



Several new communication, IP-based audio products and Visual Radio systems from AEQ are presented, as well as new broadcast monitors and intercom systems with the “KROMA by AEQ” brand name.

**NAB 2018 Booth: C3651**



**SYSTEL IP 16**

**SYSTELSET+**



**SYSTEL IP TV**

## **NEW NEW DEVICES AND APPLICATIONS FOR SYSTEL IP MULTI-CONFERENCE AND BROADCAST PHONE-IN SYSTEM**

Systel IP is AEQ's third generation broadcast telephone and multi-conference system operating on VoIP phone lines: it is based on a digital matrix and uses IP lines only, with dynamic and flexible control systems for different Radio, Television and Corporate applications. A new level of user's ergonomics and operating flexibility is attained with the introduction of three new products

### **SYSTELSET+ control terminal for Systel IP**

Control terminal based on a touch-screen IP phone running a new configurable control application in order to be adaptable to the most varied operating requirements. The need for a PC at each workplace is avoided for best operation convenience.

## **Systel IP TV – Multi-conference system for TV**

SYSTEL IP TV is a client application allowing for the control of SYSTEL IP 4, SYSTEL IP 12 and SYSTEL IP 16 multi-conference systems in a flexible and generic way which is well suited to the external routing of inter-com systems, coordination applications or other specific usages in TV production centers and analogous environments.

It provides, among other functions:

- Accept incoming calls manually or automatically, label calls, put them on air or leave them in a multi-conference group.
- Leave calls listening to their assigned (N-1) feedback.
- Put the calls on air, routing them to the assigned internal audio circuit.
- Leave calls in different multi-conference groups, where all group members can participate talking and listening at the same time.
- Allow the operator to talk to all lines separately or, alternatively to all the group members at the same time.

## **Systel IP16. VoIP phone system engine with Dante™ connectivity**

Systel IP 16 is a 19" 1U rack unit behaving as a multi-line IP phone with SIP signaling protocol. It can be controlled from the classic SYSTEL IP application, SYSTEL IP TV, SYSTELSET+ IP phones as well as from Neogroupe applications.

It has the capacity for 16 simultaneous IP phone lines and 4 additional ones for operator's IP phones.

Systel IP 16 counts on 4 digital audio inputs and outputs as well as 2 analog audio inputs and outputs. As an exclusive feature, it also offers ample local IP audio routing capabilities: 32 AoIP inputs and outputs using Dante protocol (compatible with AES 67), so it can be integrated into an AoIP system and use its audio in a flexible way from different devices in an IP network.

## **NEW Dante™ BASED IP AUDIO ROUTING SYSTEM**

### **Netbox DSP and Netbox 32 AD MX**

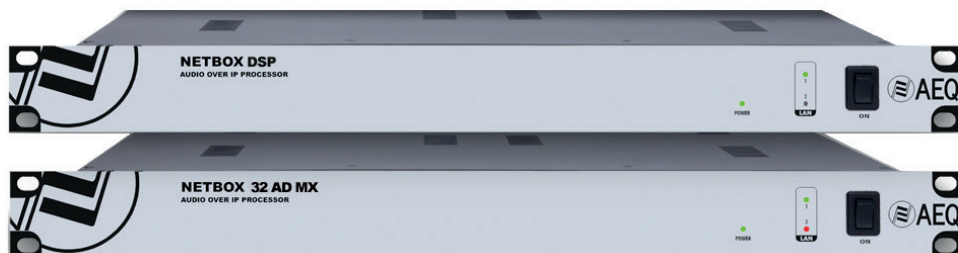
NETBOX DSP is an audio router and processor controllable from NETBOX RTC application, with mixing capabilities. It is able to receive audio from the Dante network and return it processed and mixed to be used in other devices.

It can process up to 64 audio channels. Available processes include low-pass and high-pass filters, 4-band parametric equalizer, compressor, limiter, expander, noise gate and delay.

It can also mix and route between 64 and 160 channels, depending on the particular version.

NETBOX 32 AD MX is an audio router with mixing capabilities, controllable from NETBOX RTC application. It features 16 analog inputs and outputs, 8 AES3 dual/stereo and 32 Dante-protocol IP inputs and outputs.

Also, both NETBOX DSP and NETBOX 32 AD MX feature 16 GPI and 16 GPO that can be transported to other devices through the Dante network.

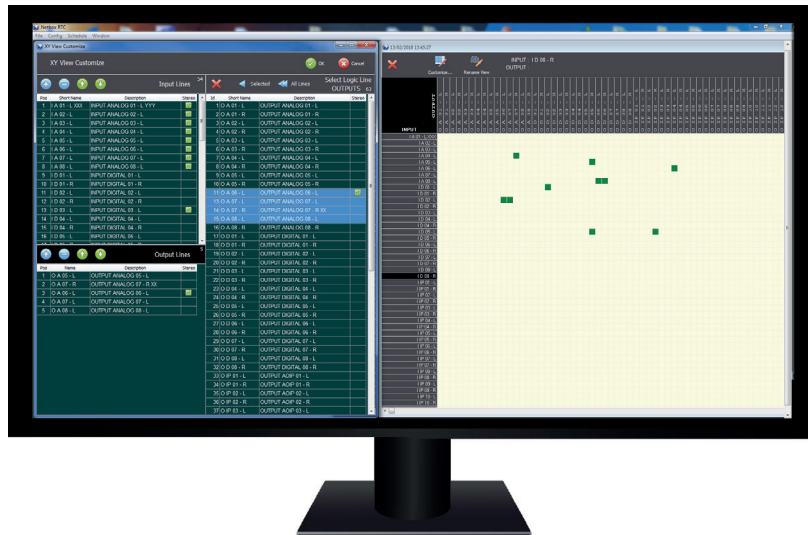


## NEW NETBOX RTC

NETBOX RTC application allows NETBOX 32 AD MX and NETBOX DSP devices to operate as autonomous audio routers with analog, digital and up to 160 AoIP Dante / AES67 inputs and outputs, depending on the configuration.

This application allows for the mixing and distribution of audio and the creation of multiple switching basing on macros and salvos that can be triggered manually, responding to external commands or automatic scheduling. Lines can be protected and control can be distributed among several users and workstations according to a rights policy. Systems including NETBOX DSP can process up to 64 audio signals.

Available processes are: low-pass & high-pass filters, four-band parametric equalizer, compressor, limiter, expander, noise gate and delay.



## NEW VISUAL RADIO SOLUTIONS in collaboration with BROADCAST PIX

Massachusetts based Broadcast Pix<sup>TM</sup> and AEQ have reached an agreement on product integration. The integration involves Broadcast Pix' Integrated Production Switches and AEQ's Mixing Consoles Capitol IP, Forum IP, ARENA and Netbox interfaces , allowing for the automation of video production based upon audio levels and thresholds. The need for a technical director during live video productions is eliminated, in particular for Visual Radio and other institutional or corporative solutions.

When an AEQ product is paired with any Broadcast Pix integrated production switcher, automatically, the microphone or audio channel in use is detected, and the predefined actions in regards to the video-follow-audio automated production are triggered. These solutions have already been successfully implemented in some reference radio stations.



## **NEW LM 9055 BROADCAST MONITOR**

Last year we presented the Series 9000 Broadcast Monitors with the KROMA by AEQ brand, in sizes of 24" and 31", with 4K resolution, making them ideal for reference and signal monitoring in TV / Video production centers. They feature 10bit processing, signal measuring instruments, HDR, color space adjustment, Closed Captions, etc.

The new 55" monitor will be presented this year.

