

Stream-In Silver / Stream-Out Silver

Professional Audio over IP Networking



Stream-In Silver

Stream-In Silver is a highly affordable IP audio encoder designed for the reliable and robust encoding of audio content over IP networks. A large range of algorithms including Enhanced apt-X, MPEG 4 AAC-HE and linear audio are available on the compact 1/2 x 1U unit which is fully compatible with all other APT and N/ACIP –compliant codecs.

Stream-Out Silver

Low on cost but rich in features, the Stream-Out Silver is an IP Audio decoder that decodes a wide range of professional and consumer audio formats. Perfect for broadcast, retail, hospitality and other applications, the Stream-out Silver offers headphone monitoring, audio back-up courtesy of either an on-board USB port or ShoutCast server#, embedded auxiliary data and auto-detection of an incoming IP stream.

KEY FEATURES

- Low cost separate encoder and decoder
- Large range of algorithms as standard (Eapt-X, Linear), AAC HE v1/v2**
- Compact 1/2U design – fit two units in 1U rackspace
- Compatible with all APT & NACIP-compliant codecs
- VLAN tagging
- Fast boot time
- Intuitive Web interface
- Quiet, no-fan operation
- Aux data
- Headphone monitoring

*Cost Option

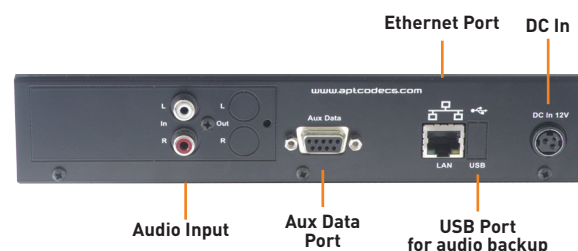
Technical Specification

| Technical Specification | | |
|-------------------------|--------------------------|---|
| Physical | Size | 2 codecs fit into 1U 19" rack space, 1/2 U each |
| | Dimensions | 44mm x 220mm x 160mm 1.73" x 8.66" x 6.3" |
| | Weight | < 1.5 kg (3.3 lbs) |
| | Power Supply | External 12v DC supply with locking connector |
| | Power Consumption | <15W |
| | Environmental | 0°C to +55°C, 95% humidity |
| Interfaces | IP | Ethernet 1 x RJ45, RTP/UDP, SIP/ SDP# |
| | Aux Data | 9 pin D type DTE, RS232 level. Baud rates (embedded) 1200 to 9600. Baud rates (over IP) 1200 to 19200 |
| | Control | Web interface, SNMP |
| | Analogue Audio I/O | RCA or XLR connectors |
| | Back-up | USB slot for audio backup |
| Audio | Analogue Audio Bandwidth | 10Hz through to 22.5kHz mono & stereo |
| | Sample Rate Converter | 8:1 |
| | Standard Coding | Eapt-X16/24, Linear 16/20/24 |
| | Optional Coding | MPEG 4 AAC HE(v1/v2) |
| | Compression Ratio | Eapt-X 4:1 Others: variable |
| | Coding Delay | Enhanced apt-X 1.9ms @48kHz Fs |
| | Dynamic Range | > 85dB |
| | Phase Response Linear | DC to Fs/2 |
| | Pass Band Ripple | < 0.2dB |

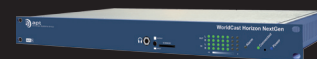
TYPICAL APPLICATIONS:

- Studio Transmitter Links
- Confidence Monitoring
- Commercial IP audio distribution
- IP music distribution systems in hotels, hospitals, campuses etc..
- In-store audio distribution applications

Stream-Out : Back Panel View (RCA Version)



ALSO AVAILABLE



- APT WorldCast Horizon NextGen
- APT WorldCast Astral
- APT WorldCast Equinox
- APT WorldCast IP Decoder

See Deliver catalog for more details