NC-NXS Full NexSys® Functions & Control

Product Information

The NC-NXS is the 'central' NexSys interface module that supports all NexSys functions, including Load, AC and Line-Level Output Audio Return Monitoring, Amplifier ID, Module ID, and NexSys-initiated Sequential Turn-On/Off. It fits in the Network bay located on the rear panel of Crest Audio CKS, CKV & CKX Series Power Processing amplifiers.
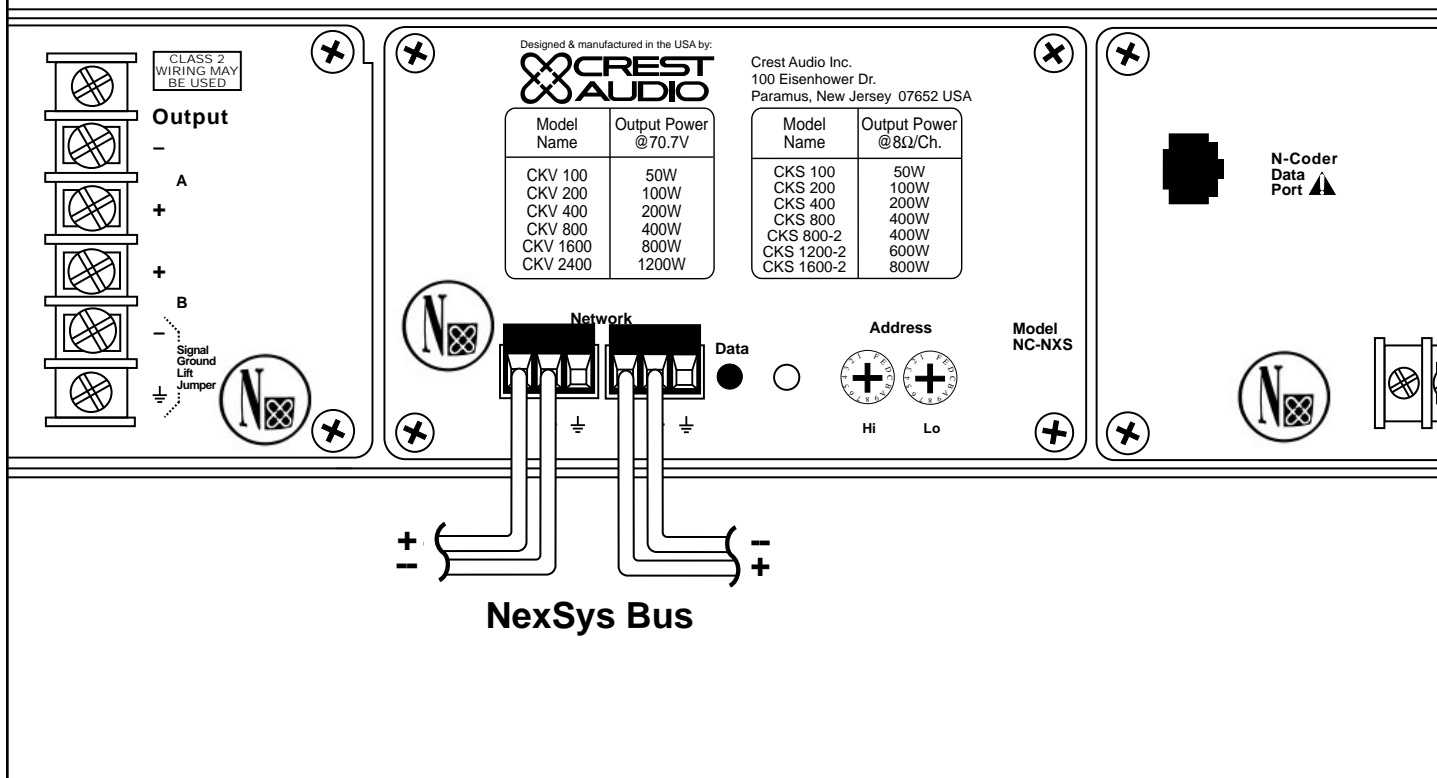
The NC-NXS requires both an NC-IPN (or any other programmable Input Processor NC Module) and a compatible Power/Output NC Module. Connection to the NexSys data bus is via two 5mm three-pin Phoenix connector. Data bus address selection is via two recessed rotary switches. A Data LED indicates data signal presence.

Firmware is upgradable thru the NexSys system.

Features

- Microprocessor-based NexSys network interface
- NexSys-downloadable firmware permits easy future upgrade path
- Twisted-pair data bus connection via two 5mm 3-pin Phoenix connectors
- Level, load and line monitoring
- Provides for all NexSys functions
- Data signal present LED
- Monitoring of amplifier status
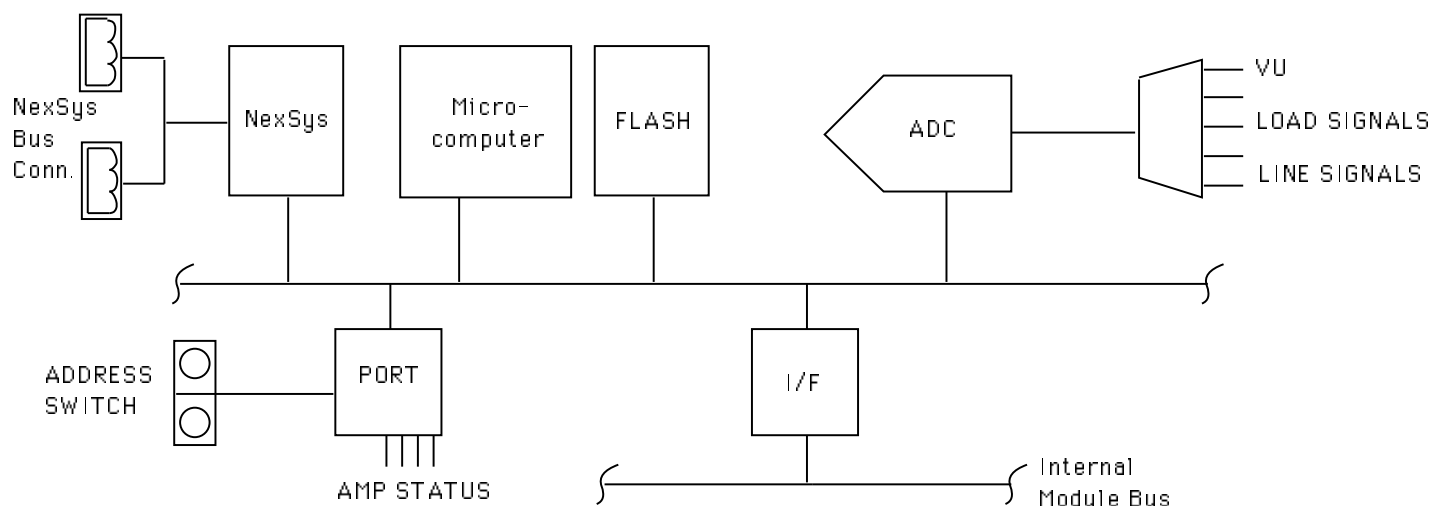- Computer sequential turn-on/off (STO) control

NC-NXS connections

CLASS 2 WIRING MAY BE USED

Output

− A + + B −

Signal Ground Lift Jumper

Designed & manufactured in the USA by:

CREST AUDIO

Crest Audio Inc.
100 Eisenhower Dr.
Paramus, New Jersey 07652 USA

Model Name	Output Power @70.7V
CKV 100	50W
CKV 200	100W
CKV 400	200W
CKV 800	400W
CKV 1600	800W
CKV 2400	1200W

Model Name	Output Power @8Ω/Ch.
CKS 100	50W
CKS 200	100W
CKS 400	200W
CKS 800	400W
CKS 800-2	400W
CKS 1200-2	600W
CKS 1600-2	800W

Network

Data

Address

Model NC-NXS

Hi Lo

N-Coder Data Port

+ − **NexSys Bus** − +

BLOCK DIAGRAM

NexSys Bus Conn.

NexSys

Micro-computer

FLASH

ADC

VU

LOAD SIGNALS

LINE SIGNALS

ADDRESS SWITCH

PORT

I/F

AMP STATUS

Internal Module Bus

SPECIFICATIONS

Connectors:	Two 5mm 3-pin Phoenix NexSys network connectors
Controls:	Two NexSys network address dials
Indicators:	Data present LED

CONTROL OPTIONS

The NC-NXS microprocessor-based network interface provides for all NexSys functions, including:

• Monitoring of amplifier status, level, load;

• Line monitoring;

• Sequential turn-on/off (STO) control.

Refer to specific module data sheets for more information.

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