

Wishlist 2023

agile
BROADCAST

**Need an update?
Agile's got you covered.**

Inside:

The latest technology by
the world's leading brands –
Wheatstone, RFE Broadcast,
Digigram, AVT, DEVA, MNC,
AKG, Davicom, Tascam...
and more!

MAGAZINE SPECIAL! Use code 'Magazine' before July 1 2023 for free standard shipping*

*limited to 1 per person/company, standard domestic Australian shipping only

It couldn't be easier...



16 Channel Console Shown



THE ENGINE

YOUR ENTIRE STUDIO I/O

THE FUTURE
Expanded I/O or
More Networked Studios

100% WHEATNET-IP COMPATIBLE



THE INTELLIGENT NETWORK

AUDIOARTS ENGINEERING
PRECISION ENGINEERED

Welcome to our 2023 Agile Broadcast Magazine!

It is an absolute pleasure to welcome you to our 2023 annual magazine as we start our fourth year of publication. What started out as a simple idea has become something of value to many. We have loved receiving feedback about how the magazine is useful, and what works.

We have some new additions this year; a piece about how a local station updated their technology and made an immense difference to their everyday workflow. We have included a page for easy reference of equipment and who makes it, and as usual, there are some staff picks that may provide inspiration.

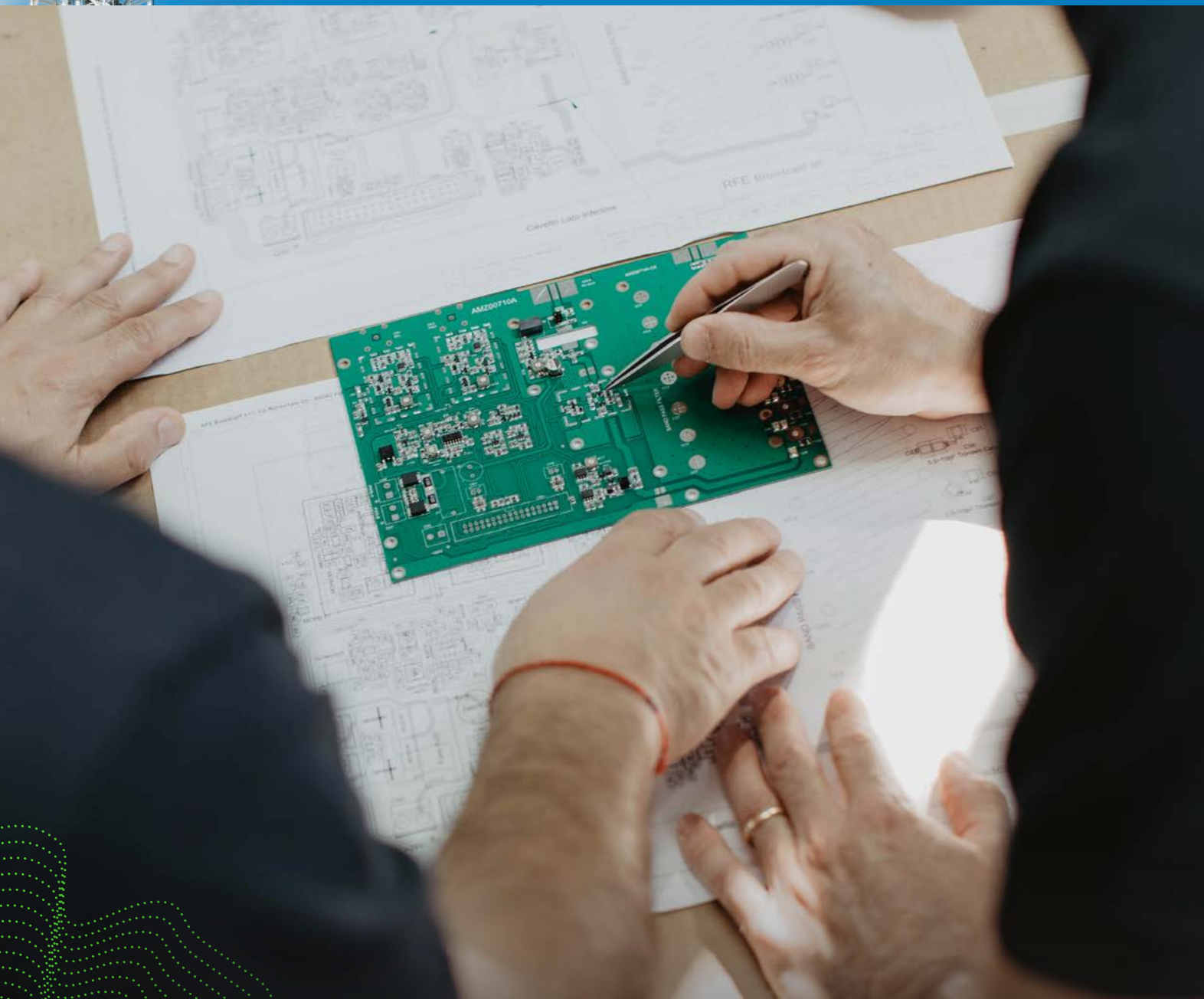
We thought it was time to start talking more about another side to our services; that Agile Broadcast is Australia's DAB specialist. Whilst working alongside our partners AVT, Paneda, RF Mondial, DEVA Broadcast and Tredess, we provide multiplexers, audio encoders, performance monitors and transmitters. Tredess is our newest partner that we joined with at the end of 2022. Based in Spain, Tredess focus on air cooled UHF and VHF transmitters, translators/transposers and gap fillers up to 5kW (DTV and DAB+).

We are grateful to all our partners for sharing their ideas, resulting in this publication. As always, we hope you find this magazine beneficial, and we look forward to being of service throughout the year!

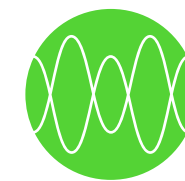
Deb Sexton
Sales and Marketing Manager

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Italy with passion
since 1976



RFE

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BROADCAST
SMARTER



RFE makes sound better

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We always work to improve our products and provide customers the exact solution they need. Our core technological systems and characteristics guide us in order to continuously evolve through experimentation.

- Highest efficiency $\geq 73\%$
- FM in Low, medium and high power (50W to 40kW+)
- STL in 5W-10W-20W (frequencies from 200MHz to 2.5GHz)
- Web, mobile app and SNMP controlled

RFE'S RANGE OF PRODUCTS

FM Transmitters



Antenna Systems



Audio Over IP Links & Analog Links



RF Switches

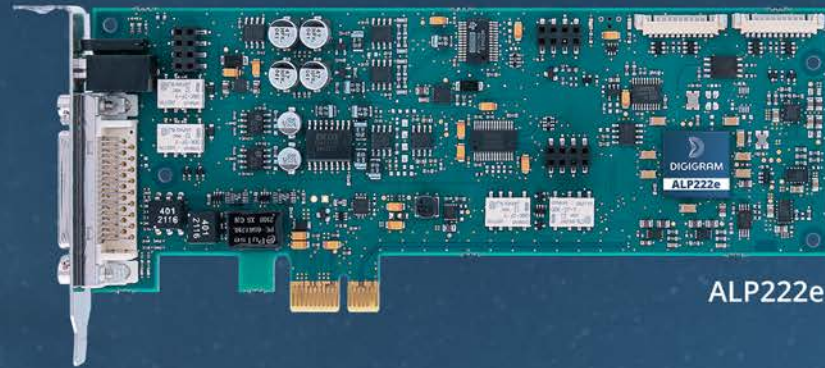


Integrated Radio Broadcast Systems



ALP 222e and 222e-Mic

THE SAME, BETTER



ALP222e



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WITH 2 BRACKETS



INTER-BOARD
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UP TO 8 ALP-X CARDS



CONNECTOR FOR BREAKOUT
CABLE OR CUSTOM INTEGRATION
HEADPHONES JACK



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1 STEREO AES3 CHANNEL
(TOTAL OF 4 MONO I/Os)



ALP222e-Mic: soon available

now
in stock



LXE: Build Your Own



ConsoleBuilder Customize your buttons, knobs & motorized faders

ScreenBuilder Create custom touchscreens

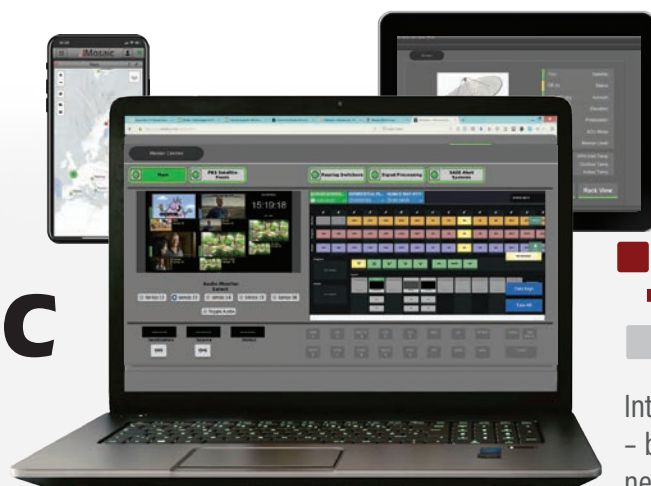
Layers Set up and run multiple layered input sets simultaneously

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Mosaic and Tessera go hand in hand to simplify and automate the management of complex broadcast systems. Intelligently manage both your network and your assets at the click of a button! Anywhere, Anytime, Every Time.



Mosaic

Why make things more complicated than they need to be. Harness the power of Mosaic to simplify operations, add flexibility and still maintain complete control of your end-to-end network from a single pane of glass regardless of hardware, vendor, protocol, or location. Mosaic is the world's most advanced, feature rich and flexible NMS/OSS on the market. Mosaic will have you up and running in no time, maximizing return on investment by reducing service outages, and lowering mean time to recovery thereby saving you time and money. When you can't afford to be off-air, Mosaic gives you freedom and peace of mind.

TESSERA

Introducing our newest creation, Tessera – bringing asset management to a whole new level. Track every asset within your organization. Categorize assets by service, location, or function. Monitor assets in use, in RMA, in spares inventory. Provide all stakeholders within the business the tools to manage their data – AND SO MUCH MORE! A powerful platform in its own right, but as its name implies, Tessera is designed to work in concert with your Mosaic deployment. Mosaic closes the loop in asset management, providing real-time feedback to ensure data accuracy, thereby simplifying the task of managing your data.

Seeing is believing, schedule a demo of Mosaic and Tessera today!

 **MNC**software

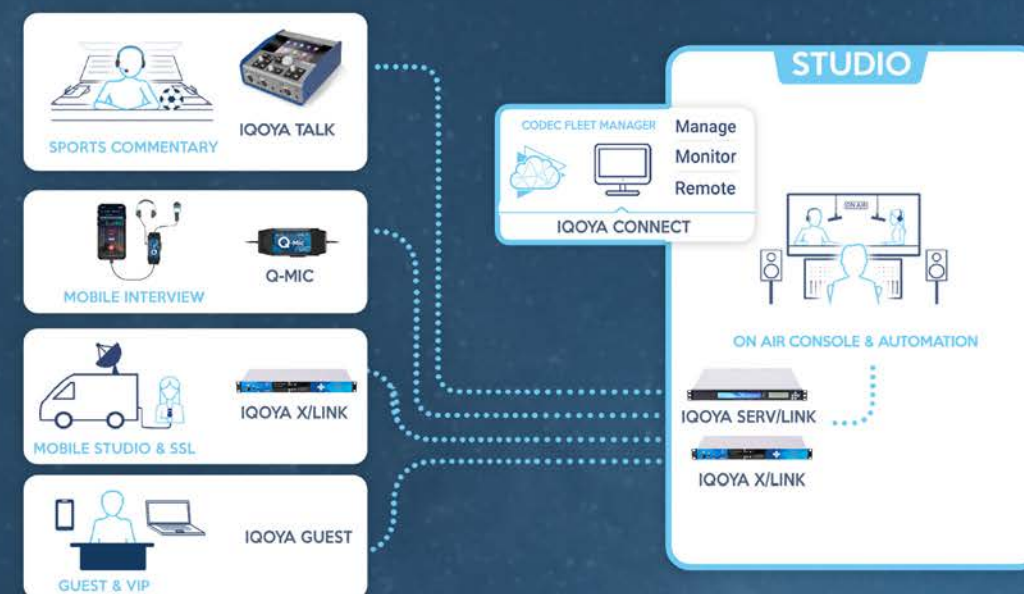
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One simple way to connect to the station whatever the IP codec used by the journalist
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Low latency redundancy and adaptive audio streaming with Fluid IP
High audio quality

VERSATILE

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Easily capture and convert your live stream into podcast episodes. Generate transcriptions, Audio2Video clips for social media, or rewindable live streams.



Analyze

Pair SGrecast with our industry standard SGreports. Easily analyze your audience and performance across podcasts, live streams, and campaigns.

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easier than ever



Less maintenance
operations at
transmitter sites



Less equipment
and power consumption
at transmitter sites



Centralization of
mpX generation at the
studio side



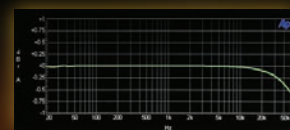
Less sound
processor configurations
to be deployed

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STRONG AND SILENT TYPE



Audioarts HS-1 and TS-1 Headphone Stations
30V peak to peak/up to 640mW drive capacity
RJ45 connectivity to any AoIP or analog console



High-current and high-voltage drive capacity for all headphone types.
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100% WHEATNET-IP COMPATIBLE



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audio cables and adaptors

CLICK-IT audio cables and adaptors are fully compatible with all StudioHub-ready equipment.
All common connectors are now in stock and **exclusive to Agile Broadcast.**

exclusive to Agile!

Agile Broadcast are Australia's DAB Specialists

Utilising our partnerships with leading suppliers, we specialise in DAB Headend Solutions.

- Multiplexers
- Audio encoders
- Performance monitors
- Transmitters
- Tunnel break-in systems



Positive Media chooses the three Ds to get their station up to speed – DEVA, Davicom and Digigram!

I recently had a sit down with Chris Martin and the team at 89.9 The Light. They explained that they had been having technical difficulties that were creating headaches for the station. These difficulties included:

- The Program Input Equipment was end of life and becoming unmanageable
- Their backup audio was a CD player
- Links were dropping out
- No remote control or visibility

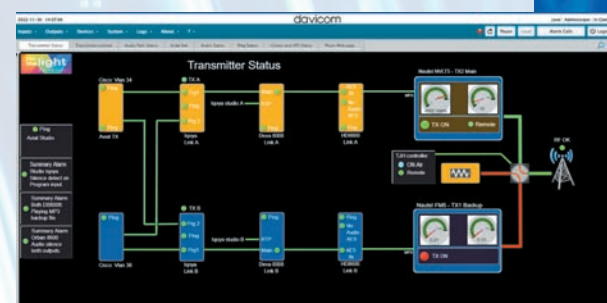
Having already undertaken a significant update to their STL recently, and now equipped with multiple robust data paths to the transmitter site, The Light engaged Agile Broadcast to provide a comprehensive Program Input Equipment (PIE) and Remote Monitoring upgrade. A **Davicom Cortex 360** was supplied and commissioned to monitor and control all aspects of The Light's Transmitters and PIE. The Davicom Cortex provides extensive monitoring and control via SNMP, Serial, and analog/digital I/O connectivity.

For studio-transmitter links, the **Digigram IQOYA X-LINK LE** was chosen for its proven reliability. These highly configurable audio codecs have been installed in a 1+1 redundant configuration at both the studio and transmitter sites. Each studio codec is configured to send a primary and secondary audio stream to each of the TX Site codecs thus providing both hardware and network redundancy for the paths to the Mt Dandenong Transmitters. Drop outs are now a thing of the past.

The **DEVA DB8008 Silence Monitor** has replaced aging CD players as The Light's emergency program source. Providing auto failover between main and auxiliary inputs, these network-enabled devices also provide FTP access for remote updating of emergency program material.

The Davicom Cortex monitors all aspects of The Light's links, PIE and Transmission systems. Even reaching back through the dual paths to monitor critical network infrastructure at the studio. The Cortex provides customisable workspaces to provide at-a-glance assurance of system health. The controls are available via the Davicom software or via a Web interface. Chris and his team were extremely pleased with the amount of information now available to them, a huge difference from how things used to be. When issues occurred in the past – it often required a trip to site to establish what had happened and how to resolve it. Now faults, rare as they are, are easily diagnosed and resolved remotely.

Deb Sexton
Sales and Marketing Manager



Our picks for 2023

Digigram X-Link Audio/MPX over IP Codecs

Adrian Harper
Director



"I would recommend the Digigram X-Link codec range as a cost effective, first class audio/MPX transport solution. An excellent choice for IP Studio-Transmitter links and remote broadcasting, where high availability and reliability is essential.

Units feature dual internal power supplies, adjustable forward error correction (FEC), stream redundancy,

adaptive multi-format coding, WEB/SNMP/API monitoring, silence detection and failover bypass. Our experience in the field has proven these codecs just work time and time again."

Wheatstone MP-532



Chris Penny
Head of Engineering

Chris' pick is the Wheatstone MP-532, a broadcast audio processor suitable for AM, FM, DAB, TV or Streaming.

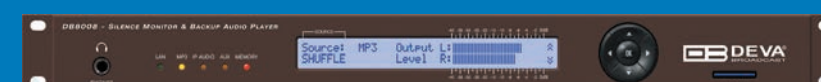
"We have deployed this in AM, FM and TV broadcasters around Australia and can report outstanding results. Out of the box you get a natural but commanding sound. **Deep powerful lows** without that muddy sound we've all heard before. **Well controlled mids** maintain a consistent presence. **The top end features a notable 'air'** which pleasantly floats around the content unlike any other processor in the market. You really must give it a try!

You can run an AM or FM output as discrete analog, MPX (built in stereo generator and RDS encoder), AES3 or WheatNET baseband 192.

Additionally, a complementary HD/Streaming output is processed by a codec-friendly optimised chain which includes a BS.1770 loudness management system to maintain a competitive sound online. While fully featured standalone, the MP-532 gets better when integrated seamlessly in to your existing WheatNET system.

DEVA DB8008

Deb Sexton
Sales and Marketing Manager



The DB8008 is designed to solve the problem of dead air in the most simple and efficient manner. The DB8008 has two built-in backup players, MP3 or IP audio. Once the unit detects signal loss, it immediately switches the output to one of the built-in backup players which can be prioritised by the user. All MP3 backup audio files and playlists can be uploaded to the device using any FTP client. Not only is the DB8008 an essential piece of kit, it's also sitting at a great price-point for all.



More than 25 Years of Audio Expertise



RAVENNA

AES67



TALKSHOW SYSTEMS & CONNECTIVITY

MAGIC Ravenna

Native Integration into Ravenna® networks is now available for selected AVT systems to complement pre-existing Dante® and AES67 options.



Competition Management

ON AIR competitions have never been easier. The new feature comes with caller and prize management as well as data export and is simply integrated into the MAGIC THipPro Screener Software.



MAGIC Collaboration Server

Call MS Teams contacts directly in the Hybrid's GUI with all familiar system features. Preplanned Teams meeting can also be attended with the Hybrid System.

The system supports both audio and video. The video can be sent to an NDI output for further use.



AUDIO CODECS AUDIO NETWORKING



MAGIC ACX Dante® WAN Bridge

Establish multiple reliable connections between Dante® networks over long distances easily!

To make good even better and added modular channel choice, coded transmission and audio distribution. The MAGIC ACX now is a fully featured multichannel audio codec for leased line or SIP connections.

DAB/DAB+ HEADEND



MAGIC DABMUX Plus

Our MAGIC DABMUX Plus Multiplexer now offers an integrated monitoring decoder.

To make our systems even more capable, we integrated Webstream Inputs and made Emergency Warning Break-In available.

With the MAGIC DABMUX plus Encoder Edition we also developed a DAB+ audio encoder with up to 10 channels based on the proven Multiplexer.

Besides Telephone Hybrids and Audio Codecs, AVT offers products for a complete DAB/DAB+ headend. With the various hardware encoders, redundancy switches/converters, monitoring decoders and both PC and DSP-based multiplexers, we cover everything from small-scale solutions to fully redundant headends.

Thus we offer small scale, cost effective multiplexer solutions as well as professional solutions that can be combined with either integrated software encoders or stand-alone hardware encoders as well as webstream inputs.



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VoxPro's software tools let you edit, remove silence, re-record your voice, add effects, and be ready to go...in seconds.

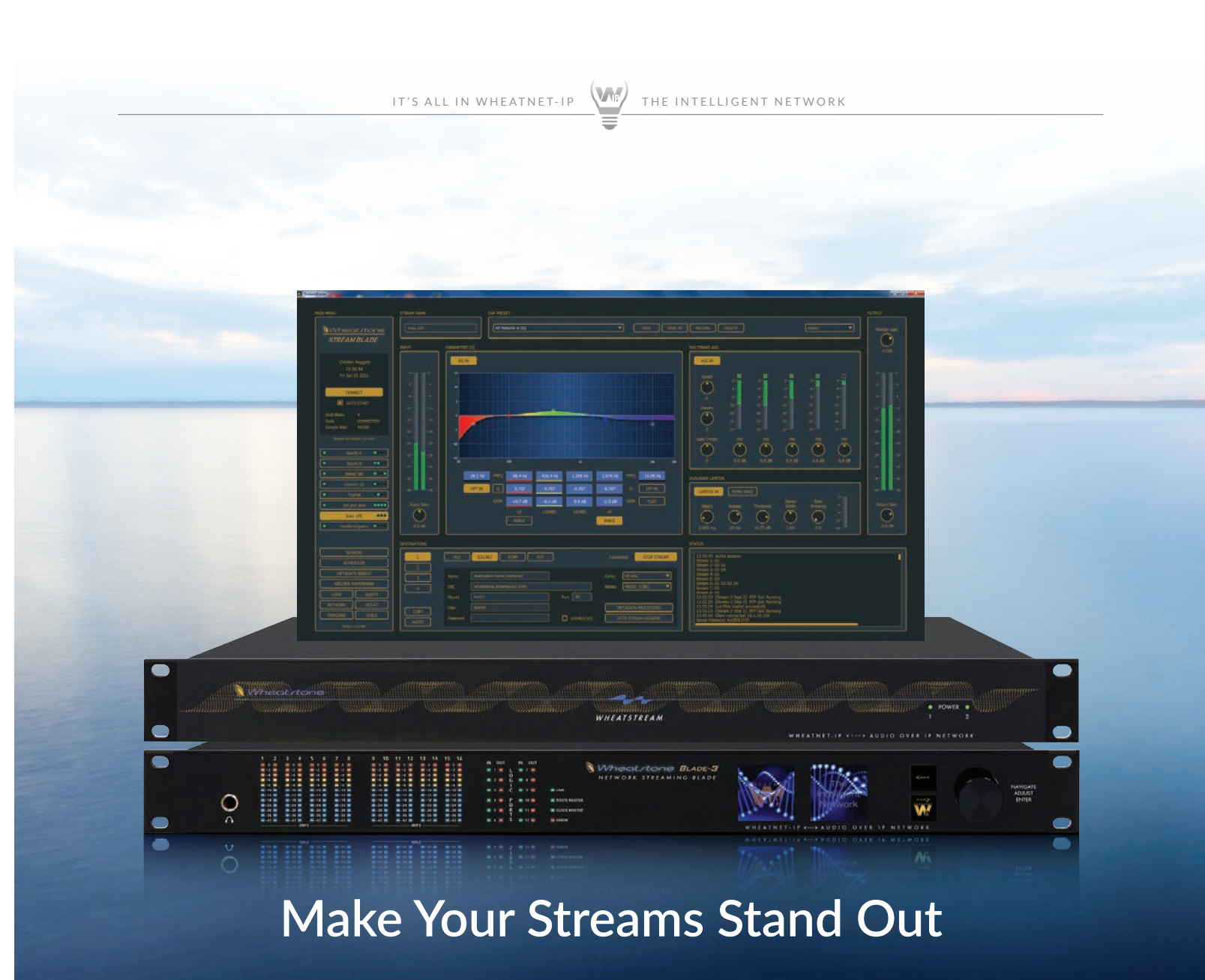
Obsessive Organization

Hot buttons put a library of clips and tracks at your fingertips. Have your entire LIVE show programmed before you even start.

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SS-CDR250N	SOLID STATE/CD RECORDER + OPTIONAL NETWORK AUDIO
MIXCAST4	PODCAST STATION WITH BUILT-IN RECORDER USB AUDIO INTERFACE

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LSR306	POWERED 6" TWO-WAY STUDIO MONITOR
LSR308	POWERED 8" TWO-WAY STUDIO MONITOR

AKG



C-1000	HIGH-PERFORMANCE SMALL DIAPHRAGM CONDENSER MICROPHONE
D-7	REFERENCE DYNAMIC VOCAL MICROPHONE
K-271MKII	K271MKII CLOSED BACK STUDIO HEADPHONES
K-712PRO	K712 PRO OPEN BACK STUDIO HEADPHONES
K-872	K872 MASTER REFERENCE HEADPHONES



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Smart operation and maintenance:

- Easy to use web GUI.
- Quality measurements & Spectrum view.
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DIGIGRAM

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MULTICHANNEL IP AUDIO CODEC



THE MOST VERSATILE AND POWERFUL MULTI-CHANNEL IP AUDIO CODEC

Made for remotes,
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Available with different audio
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ADVANCED DISTRIBUTION FOR FM, DVB AND WEB RADIO

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Take Your Remote Site Intelligence
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Monitor, Control and Automate Your Transmitter Site

- Completely Customizable **HTML 5** GUI
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Working remotely has never been easier
with a remote site management system

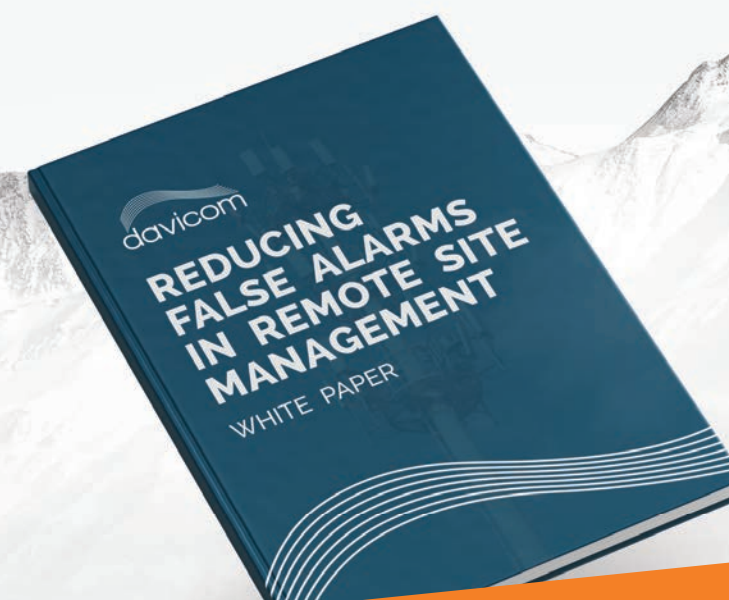
Davicom Offers the Most
Complete & Comprehensive
Remote Site Management Solution
for Broadcasters

Davicom's New Digital Temperature
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Features

- Compatible with any **SNMP** Manager, Including the **Cortex Series**
- Built for **Major Industrial** Applications
- Engineered to Make Both your Installation & Integration **Easier**

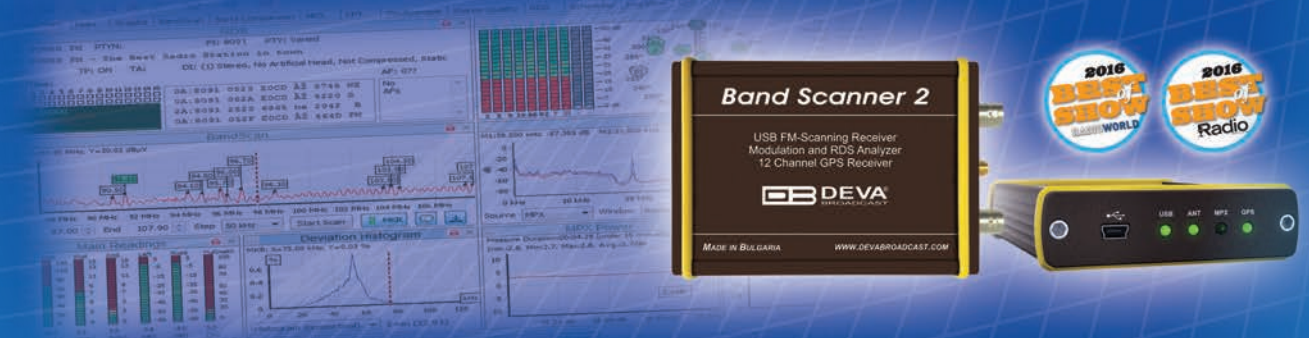
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DEVA
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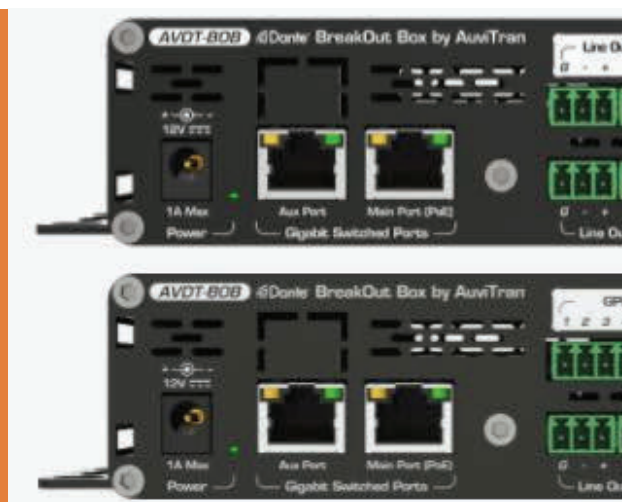
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Analytics and Monitoring																					
AOIP Networking/Routing																					
Asset Monitoring																					
Audio Processing																					
Audio Toolbox, DSP, Format Converters																					
Broadcast Consoles																					
Clock Generators																					
DAB Encoding, Multiplexing & Headend Equipment																					
DAB Tunnel Break-in Systems																					
Codecs/Encoding/Decoding																					
Enterprise Network Monitoring and Control																					
FM Transmitters																					
FM/DAB/TV Performance Monitoring																					
Handheld and Field Recorders																					
Headphones																					
Live Remote Broadcasting																					
Live Voice Editing																					
Mic/Speaker/Multimedia Stands																					
Mic/Voice Processing																					
Microphones																					
Mixers																					
Podcasting																					
Radio Streamers																					
Re-broadcast Receivers																					
Remote Site Monitoring and Control																					
RF Power Meters																					
RJ45 Adaptor Cables																					
Silence Detectors																					
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