

# Product release notes

## IGGY-ANA8.8

**ROSS**



## IGGY-ANA8.8 RELEASE NOTES

Welcome to the IGGY-ANA8.8 v2.1 Release Notes. Please read this document to find important information on areas of IGGY-ANA8.8 that may not be covered in the user documentation.

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## VERSION HISTORY

### VERSION 2.1 – MAY 2024

#### WHAT'S NEW

- **SECURITY IMPROVEMENTS – REMOTE UPGRADE CONTROL**

For enhanced security, remote upgrades are now disabled by default. Remote upgrades may optionally be enabled through DashBoard or the webUI.

### VERSION 2.0.23 – JANUARY 2024

#### BUG FIXES

- Improved WebUI experiences on stream managing pages.
- Improved PTP performance during grandmaster switching and loss of master lock situations.
- Improved Ravenna advertisement performance in larger networks with hundreds of streams.

#### KNOWN ISSUES

- In 24dBu mode, the clip status may erroneously identify clipping at 23dBu signal level.

*Workaround:* Users should avoid increasing their input signal strength beyond the 23dBu level.



- Updating an existing sender stream's channel count, channel mapping, transport IP, UDP ports will lead to errors.

*Workaround:* Users must delete and re-create the sender streams if they wish to use different parameters for the sender stream.

- Sometimes, a new advertisement may not appear on a receiver device if an old advertisement from a sending device is still in the cache and a reboot may be required to clear the cache.

*Workaround:* You can connect to the new source by copying the SDP and pasting it in the Destination tab on the Web UI.

- When upgrading from software v1.x to v2.x, DashBoard will mistakenly report that the v2.x load is “the same version” as the v1.x.

Device	Version	Error/Warning
> AR_IG16-171		<input type="checkbox"/>
▼ Ross Board		<input checked="" type="checkbox"/>
▼ Slot 0: IGGY-AES16.16	1.00	<input checked="" type="checkbox"/>  Current software is the same as the upload
● IGGY-AES16.16	1.00	<input checked="" type="checkbox"/>  Current software is the same as the upload

*Workaround:* Ignore the warning and click “Finish” to continue the upload.

## VERSION 2.0.0 – AUGUST 2023

The version 2.0 release is the first generally available version of the IGGY-ANA8.8.

### HIGHLIGHTS

- **8 ANALOG AUDIO CHANNELS IN AND OUT**

Using high-quality ADC’s and DAC, IGGY-ANA8.8 provides line level, balanced analog signaling with a selectable 0dBFS reference of +18dBu or +24dBu in both digital-to-analog and analog-to-digital directions.

- **DUAL REDUNDANT AUDIO GigE and GigE CONTROL INTERFACES**

8 configurable audio stream receivers and 8 audio stream senders as per AES67-2018, SMPTE ST2110-30 (including conformance levels A, B and C). Provides hitless SMPTE ST2022-7 protection switching with 1+1 redundancy per sender and receiver. Audio encoding formats are configurable per audio stream (L24).

- **AES67 STREAMING**

Supports 48kHz sampling rate with packet times of 125µs and 1ms.

- **DESTINATION AUDIO GAIN**

-75dB to +20dB per destination channel audio gain. Audio mute per channel.

- **MDNS BASED DEVICE DISCOVERY**

By scanning the QR code on the side of the chassis, the user can automatically look up the network information and connect to their device. Alternatively, the user can enter their IGGY-ANA8.8’s serial number into [rossvideo.com/device](https://rossvideo.com/device), which will use mDNS and link-local to provide a link to the IGGY webpage.

- **NMOS IS-04 AND IS-05**

IGGY-ANA8.8 supports the Network Media Open Specifications (NMOS) IS-04 and IS-05. By using an NMOS-enabled connections manager and Registration & Discovery Service (RDS), users can discover and make connections to available AES67 audio streams on their media network.

- **ANEMAN**

Audio Network Manager (ANEMAN) is a cross platform and cross vendor audio connection management application for AES67 streams. The IGGY-ANA8.8 is supported in the Aneman application when the ROSS-BACH plugin is downloaded via the plugin manager.

- **WEB UI AND DASHBOARD INTERFACE**

A new web-based control UI makes it easier to configure and make connections on your IGGY-ANA8.8. Alternatively, the user can also control and configure the IGGY-ANA8.8 using the Ross DashBoard application.

- **DIAGNOSTICS AND METRICS**

Enhanced diagnostic tools include real link bandwidth meters and a graph for PTP (Precision Time Protocol) offset from master in RMS and raw format. DashBoard also has the ability to show CPU statistics which can be enabled in the Diagnostics tab.

- **HETEROGENOUS ADVERTISEMENTS SUPPORT**

The IGGY-ANA8.8 can recognize multiple advertisement sources (Ravenna, DANTE-SAP) and allow connections to them.

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Workaround: Users must delete and re-create the sender streams if they wish to use different parameters for the sender stream.

- Sometimes, a new advertisement may not appear on a receiver device if an old advertisement from a sending device is still in the cache and a reboot may be required to clear the cache.

Workaround: You can connect to the new source by copying the SDP and pasting it in the Destination tab on the Web UI.

## GETTING HELP

- Product's Online Help system opens in your default web browser.
- Our 24-hour hotline service provides access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel.
- During business hours (Eastern Standard Time), technical support personnel are available by telephone.
- After hours and on weekends, emergency technical support is available. A telephone-answering device will provide the names and phone numbers of technical support and field service personnel who are on call. These people are available to react to any problem and to do whatever is necessary to ensure customer satisfaction. For serious issue which need urgent attention and tracking, please ensure you are given a ticket number and refer to this in future communications.
  - **Technical Support: (+1) 613-652-4886**
  - **After Hours Emergency: (+1) 613-349-0006**