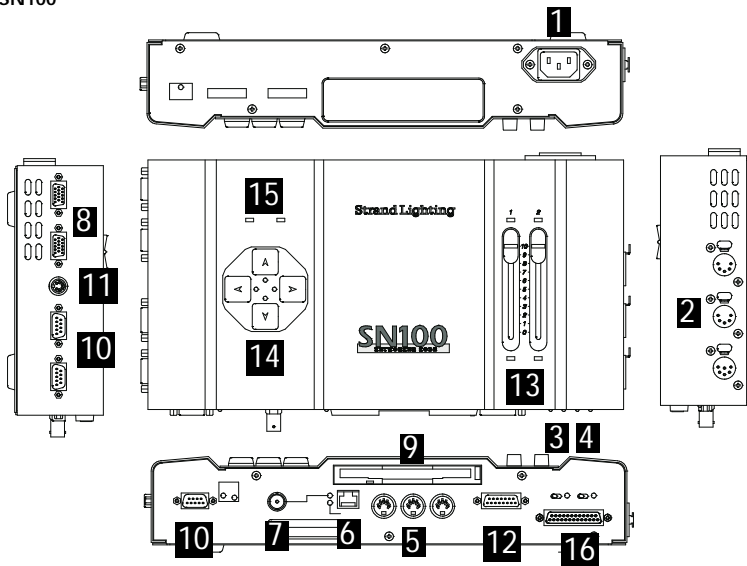


Strand Lighting

PRODUCT DATA

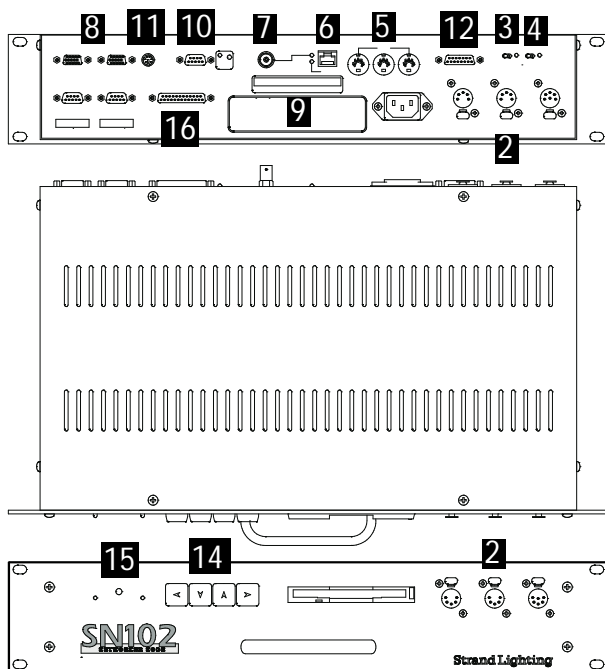
A Guide to SN100 & SN102

SN100



- | | |
|--|--|
| 1. Mains input | 10. Comms ports (3) |
| 2. DMX 512 in/out | 11. Keyboard port |
| 3. Dimmer feedback termination switch | 12. Analog in |
| 4. Remote control interface termination switch | 13. Programmable slider faders with LEDs (2) |
| 5. MIDI In/Thru/Out | 14. CRT display scroll controls |
| 6. Ethernet 10BaseT | 15. Power and Network OK indicator LEDs |
| 7. Ethernet 10Base2 | 16. Parallel Printer port |
| 8. Video out (2) | |
| 9. Floppy disk drive | |

SN102



SN100™ SN102™ SN104™ Ethernet Nodes

ShowNet™ Software

SN100™ & SN102™

- Microprocessor-based Ethernet nodes offering a wide range of console connection facilities at a remote location
- For use with the ShowNet™ data distribution system
- Designed for use with 500 Series consoles with Networker™ software installed
- Local connections and control of two CRT screens
- Two selectable DMX In/Out lines
- SN100 for use as portable unit or, with the mounting kit supplied, for wall mounting
- SN102 for 19" Rack mounting
- Two SN100/102 units connected together may be used to distribute DMX over long distances using Ethernet independently of a console
- Universal power supply
- Choice of Ethernet connection systems - 10Base2 and 10BaseT
- Programming via network, 3.5" disk drive or keyboard port
- MIDI connection, RS485 & RS232 ports and four CRT display controls are provided to support a wide range of applications

SN104™

- Provides remote DMX and handheld remote control over Ethernet for all consoles
- 10BaseT Ethernet connections
- 48v DC powered

ShowNet™

- Windows based software to configure DMX over Ethernet distribution
- Configurations can be saved to disk on PC and downloaded to nodes as required

SN100 & SN102

The Strand SN100 and SN102 are microprocessor based devices for providing access, at a remote location, to signals present at a Strand 500 Series console operating Networker™ software. They are multipurpose Ethernet nodes which offer connections for DMX signals, and up to two VGA monitors. SN100 may be permanently installed by wall-mounting using the bracket supplied, or simply connected temporarily to any Ethernet output where access to specific signals is needed. SN102 offers similar facilities but in a 19" rack mounted version. Operating software is supplied with Networker™ application software and is installed via the floppy disk drive of the SN100 and SN102.

Cat. No. Description

65100	SN100 Ethernet Node, freestanding or wall mounted
65102	SN102 Ethernet Node, 19" rack mounted

Technical Specifications SN100/SN102

Supply Voltage	240V 50/60Hz, autosensing
Processor	Intel® 386 processor.
Archive Memory	3.5" floppy disk (DOS)
Connections	DMX: DMX512 (512 dimmers per port, selectable In/Out), 5 pin female XLR (2) Handheld remote, RS232/RS485, 6 pin female XLR (1) Comms ports, RS232, 9 pin male D-type (1) MIDI (In/Thru/Out) (3). 12 Analog Inputs +10V, 15 pin D-type female (1) Keyboard, mini-DIN (1). VGA monitors, high density 15 pin female D-type (2) Ethernet: 10Base2 thin wire, BNC 10BaseT twisted pair, RJ45 Power inlet: IEC320 (male)
Standards Compliance	EMC emissions to EN50081-1, EN55014; EMC immunity to EN50082-1, IEC1000-2-2; Safety: EN60950, EN60439 Part 1 (also part 12 BS5486); design & build: ISO9000, UL1950
Software	SN100 operating and configuration software is supplied with Networker™ Application Software.
Control Capacity	Up to 1024 DMX signals for dimmers, scrollers or DMX automated lights. May be configured to 1024 out, 512 in & 512 out or 1024 in. DMX address ranges for each DMX line on the network are set up at the console

ShowNet™

Windows based software to configure DMX over Ethernet data distribution systems for use with Networker or standalone. Configurations can be saved to disk on PC and downloaded to nodes when required. PC is not required to run ShowNet. This software is included with the SN100/SN102 network nodes and is available free of charge from the Strand World Wide web page. (see below)

Cat. No. Description

67519	ShowNet Application Software
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SN104

SN 104 is a wall mounted network node allowing cost effective distribution of up to four DMX or Handheld Remote signals over Ethernet wiring.

Cat. No. Description

65104	SN104 DMX Ethernet Node, wall mounted
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Technical Specifications SN104

Supply Voltage	48V DC
Connections	4 DMX In/Out 5 pin female XLR Ethernet 10BaseT
Standards Compliance	EMC emissions to EN50081-1, EN55014; EMC immunity to EN50082-1, IEC1000-2-2; Safety: EN60950, EN60439 Part 1 (also part 12 BS5486); design & build: ISO9000, UL1950
Control Capacity	Up to 1024 DMX signals for dimmers, scrollers or DMX automated lights. May be configured to 1024 out, 512 in & 512 out or 1024 in. DMX address ranges for each DMX line

Environmental Data

Operating Temp	0° to 40°C ambient (32° to 104°F)
Storage Temp	-40° to 70°C (-40° to 158°F)
Humidity	5% - 95% non-condensing

Mechanical Data

Construction	Zinc coated steel box construction. Flame proof ABS controls
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Weight and Dimensions

	SN100	SN102	SN104
Length	12.9" (330mm)	19" (483mm)	8" (203mm)
Depth	6.5" (165mm)	10.2" (260mm)	4" (101mm)
Height	2.6" (65mm)	3.5" (88mm)	8" (203mm)
Weight	6.8lb (3.1kg)	7.7lb (3.5kg)	7.7lb (3.5kg)

System Requirements**Consoles**

Strand 520, 530, 550	max. 1500 channels, 500 attributes
Strand 520i, 530i, 550i	max. 2000 channels, 2000 attributes

Software

GeniusPro™ V1.3 or later
Lightpalette™ V1.4 or later
Networker™ V1.3 or later
CommuniquePro™ (optional for MIDI and MSC)

Network

Ethernet wiring system - Standard 10Base2 (Thin wire) or 10BaseT (Twisted pair) cabling systems.

For more information on Strand products and World Wide facilities see our Web page

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ALSO
FACILITIES IN: **NEW YORK • ROME • WOLFENBÜTTEL • STOCKHOLM • BRUSSELS**

Strand Lighting Ltd

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