

## FEATURES

- Analog, Digital & AOIP inputs
- 4 Ethernet interfaces
- LED Level meters
- Silent / Fanless
- Dual encoding of input stream
- Headphone jack w/ volume control
- 2 power supplies for high availability
- Shoutcast / Icecast streaming
- Audio over IP AES-67
- Livewire, Dante, Wheatnet & Ravenna support using AES67
- RTP/IP & MPEG-TS streaming
- SNMP for monitor & control - SNMP traps for alarms
- Balanced analog & AES/EBU digital audio input on XLR connectors
- MPEG Layer II & III, MPEG-AAC, MPEG4-AAC LC/LD, MPEG4-HE-AACv1 & v2
- MISTiQ compatible



## OTHER VERSIONS

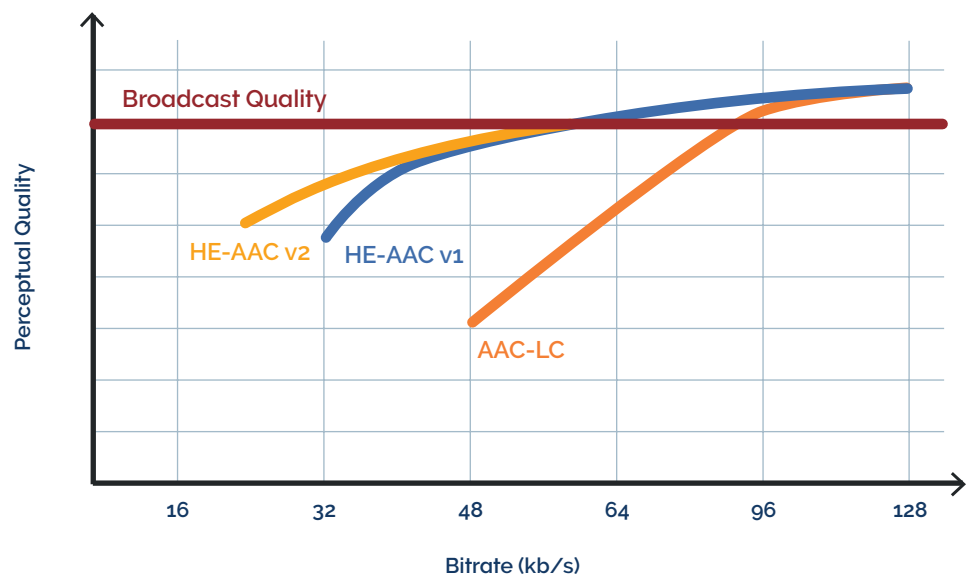
- **ENC5010-Dual:** 2x stereo / 4 mono channels. Uses I/O Extensions connector and an XLR break-out cable for second encoder inputs.
- **ENC5010-AES67:** Scalable up to 8x stereo / 16x mono via AES67 inputs compatible with Ravenna and Livewire. XLR connectors removed. Ethernet used to receive AES67 audio.

## ENC5010-SINGLE

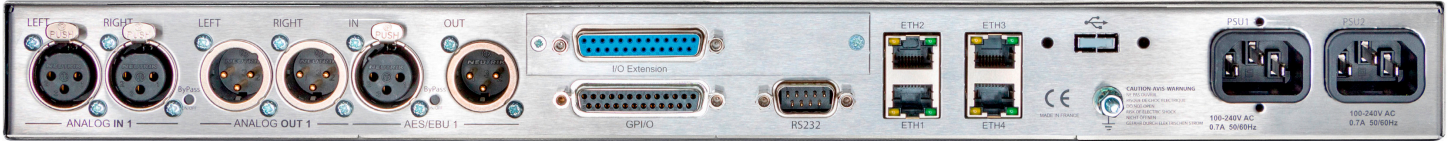
Professional Audio Encoder

**ENC5010-Single** professional audio encoder is a MPEG IP audio encoder designed for the radio broadcasting of stereo and mono audio services over IP satellite networks which is based upon XLINK by digigram. The **ENC5010-Single** is generally used over DVB satellite broadcast systems or on 2-way VSAT systems. Audio inputs are balanced analog audio, AES3 digital audio as well as AES67, Ravenna and Livewire, making it a good investment for the migration to IP audio.

The **ENC5010-Single** is fully compatible with the **MISTiQ** internet cloud distribution products. Based on a low consumption and a fanless powerful hardware platform, the **ENC5010-Single** is designed for 24x7x365 operation.



## TECHNICAL



Rear Panel View

AUDIO INPUTS	
Analog	2 x balanced on XLR connector (600Ω)
Digital	AES/EBU on female XLR connector
AOIP	AES-67 / Ravenna / Livewire
IP Streaming Type	RTP/IP / MPEG Transport Stream
MONITOR OUTPUTS	
Analog	2 x balanced on XLR connector (600Ω)
Digital	AES/EBU on female XLR connector
AOIP	AES-67 / Dante / Livewire
ETHERNET INTERFACES	
M&C	1 x 100 BaseT on RJ-45
Streaming	3 x GigE on RJ-45

CONTROL & MONITORING	
Local Control & Monitoring	Front panel keypad & LCD display
Remote Control & Monitoring	SNMP v2c
Alarm Monitoring	SNMP Traps
POWER	
Power Supply	100V-250VAC, 50/60Hz (Optional: 100-250VAC / -48VDC)
Number of power supplies	Two
Power Consumption	21W max
PHYSICAL	
Dimension	19" 1 RU 445mm×543mm×44mm
Weight	3.6 kg
Temperature / Humidity	Operating: 0°C – 50°C / 0% – 95% Storage: -5°C – 70°C / 0% – 95%
Operating Humidity	10 – 90%, non-condensed
Certifications	FCC CE

The audio codecs shown below are supported by the ENC5010. Compatible with the SFX, STAR & MAP Pro Audio receiver/decoders.

AUDIO CODEC	DESCRIPTION	SUPPORTED BITRATES
MPEG-1 L2	MPEG-1 Layer 2	64, 96, 112, 160, 192, 256, 320, 384 kb/s
MPEG-1 L3	MPEG-1 Layer 3	48, 64, 96, 128, 160, 192, 224, 256, 320 kb/s
MPEG-4 AAC-LC-ADTS	AAC-LC (ADTS) (AAC Low Complexity using Audio Data Transport Stream)*	32, 48, 64, 96, 116, 128, 160, 174, 192, 224, 233, 256, 261, 288, 290 kb/s
MPEG-4 HE-AACv1-ADTS	AAC-LC+SBR (ADTS) (AAC Low Complexity + Spectral Band Replication using ADTS)*	32, 48, 64, 80, 96, 112, 128 kb/s
MPEG-4 HE-AACv2-ADTS	AAC-LC+SBR+PS (ADTS) (AAC Low Complexity + Spectral Band Replication + Parametric Stereo using ADTS)	24, 32, 40, 48, 56 kb/s