XC2 AES67 RAVENNA Interface | Series 52

RAVENNA
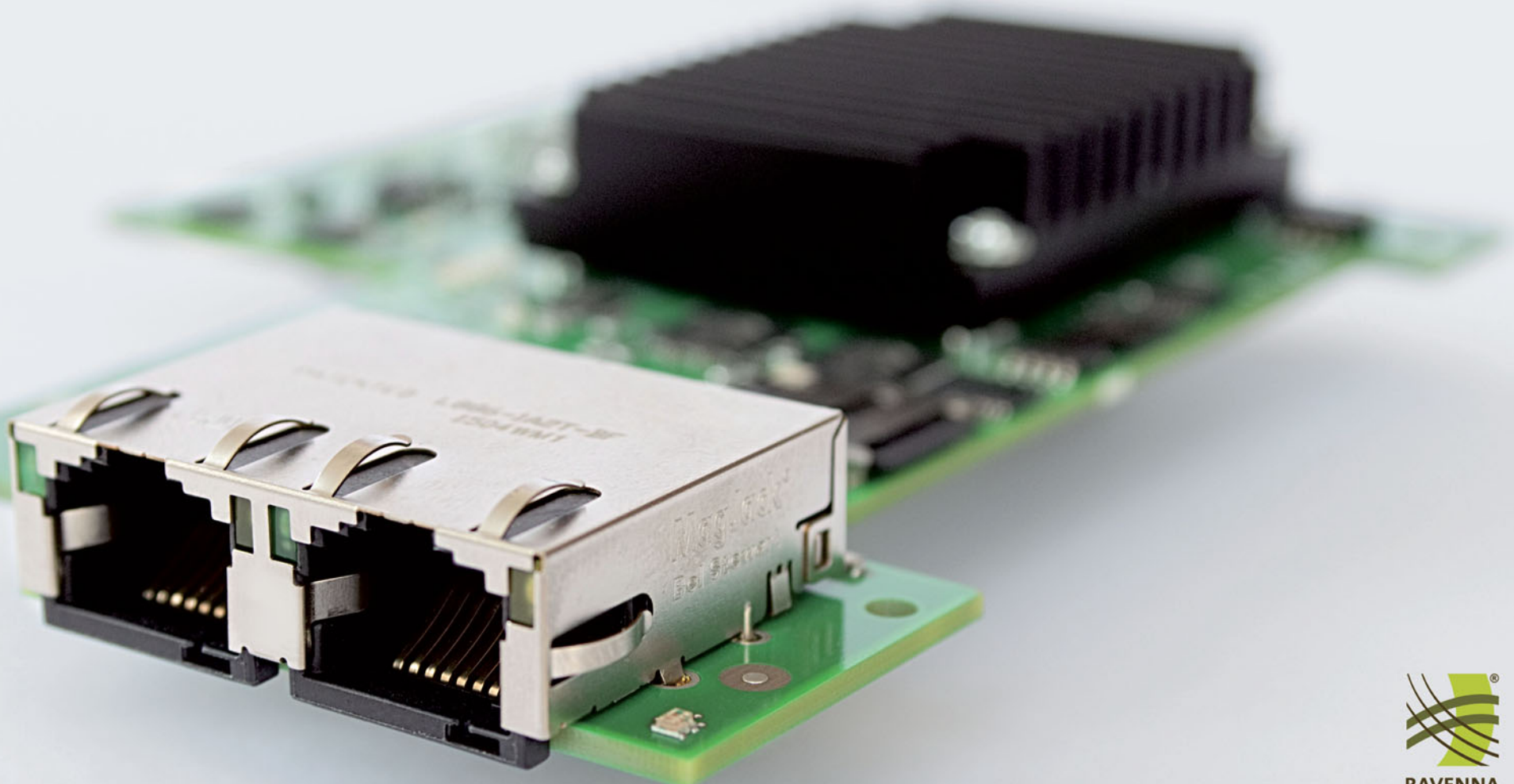
DHD.audio   Digital Broadcast Technology

Overview

Built-in Audio-over-IP interoperability

The new XC2 AES67 RAVENNA Interface (52-7067A) boosts the Audio-over-IP capabilities of all DHD mixing consoles and routers. Developing our own AES67 implementation for this interface allows a maximum of interoperability with RAVENNA/AES67-enabled devices or virtual soundcards.

With this interface you can send and receive up to 32 AES67/RAVENNA-compliant Audio-over-IP streams, with a maximum of 64 mono transmit channels and 64 mono receive channels.

The 52-7067 AES67 RAVENNA module can be used on the internal extension slot of all 52/XC2 Cores, 52/XS2 Cores and 52/XC2 Concentrators.

A sample rate converter for inputs and outputs eliminates the need to synchronise the mixer to the AES67 network.
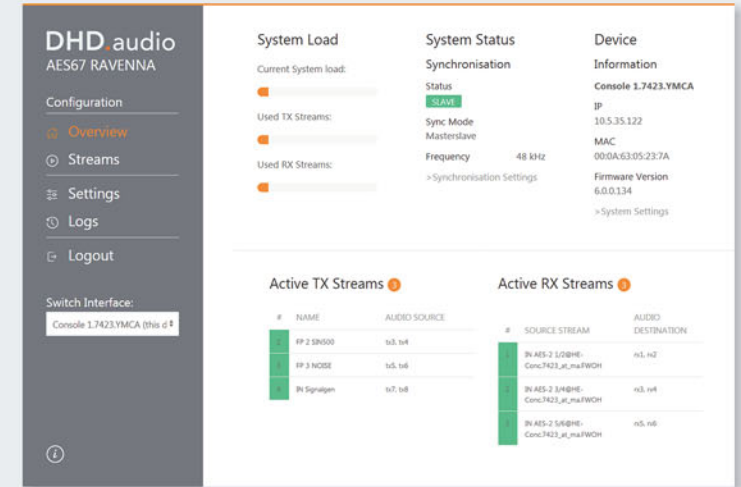
Configuration options

An easy-to-use web interface and powerful discovery mechanisms for the audio streams allow fast integration into your AoIP infrastructure.

The web interface offers a **simple configuration mode** for fast setup using DHD default parameter sets and linked Toolbox8 configuration data.

Also an **advanced configuration mode** is available, in which network parameters for input and output streams, and synchronisation (PTPv2) parameters can be set to SMPTE-based defaults or to user-defined values.

With full Ember+ integration, the configuration and monitoring of the XC2 AES67 RAVENNA interface is also possible via Ember+-compliant software.

Web interface for configuration
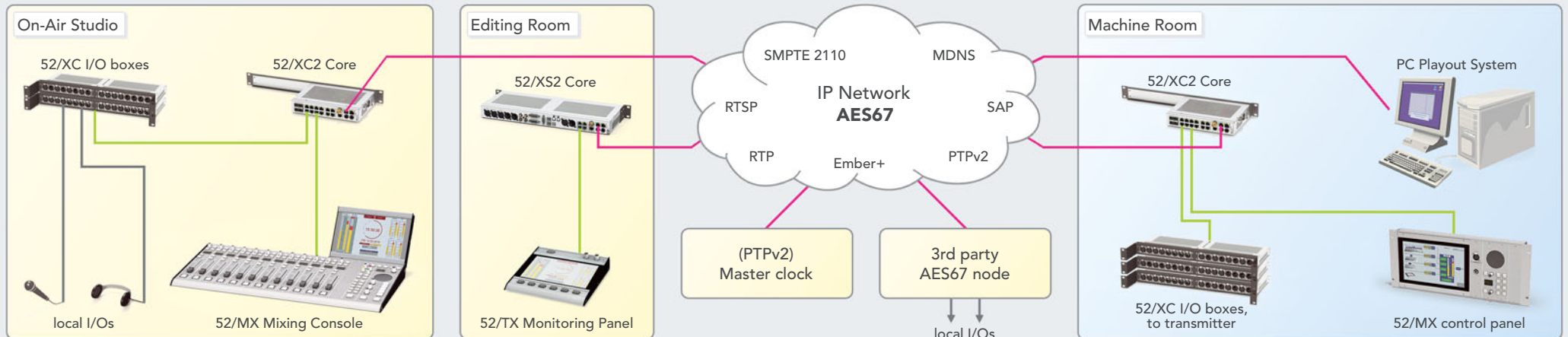
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