High capacity 16 Input Analog Audio Encoder System
Hardware encoder for converting BNC inputs to MPEG1 Layer 2 streams

ENCODE 16 INPUTS TO MPEG1 LAYER 2 AUDIO

IP & ASI Out

The Thor H-8A-ENC system is an encoder for unbalanced analog audio. The system supports 16 mono or 8 pairs of stereo audio inputs. Each channel is independently controlled with independent gain controls. Encoding is performed via the MPEG1 Layer 2 audio codec with many bit rates supported. Once the audio is encoded, the output streams are provided on both ASI and IP network stream outputs in the form of an MPTS UDP feed. Control and settings can be made either through the front panel keypad and LED display, or through a standard web browser on a dedicated NMS Ethernet port. In addition to mirrored ASI outputs, the unit can also function as a multiplexer with an independent ASI transport stream input. Contact a sales representative for more information.

Product Specifications and Information Table

Encoding Parameters	
Inputs	16 Mono or 8 Stereo Unbalanced Analog on BNC
Encoding Format	MPEG1 Layer 2
Audio Gain	-20 ~ +6 dB
Sampling Rate	48 KHz
Bit Rates	32, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320, 384 Kb/s
ASI Outputs	2x ASI Outputs on BNC (Mirrored)
IP Network Outputs	MPTS Over UDP 1000M Base-T Ethernet
Physical Parameters	
Power Input	100 - 240 VAC Auto Switching
Power Consumption	~25 W
RF Frequency Response	19 x 17 x 2 In
Operating Temperature	32 - 110 F