

Using Nixer Pro Audio

In Broadcast

Nixer Pro Audio provides a range of high quality and cost-effective AoIP monitoring and diagnostics tools. Products are used daily within the Live, Install and Broadcast industries and are relied upon for critical on-air monitoring by Sound Engineers, Broadcasters and Pro Audio Rental Companies all over the World.

Broadcast Applications

Master Control

All Nixer Pro Audio monitoring and diagnostic tools provide a clear intuitive display, ideal for rapid source selection during demanding play-out and live events. In particular, within a multichannel Master Control Room, the RL256 Series allows a single Operator to monitor and mix up to 256 channels from a single, compact 1RU frame. This can be across single or multiple networks and different AoIP standards including Dante, Ravenna, AES67 and SMPTE ST 2110.

Outside Broadcast

Nixer Pro Audio units are finding their way into the audio racks of the latest IP based Outside Broadcast trucks, Fly-Packs and Production facilities. Their high resolution touch screens, clear metering and status information allow quick source selection for precise confidence monitoring under pressure.

Special Events

The unique routing and diagnostic capability of the PD and RD Dante units also give Broadcast Engineers ready access to built-in diagnostic tools during setup and commissioning for a smoother installation.

Host broadcasters have been using the PD Dante networking and diagnostic tools from multiple remote sports venues to route, configure and test systems that are located within their main international broadcast centre (and vice versa).



RL256 Series

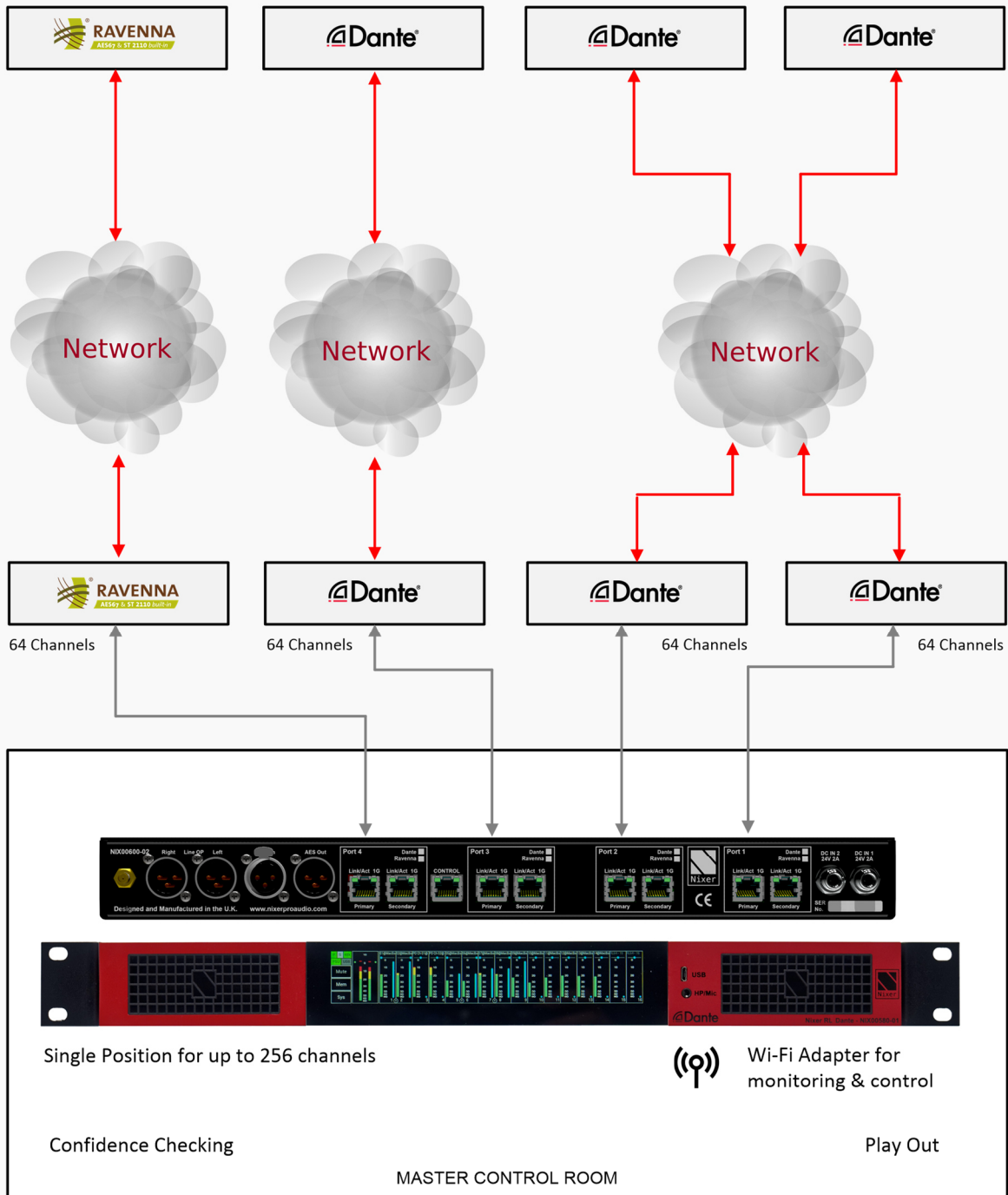
With four base models in the range the RL256 Series offers AoIP confidence monitoring for broadcasters working with Dante and Ravenna audio networks. The clear intuitive display is ideal for rapid source selection during demanding live events and was originally designed for use within large multichannel broadcast Master Control Rooms. In fact, a single operator can gain access to up to 256 channels from a single monitoring position.



Audio Schematic - Master Control



Audio over IP feeds from multiple places, sources and networks



Cat 5e ———

Fibre ———

Dante® is a registered trademark of Audinate Pty Ltd.
Ravenna is an open technology standard from ALC Network GmbH

Audio Schematic - Outside Broadcast



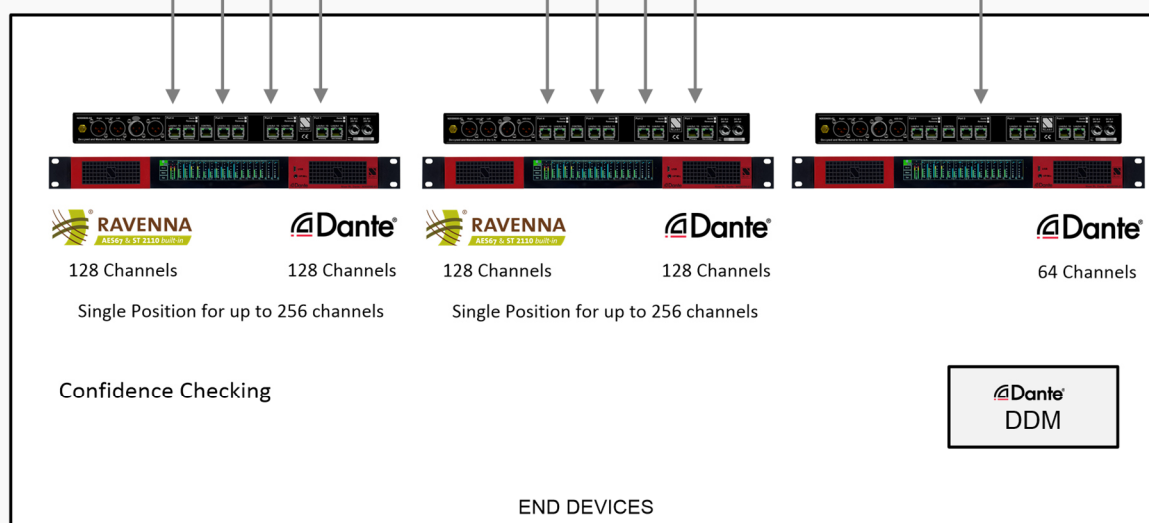
Audio over IP feeds from multiple sources



SPINE

Network Management

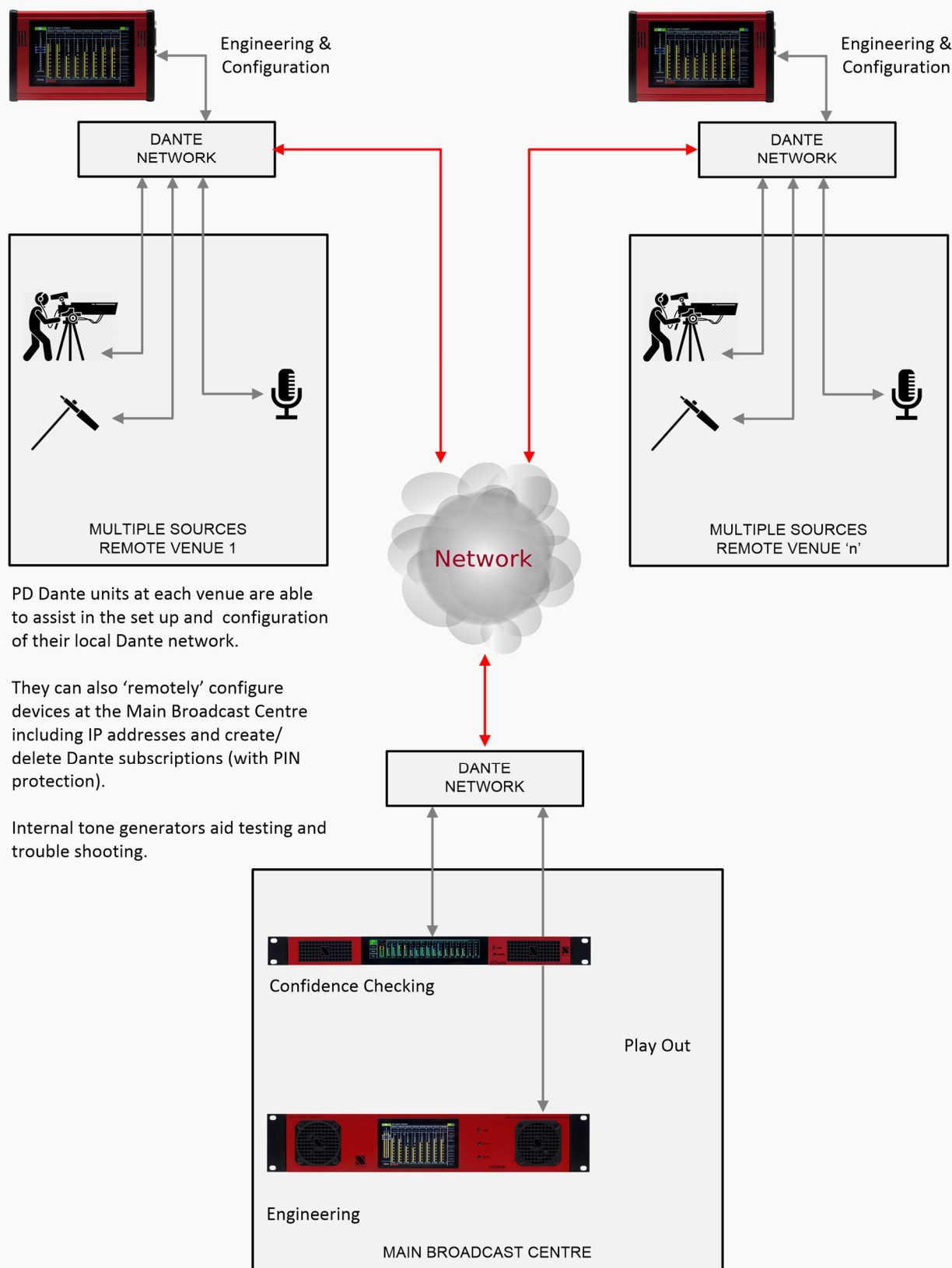
LEAF



Primary — Secondary

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Ravenna is an open technology standard from ALC Network GmbH

Audio Schematic - Special Events



PD Dante units at each venue are able to assist in the set up and configuration of their local Dante network.

They can also 'remotely' configure devices at the Main Broadcast Centre including IP addresses and create/delete Dante subscriptions (with PIN protection).

Internal tone generators aid testing and trouble shooting.