Compact
and Versatile

AES67 & ST 2110 Audio Bridge Platform

Welcome to Iggy, a versatile collection of compact and feature-rich audio-over-IP bridges that seamlessly integrate AES, MADI, or Analog audio with AES67 and ST 2110 networks. Iggy's robust design includes locking connectors, redundant power and network ports, all in a compact form factor adaptable to various scenarios. Its open control supports a wide range of protocols and powerful network diagnostics provides real-time data for effective network management. Iggy is more than an audio/IP bridge, it's a key asset offering unparalleled connectivity and flexibility. Embrace the future of networked audio with Iggy.

ROSS

Compact & Feature Rich Design

Iggy's small form factor delivers high channel density and robust features in a space-saving design. It can be easily deployed in various settings from a standalone application to fitting three models comfortably in a 1RU tray.

Seamless Integration and Interoperability

Iggy audio-over-IP bridges easily merge AES, MADI, or Analog audio with AES67 and ST 2110 using proven implementations, ensuring broad interoperability and streamlined workflow. The resulting versatile, future-proof audio networks make Iggy the perfect fit for integrating various audio types with Ross Hyperconverged systems.

Robust & Flexible Design

Iggy's robust design, combined with locking connectors and redundant power supplies and network ports, provides a reliable and adaptable solution for professional applications. A fanless chassis ensures reliable and silent operation, ideal for in-studio use.

Open Control

Iggy offers various control and discovery protocols including NMOS, EmBER+, and more. It ensures flexibility to connect to any network, allowing you to control and monitor your way.

Powerful Remote Monitoring & Control

Iggy provides robust remote monitoring and control features, along with diagnostic tools to troubleshoot Ethernet interfaces, offering vital network data through DashBoard or the Web UI.

Comprehensive Network Insights

Iggy delivers real-time network diagnostics like bandwidth usage and PTP timing. It also allows packet capture for protocol analysis, making it more than just an audio/IP bridge, but an insightful tool for your network.
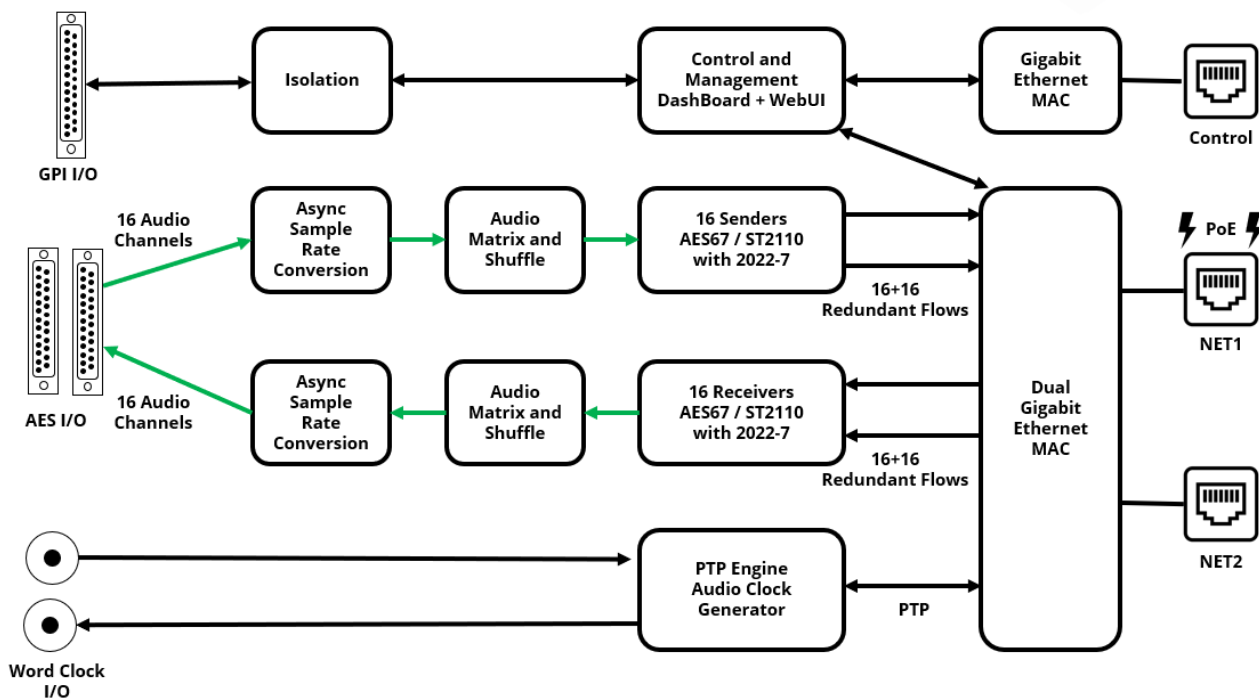
Iggy AES

Iggy-AES16.16 integrates 16 AES-EBU inputs and 16 x AES-EBU outputs to ST 2110 or AES67 networks.

Features
- TASCAM DB25 connector for AES connections
- Adjustable gain, -75dB to + 25dB per channel
- Sample Rate Converter (SRC)
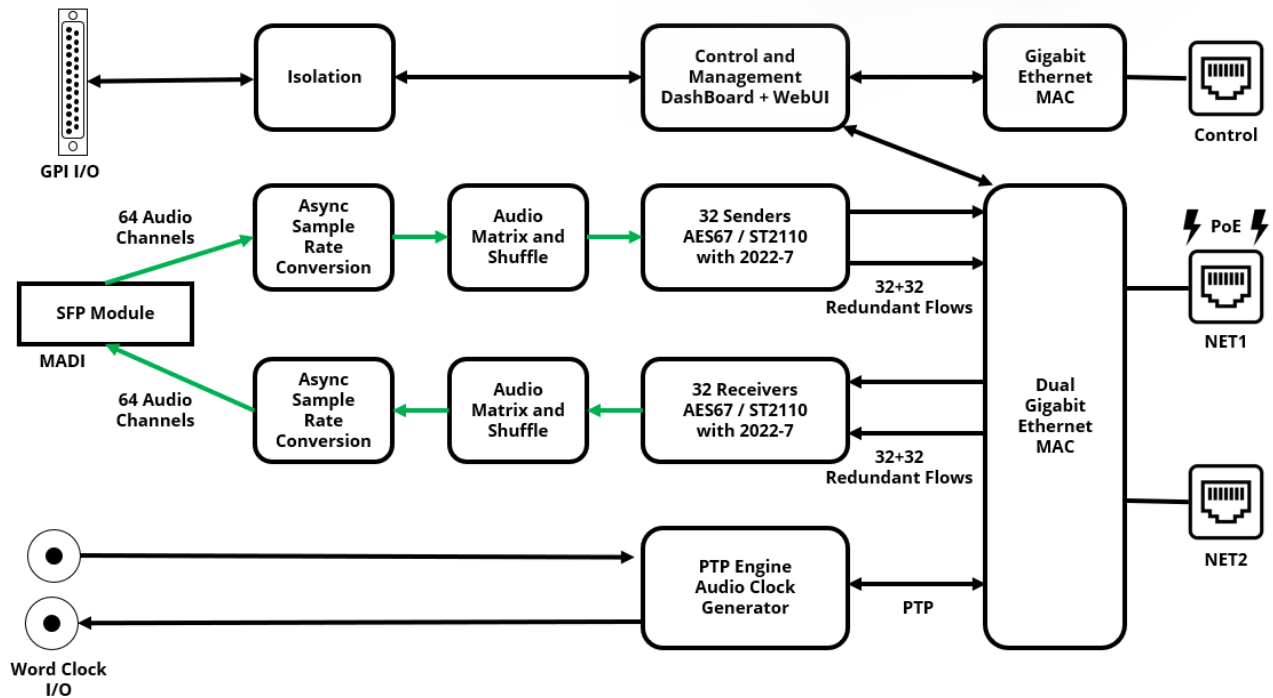- Audio streams: 16 audio senders, 16 audio receivers

Iggy MADI

Iggy-MADI integrates one MADI I/O to ST 2110 or AES67 networks.

Features

- SFP connection for MADI with copper, 850nm and 1310nm SFP's available
- 56/64 channel support
- Sample Rate Converter (SRC)
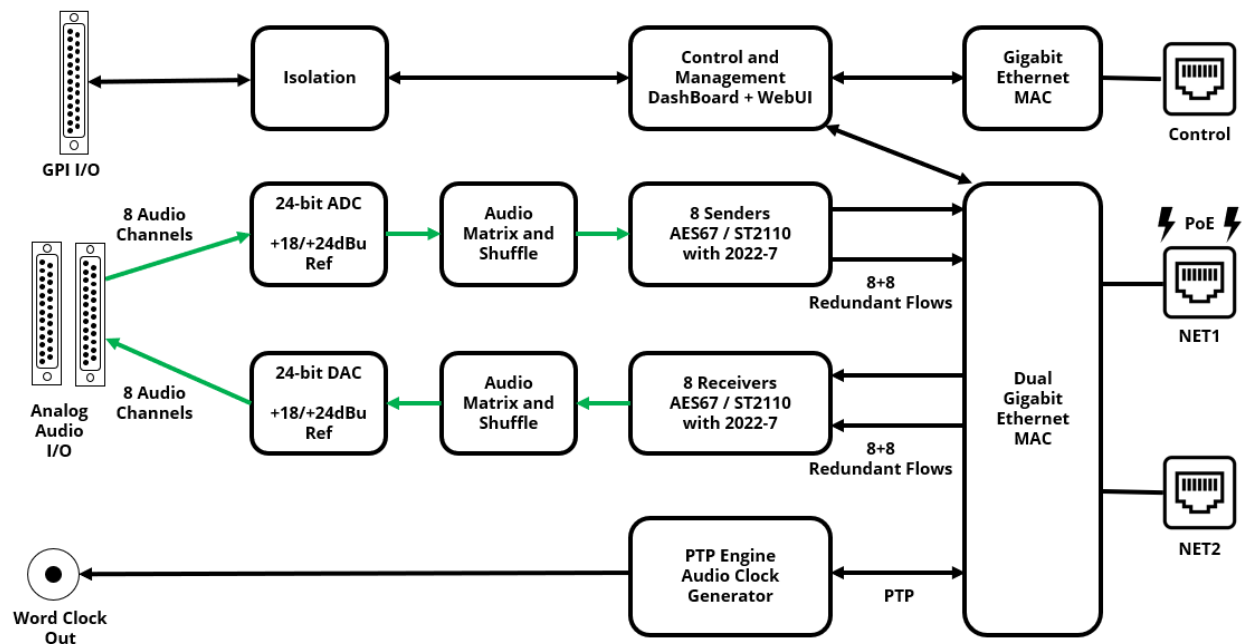- Audio streams: 32 audio senders, 32 audio receivers

Iggy Analog

Iggy-ANA8.8 integrates 8 analog audio inputs and 8 analog audio outputs to ST 2110 or AES67 networks.

Features

- TASCAM DB25 connector for analog audio connections
- Adjustable gain, -75dB to + 25dB per channel
- Selectable +18dBu and +24dBu reference levels
- High-quality ADC and DAC
- Audio streams: 8 audio senders, 8 audio receivers

Technical Info

A range of mounting options to suite diverse installation scenarios:

- Mounting brackets to accommodate VESA or surface mounting
- Provision for ty-wrap mounting for quick deployment
- 1RU rack-tray for 3-across rack mounting - mix and match any three Iggy models

Locking connectors on network, audio, fiber, tally/GPIO and power connections

Flexibility to connect to any network with support for multiple protocols:

- Discovery and registration: NMOS IS-04, ANEMAN, RAVENNA, SAP
- Connection management: NMOS IS-05, ANEMAN, EmBER+, JSON API
- Configuration: DashBoard, JSON API, WebUI

Dual redundant GigE interfaces for audio and control:

- AES67-2018
- ST2110-30 including conformance level: A, B, & C
- ST2022-7 hitless protection switching, 1+1 redundancy per sender and receiver

4 x isolated and 8 x TTL GPIO controlled by RossTalk and TSL

Redundant power inputs: 1 x DC input and 1 x PoE input

Mechanical/Environmental:

- Dimensions (H.W.D): 1.63" x 5.75" x 6.70" | 41mm x 146mm x 170mm
- Operating temperature: 0-40⁰ C