

## GENERAL INFORMATION

The Net3 Show Control Gateway uses bidirectional communication with other network devices to forward MIDI and SMPTE signals over Ethernet removing the restrictions of physical cable length. Built on the reliability and quality of ETC's Network development, Show Control Gateways are built for the Net3 protocol powered by the industry standard ACN.

### APPLICATIONS

- Roadhouse
- Touring
- Theme Parks
- University/Professional Theatre
- Archtainment Applications
- Road House
- Touring
- System Integration

### FEATURES

- Transmit MIDI Show Control input and output over Ethernet
- Transmit MIDI Time Code input over Ethernet
- Transmit SMPTE Time Code input over Ethernet
- Supports Net3 protocol powered by ACN
- LCD screen for labeling, status and configuration information
- Power and Network status indicators
- Power over Ethernet (PoE) or external DC power supply
- Versatile compact size
- Configurable using Network Software utility (GCE/NCE) or directly from AC

## ORDERING INFORMATION

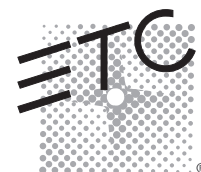
### Net3 Show Control Gateway

MODEL	DESCRIPTION
N3SCG	Net3 Show Control Gateway

### Net3 Gateway Accessories

MODEL	DESCRIPTION
N3GA-PS	Net3 Gateway Universal Power Supply*
N3GA-RM	Net3 Gateway Rack Mount Kit
N3GA-HBU	Net3 Gateway Hanging Bracket Kit with U-bolt

\*N3GA-PS includes plugs for United States/Japan, Europe, Great Britan, and Australia/China. Used with Net3 Four-Port, Two-Port, Show Control and I/O Gateways.



## SPECIFICATIONS

**GENERAL**

- Distributes connections for MIDI and SMPTE via Ethernet
- CE compliant and ETL Listed
- RoHS Compliant (lead-free)

**FUNCTIONAL**

- Supports Net3/ACN (ANSI E1.17)
- Compliant with IEEE 802.3i for 10BASE-T, 802.3u for 100BASE-TX and 802.3af for Power over Ethernet

**MECHANICAL**

- Fabricated from 16-gauge cold-rolled steel
- Finished in black fine-texture, scratch-resistant, powder coat
- Menu Button for backlight/paging control
- Backlit LCD display for identification and status reporting:
  - Gateway identification
  - Network configuration
  - MIDI and SMPTE configuration
- Front and rear Power and data indicators
  - Blue power indicators
  - Green network activity indicator
- Front Panel RJ45 for connection to lighting network
- Reset button for hard reset or forced reboot
- MIDI In/Out/Thru ports on rear of unit
- SMPTE In port (3-pin Female XLR) on rear of unit
- Optional pipe-mount and rack-mount kits available
- 1U height
- 1/2 rack width support side by side mounting of two NET3 Gateways

**ENVIRONMENTAL**

- Ambient operating temperature: 0° to 40°C (32° to 104°F)
- Operating humidity: 5% - 95% non-condensing
- Storage temperature: -40° to 70°C (-40° to 158°F)

**POWER**

- Supports IEEE802.3af Power over Ethernet or optional 8-28Vdc external power supply
- Maximum power consumption less than 5 watts

## ADDITIONAL INFORMATION

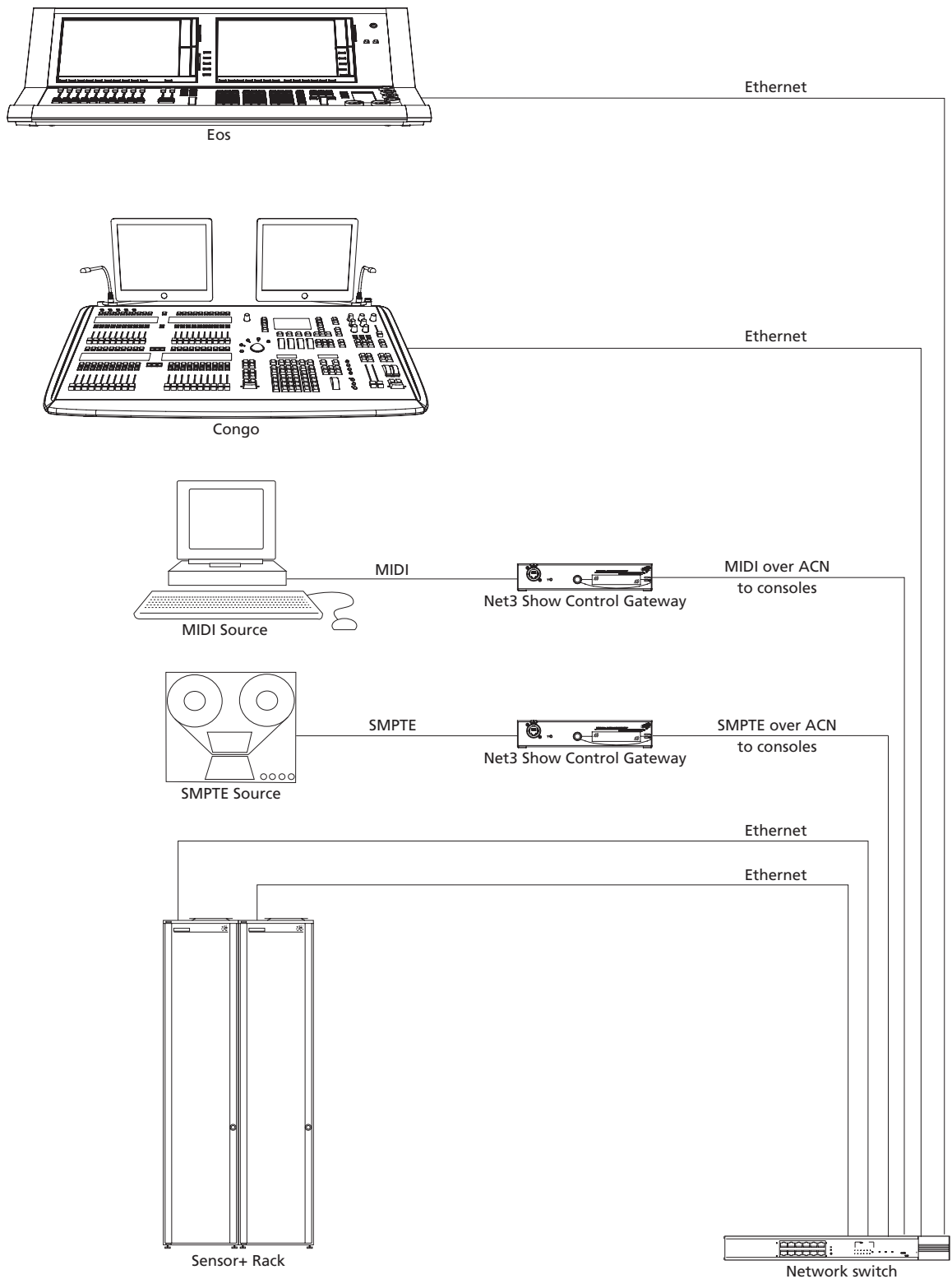
**ACN**

Architecture for Control Networks (ANSI E1.17) is a standard for high-speed bidirectional communication over TCP/IP on Ethernet network infrastructure. ACN is an open suite of protocols used between network devices for the purposes of greater and more adaptive control.

**NET3**

ETC's enhanced implementation of the standard ACN Protocol Suite (ANSI E1.17 and E1.31) including additional communication protocols for specialized applications and support of legacy systems.

TYPICAL NETWORKED SYSTEM RISER



PHYSICAL

**Net3 Show Control Gateway Dimensions**

MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
N3SCG	1.65	42	8.5	216	7.46	189

**Net3 Show Control Gateway Weights**

MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
N3SCG	5.5	2.5	8	3.6

**Net3 Gateway Accessories**

MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
N3GA-PS	0.5	0.2	1	0.5
N3GA-RM	1.5	0.7	2	0.9
N3GA-HBU	0.8	0.4	1	0.5

