The New Nexia TC and Nexia VC digital signal processors. With built-in wideband acoustic echo cancellation.

When Biamp launched Nexia®, it was hailed as one of the coolest products of the year. Now, we've done it again – with Nexia TC and Nexia VC. These intuitive, network-ready processors provide a full range of audio routing and signal processing features, including full wideband acoustic echo cancellation, in single, economical, easy to install boxes.

Designed specifically to provide crisp, clear audio in any video-conferencing or teleconferencing application, these processors deliver true 20Hz to 20kHz wideband acoustic echo cancellation without compromising core DSP resources.

“THE USE OF DISTANCE CONFERENCING ON BROADBAND FEEDS, VIDEOCONFERENCING WITH HIGH QUALITY CODECS AND THE USE OF VOIP ALL DEMAND DEDICATED ACOUSTIC ECHO CANCELLATION.”
Matt Czyzewski, Vice President of Technical Operations, Biamp Systems

Nexia TC and VC are economical, intuitive solutions for any audio or video network, and give integrators all the functionality of Biamp’s Nexia, plus some of the flexibility of the Audia® Digital Audio Platform – all in a single rackspace box. You’ll save time, effort and, ultimately, money.

“WITH THE BIAMP TRUESOUND™ AEC ALGORITHM BUILT INTO NEXIA TC AND NEXIA VC, BIAMP CUSTOMERS NOW HAVE ONE OF THE (SIMPLEST) MOST POWERFUL ACOUSTIC ECHO CANCELLATION SOLUTIONS AVAILABLE FOR CONFERENCING SYSTEMS.”
Ralph Lockhart, President, Biamp Systems

Our proprietary Biamp TrueSound™ AEC Algorithm is built into Nexia TC and Nexia VC. It provides all the highs and all the lows so conferences sound true to life.

Industry Awards

NEXIA TC:
“Pick Hit Award”
Sound & Video Contractor
InfoComm 2006

NEXIA VC:
“Most Innovative Audio Processing or Distribution Product”
Sound & Video Contractor
InfoComm 2007

New Accessories

Voltage Control Box (VCB) for Nexia control with 4 ports & 4 logic connections

Remote Control Bus Hub (RCB HUB) for “multi-branch” wiring of control network

For More Information

www.biamp.com
800.826.1457
ANOTHER BIAMP INDUSTRY FIRST

NEXIA TC – TELECONFERENCE DSP

Nexia TC is a digital signal processor with 8 wideband AEC mic/line inputs, 2 standard mic/line inputs, 4 mic/line outputs, and a telephone interface. Intended for a variety of teleconferencing applications, Nexia TC includes a broad selection of audio components, routing options, and signal processing.

The internal system design is completely user definable via PC software, and can be controlled via dedicated software screens, RS-232 control systems, and/or a variety of optional remote control devices. Multi-unit Nexia systems can be created utilizing Ethernet and NexLink digital audio linking.

FEATURES:

• Biamp TrueSound™ AEC Algorithm
• 8 wideband AEC balanced mic/line inputs
• 2 standard balanced mic/line inputs
• 4 balanced mic/line outputs
• Telephone interface with line & set connections
• Ethernet port for software configuration/control
• Serial port for third-party RS-232 remote control
• Remote control bus for dedicated control panels
• NexLink ports for multi-unit system designs
• Nexia software for Windows® 2000/XP
• Pre-configured I/O with definable processing
• CE marked and UL listed
• Covered by Biamp Systems’ five-year warranty
• Ability to select, view, and calibrate: Mixers, Equalizers, Filters, Crossovers, Dynamics, Routers, Delays, Controls, Generators, and Diagnostics.
• Telephone Interface capabilities include:
  • Initiation of outgoing calls
  • Detection and answering of incoming calls
  • Line echo cancellation
  • Touchtone™ decoding
  • Caller ID reception
  • Call progress detection
  • Line intrusion detection
  • Continuous line status and fault monitoring

NEXIA VC – VIDEOCONFERENCE DSP

Nexia VC is a digital signal processor with 8 wideband AEC mic/line inputs, 2 standard mic/line inputs, 4 mic/line outputs, and a codec interface. Intended for a variety of videoconferencing applications, Nexia VC includes a broad selection of audio components, routing options, and signal processing.

The internal system design is completely user definable via PC software, and can be controlled via dedicated software screens, RS-232 control systems, and/or a variety of optional remote control devices. Multi-unit Nexia systems can be created utilizing Ethernet and NexLink digital audio linking.

FEATURES:

• Biamp TrueSound™ AEC Algorithm
• 8 wideband AEC balanced mic/line inputs
• 2 standard balanced mic/line inputs
• 4 balanced mic/line outputs
• Codec interface with balanced line input & output
• Ethernet port for software configuration/control
• Serial port for third-party RS-232 remote control
• Remote control bus for dedicated control panels
• NexLink ports for multi-unit system designs
• Nexia software for Windows® 2000/XP
• Pre-configured I/O with definable processing
• CE marked and UL listed
• Covered by Biamp Systems’ five-year warranty
• Ability to select, view, and calibrate:
  • Mixers: standard, automatic, matrix, and combiners
  • Equalizers: graphic, parametric, feedback
  • Filters: HPF, LPF, high shelf, low shelf, all-pass
  • Crossovers: 2-Way, 3-Way and 4-way
  • Dynamics: leveler, comp/limiter, ducker, ANC
  • Routers: 2x1 ~ 32x32
  • Delays: 0 ~ 2000 ms
  • Controls: levels, presets, logic, RS-232, etc.
  • Generators: tone, pink-noise, white-noise
  • Diagnostics: transfer function