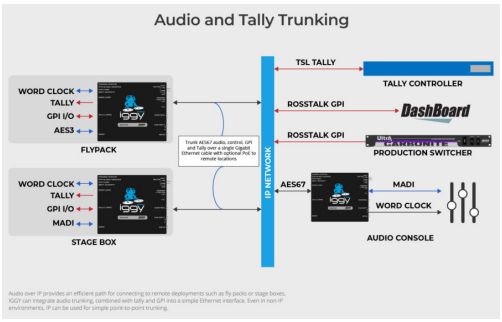
IGGY

ROSS

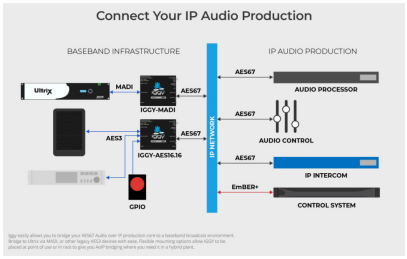
COMPACT AES67 & ST 2110 AUDIO BRIDGE PLATFORM

The IGGY family of compact, broadly interoperable, and flexible live audio-over-IP bridges support a variety of audio interface standards. IGGY’s convenient form factor provides incredible flexibility, allowing you to effortlessly deploy IP audio bridging wherever you need it – studio, truck, on-stage, or in a fly-pack. Combine three IGGY bridges in a 1RU for unparalleled channel density or incredible mix-and-match freedom. Don’t let bulky equipment or incompatible AES67 and 2110 implementations get in your way – get IGGY and get grooving!

Cena:
Kategorie: Video, Produkcja, Konwertery obrazu



GALLERY IMAGES



OPIS

Compact full featured form factor

Can be deployed anywhere without compromising on channel density or features in one-third of a 1RU.

Broadly Interoperable Audio-Over-IP

With proven and complete AES67 and 2110 networking, combined with versatile clocking features, IGGY delivers a stable connection every time without any constraints.

Robust and flexible design

Compact form factor, flexible mounting options and robust mechanical features allows IGGY to effortlessly adapts to your environment. This includes redundant power supplies and locking connectors such as PoE, Tascam DB25 connectors, Bi-directional MADI SFP port, dual redundant Gigabit Ethernet audio interfaces, 4x isolated Tally out +8x TTL GPIO controlled via RossTalk and TSL.

Open Control

In addition to Ross DashBoard, a plethora of discovery and control protocols are available, including EmBER+, RAVENNA, SAP and JSON API. Enable control and monitoring your way, with the flexibility to connect to any network.

Products

IGGY-AES16.16	Compact AES67 & ST2110 to 16 x 16 AES3 Audio Bridge
IGGY-MADI	Compact AES67 & ST2110 to MADI Audio Bridge

Features

Rich & Flexible I/O

- AES3in and out via AES59/TASCAM DB25 connectors or MADI via copper or fiber interfaces
- Dual Redundant Gigabit Ethernet audio interfaces, and optional GE control interface
- 4x isolated Tally out +8 x TTL GPIO controlled via RossTalk and TSL

Unmatched Performance & Reliability

- WAN-capable buffering, which are critical in heavily-loaded networks
- Powerful embedded dual-core ARM Cortex A9 1.5GHz processor for responsive control and telemetry
- Robust & durable enclosure
- Dual Redundant Gigabit Ethernet audio interfaces, and optional GE control interface
- Locking connectors, including Neutrik Ethernet RJ45

Flexible & Robust Enclosure

- RU H x 5.75” W x 6.70”
- Operating: 0ºC to +40ºC
- Fanless chassis for studio silent operation
- Power over Ethernet and redundant DC input power
- Locking connectors, including Neutrik Ethernet RJ45
- Flexible mounting options (mounting ears & optional rack tray)

Open Control

- Discovery and registration
    - RAVENNA
    - SAP
- Connection Control
    - EmBER+
    - JSON API
- Configuration
    - JSON API

    - WebUI
- GPI & Tally
    - TSL
    - RossTalk

Silent

Silent for use in-studio, as Iggy is passively cool. The only screaming fans are in the audience!

AES67 & ST2110

- 16 audio receivers,16 audio senders
    - ST2022-7 hitless 1+1 redundancy per sender and receiver
    - Packet times: 125µs and 1ms
    - Samples per packet: 6, 12 and 48
    - Sample rates: 48kHz & 44.1kHz with Asynchronous Sample Rate Converter (ASRC)
    - 1-16 channels, configurable per audio stream
    - Audio formats: L24, and L16, configurable per audio stream
    - WAN-capable buffering: up to 30ms per receiver stream
- ST 2110-30, including conformance levels: A, B, & C

* *Note that Rosstalk and TSL protocols will note be fully supported on first software release. Please contact us for more details.*

The Story

The Iggy inspiration naturally evolved from our BACH AES67 & ST 2110 OEM technology. In order to support our BACH modules and chips, we make development systems which are available in various sizes. Frequently, we connect them to audio equipment from outside suppliers for interoperability testing in our labs.

One day our engineers asked why we didn’t buy smaller audio bridges in order to allow them to do some testing at their desks. We thought this was a good idea. After doing extensive searching, we could only find bulky 1RU solutions in order to get our required number of audio channels. At the same time, there were 30 or so compact BACH development systems

on a small table awaiting testing that we were walking by every day. Huh!

It took a while but one of our engineers suggested the idea to put this development system in an enclosure and hence the genesis of Iggy was born. This got us thinking but how should we package it? Well, we already had our popular NEWT 2110 to HDMI converter form factor so why not re-use it. Then, our engineers went to work imagining what was possible from an audio technology perspective in such a compact enclosure. They came up with so many ideas that we already had a portfolio of solutions before we built the first box.

Why Iggy for a name? Well, our marketing department went into full swing trying to come up with a name that fit with the rest of our 2110 IP solutions like NEWT, the RAPTOR openGear card and our GATOR 12G SDI family.

After over 100 suggestions, over email one Friday afternoon, Iggy was chosen. The appeal for Iggy is that not only are some of the smaller family members compact, cute and versatile little creatures but they all have an amazing ability to adapt to their environment. Many of the same key attributes of our Iggy products. Plus, the Iggy name is also synonymous with audio and music.

First, it is a reminder of the legendary rock and roll singer, songwriter, record producer, Iggy Pop, known as the “Godfather of Punk” and for his live performances including popularizing the “stage-dive”. A good fit for an innovative portfolio of products that will be performing its antics on live stages all around the world and popping up in studios or anywhere audio engineers need to conveniently bridge their audio to their network.

Besides the link to this classic rocker, there is a second more modern connection to rapper, singer, songwriter Iggy Azalea. Since bursting onto the music scene, she has sold 48 million records worldwide and a slew of accolades including four Grammy Award nominations. Our Iggy is also looking to duplicate this success and take the world by storm.

We are asked all the time about how we came up with the logo. This is the easy part for us because we have a creative and world class graphics department lead by Brian which always exceeds our wildest expectations. We told him to connect the little iguana with music and the famous Iggy DJ spinning discs logo was born.