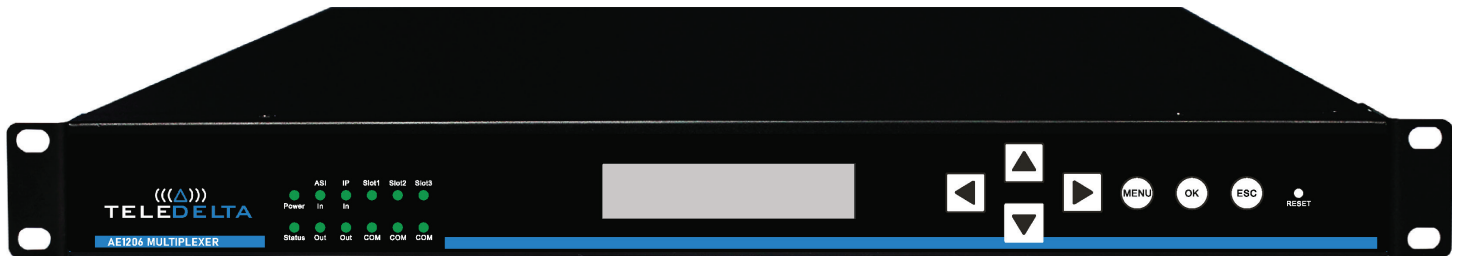


AE1206 SERIES

DVB Audio Encoder - AES/ Analog Audio Interface



Support up to 12x AES / Analog Audio Sources per 1ru chassis

The TeleDelta AE1206 Encoder is a 1RU Rack-mount broadcast encoder platform for AES Digital Audio and Stereo / Mono balanced and unbalanced Analog audio distribution over DVB networks.

Able to support up to 12x stereo or mono audio sources per chassis and multiple audio codec options (MPEG1L2, AAC, AC3) operators have flexibility and capacity for DVB audio distribution over ASI or IP networks.

The AE1206 series can be controlled via an internal web-GUI, SNMP or front panel display, and provides additional redundancy options via (optional) dual power-supplies.

Common Applications:

- Radio Broadcast Distribution
- Satellite DVB content aggregation
- DVB Audio Ingest
- IP Audio Linking
- Television Network Audio Delivery

Panel Diagram



AE1206 SERIES

DVB Audio Encoder - AES / Analog Audio Interface

Perfect for:

- Broadcasting-grade Audio Standards
- Wide Codec support MPEG1L2, AAC and AC3
- Encode and multiplex up to 12x audio sources AES Digital or Analog Sources per chassis
- Balanced, Unbalanced Analog Audio support
- Supports SI, PSI and PSIP PID Tables
- Automatically generates PSI/SI information table, EIT Processing
- PID Processing - Pass through, Remapping and Filtering
- Supports two channel ASI Inputs / Output
- Re-Mux and TS/IP Streaming Output (SPTS/MPTS)
- Single / Dual Redundant Power-supply options
- Web-GUI, SNMP and Front Panel system management

INPUTS

4,8 or 12 Audio Inputs

- ▶ Balanced / Unbalanced Analog Audio (stereo or mono) - L/R XLR
- ▶ AES Digital Audio Inputs - 75 Ohm BNC

ASI.TS Input

IP.TS Input

OUTPUT

ASI.TS output

IP.TS output
SPTS and MPTS as UDP / RTP



Web-GUI, SNMP and Front Panel Management

AE1206 SERIES

DVB Audio Encoder - AES / Analog Audio Interface

Inputs (Audio Sources)	
No. Audio Inputs	4, 8 or 12 Inputs (Model Dependent)
Input Options	AES / Analog Audio or Both
Analog Input	Balanced / Unbalanced Stereo or Mono Input
Analog Interface	XLR (Female) - 1 set (L/R) per channel
Digital Input	AES / EBU Digital Audio
Digital Interface	75ohm BNC - 1 BNC per channel
Audio Codec Support	MPEG1L2 (Standard)
Optional Audio Codecs	AAC, AC3, DRA
Audio Encoding Bitrates	64 ~ 256 Kbps (user defined)
Audio Sampling Rate	48khz
Frequency Response	20Hz ~ 20khz
Audio Level Adjustment	0 ~ 8dB
Distortion	<0.5%

Interfaces (ASI and IP)	
ASI Input	2x BNC Female (75 Ohm)
ASI Output	2x BNC Female (75 Ohm)
IP (Transport Stream)	1x Gbe 10/100/1000 RJ45
IP Protocol	.TS over UDP / RTP
Format	Unicast / Multicast Supported
MPEG .TS Support	SPTS/ MPTS

General	
User Interface (Remote)	Web-Based User Interface
User Interface SNMP	SNMP Supported
User Interface Local	Front Panel LCD and Menu Access
Dimensions	1RU Rack-mount 482x442x45mm (WxDxH)
Weight	5kg
Power Voltage Input	100~240V (50~60Hz)
Power consumption	65W (Max)
Operating Environment	0~50 C

Ordering Options

Part No.	Ordering Suffix	Description
Frames:		
AE1206	AE1206	1RU Encoder, ASI In / Out, IP Streaming, Web, SNMP Management
AE1206 (Dual Power supply)	AE1206D	1RU Encoder, Dual Power supply, ASI In / Out, IP Streaming, Web, SNMP Management
Modules:		
-4	-4	4x AES / Analog Audio Inputs, MPEG1L2 Encoding, (optional AAC, AC3)
-8	-8	8x AES / Analog Audio Inputs, MPEG1L2 Encoding, (optional AAC, AC3)
-12	-12	12x AES / Analog Audio Inputs, MPEG1L2 Encoding, (optional AAC, AC3)

Ordering Example:

AE1206-8: 1RU Encoder, ASI / IP Interfaces with 8x AES / Analog Audio Inputs

AE1206D-12: 1RU Encoder, Dual Power supplies, ASI / IP Interface with 12x AES / Analog Audio Inputs.