



The Professional Standard For 30+ Years

## NexSys® Series AMPLIFIER CONTROL OPTIONS



NexSys® is scalable and features signal processing, output monitoring, speaker control, amplifier system fault monitoring, real-time control of amplifier and signal processing settings and virtually unlimited snapshot and automation capabilities.



### Nx ETHERNET MODULE

OPTIONAL MODULE FOR NEXSYS  
CONTROL OF CKi AMPLIFIERS

- Gain control
- Sequential power
- Amplifier monitoring
- Audio return via Ethernet
- Real-time load monitoring: uses program audio (music) to continually monitor the speaker impedance
- Samples in the frequency spectrum are compared in real time to give test as accurate impedance vs. frequency plots
- LED display enables in-rack readout and monitoring of temperature, gain, AC voltage, mute and fault status
- Multiple points of control
- Expansion connector for NxDSP option



### Nx COBRANET MODULE

OPTIONAL MODULE FOR NEXSYS  
CONTROL AND COBRANET DIGITAL  
AUDIO

- Brings two channels of audio to the amplifier via CobraNet
- Performs the full suite of NexSys functions at the same time (identical to Nx Ethernet)
- Control Data and Audio are on the same wire; only one cable needs to be routed to each amplifier, dramatically reducing wire nest and complexity



### Nx DSP

#### OPTIONAL DSP FOR NEXSYS CONTROL AND COBRANET DIGITAL AUDIO

- Eight-channel line-level outputs with the ability to distribute DSP-processed signals to non-NexSys amplifiers
- Eight channels of digital signal speaker processing



*Features and specifications subject to change without notice.*

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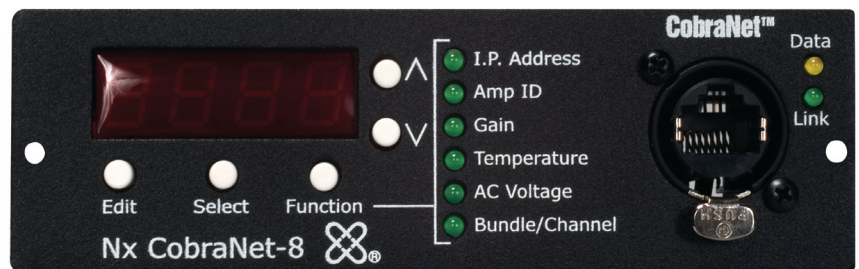
## NexSys® Series AMPLIFIER CONTROL OPTIONS



All NexSys® devices can be configured and monitored by Crest Audio's NexSys 4 software or by MediaMatrix® MWare™ or NWare™ software.

### Nx COBRANET-8 MODULE OPTIONAL MODULE FOR NEXSYS CONTROL OF *Ci* AMPLIFIERS

- Brings eight channels of audio via CobraNet® to the amplifier
- Performs the full suite of NexSys functions at the same time (identical to Nx Ethernet)
- Control data and audio are on the same wire; only one cable needs to be routed to each amplifier, dramatically reducing wire nest and complexity
- Eight channels of digital signal speaker processing



The screenshot displays the NexSys 4 software interface with several panels:

- Top Left:** A small window showing 'NioNode: NioNode1' and 'Crest CKi 100s' with a 'Sine' button and four output lines labeled 'NioNode 1, CKi-1, out 1' through 'out 4'.
- Top Center:** A panel for 'Crest CKi 100s' showing a digital display and various status indicators.
- Top Right:** A panel for 'CobraNet' showing 'Line Voltage' at 119.0, 'Power' status, and buttons for 'Mezz A', 'Exit Ramps', 'Corridor Level 1', 'Upper Level', 'Conference Room A', 'Field A', 'Conference Room B', 'Feild B', 'CobraNet In', and 'CobraNet Out'. There are also 'Control Voltages' and 'Input Priorities' buttons.
- Bottom Left:** A large panel for 'Crest CKi 100s' showing a detailed configuration table with columns for 'ip 1' through 'ip 4', 'NX', 'Poll Delay', and 'Timeout'. It also includes 'Values' for 'Gain', 'Clip', 'IGM', 'DC', 'Thermal', 'User', 'RTLM', '% Hi', '% Lo', 'dB', 'Mute', and 'temp' for two channels.
- Bottom Center:** A panel for 'Mezz A' showing 'Gain' at -35.5, 'Clip' status, 'IGM', 'DC Prot.', 'Thermal', 'User Therm', 'RTLM', 'Mute', 'Ret.', and 'Temp' at 45.
- Bottom Right:** A panel for 'Feild B' showing 'Gain' at -18, 'Clip' status, 'IGM', 'DC Prot.', 'Thermal', 'User Therm', 'RTLM', 'Mute', 'Ret.', and 'Temp' at 45.