

# HORIZON 1024 Ethernet Node



## IPS-HZ-1024

The IPS-HZ-1024 Ethernet Node converts any Pentium® PC into a lighting control console with two universes of DMX512. Because it plugs into the ethernet port using a standard Category 5 cable and connector, the IPS-HZ-1024 is easily networked with other ethernet control devices. Networking more than one 1024 Ethernet Node will allow up to six DMX512 universes (3072 dimmers or other devices) per system.

The standard 1024 Ethernet Node supports an optional mouse, keyboard, and monitor. A serial port may be used for RS232/485, a Remote Focus Unit, or a Submaster Wing Panel. Optionally, the IPS-HZ-1024 can also support: SMPTE Time Code, MIDI Time Code, MIDI Commands, MIDI Show Control, and up to 96 additional digital input/output lines. Another optional interface allows users to program the VISTA-style button stations to activate HORIZON™ functions.

HORIZON™ system software, included with the 1024 Ethernet Node, runs under Windows 95® or Windows 98®. The HORIZON™ system is a top-of-the-line lighting control console providing all features standard on Broadway style last action consoles. HORIZON™ upgrade options provide additional power and flexibility. Many unique features are offered:

- Multiple asynchronous cue lists
- Plot and patch data import from commonly used paperwork programs
- Channel labels
- Graphic Helper Symbols
- What's This? function (Silver Upgrade)
- Active Magic Sheets™ (Silver Upgrade)

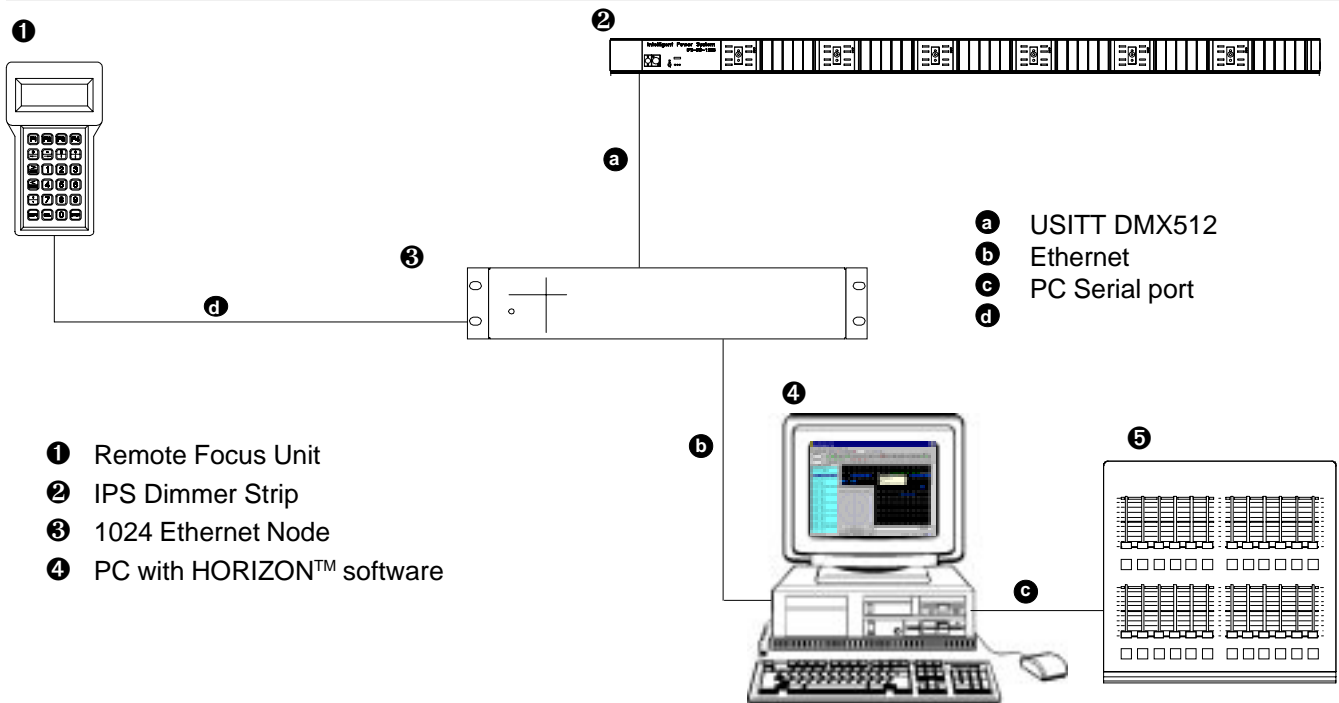
## Features

- ◆ Two DMX universes - 1024 output channels
- ◆ Connects to ethernet port – use with standard desktop or laptop PC
- ◆ May be networked for systems requiring more than 1024 DMX channels
- ◆ 19" rack mount enclosure
- ◆ Buffers DMX data – no blackout if the PC fails
- ◆ Operating system - Windows 95® or Windows 98®
- ◆ Timebase per channel
- ◆ Multiple cue lists - unlimited overlapping fades
- ◆ Graphical user interface
- ◆ Supports IPS Talkback™ and IPS Remote Commands™
- ◆ Supports HORIZON™ Remote Focus Unit or Submaster Wing Panel
- ◆ Two isolated relay driver outputs

This product is compliant with EN55103-1 and EN55103-2, the new standard for professional audio, video, and lighting products in the EU.

## Outline Specification

Number Of DMX Universes Per Interface	2
Number of DMX Channels per Interface	1024
Maximum Number of Interfaces per PC	Unlimited
Maximum Number of DMX Channels per PC	3072
Interface	Ethernet (TCP/IP)
Supply Voltage	90 -130 Volts (180-260 V option available)
Frequency	50 / 60 Hz.
Isolated Contact Closure Inputs	2
Isolated Relay Driver Outputs	2
MIDI In, Out, and Through	Optional
SMPTE Time Code	Optional
RS 232/485	Yes
DMX Data Hold	Yes
DMX Renumber	Any of 3072 channels to any output
Supports IPS Talkback and Remote Commands	Yes
Standard Horizon Software	Included
Rack Mount	Mounting Ears Provided



## Order Checklist

IPS-HZ-1024	HORIZON 1024 Ethernet Node
IPS-HZ-SWP	HORIZON Submaster Wing Panel
IPS-HZ-RFU	HORIZON Remote Focus Unit
IPS-HZ-GOLD	HORIZON Gold Software Upgrade
IPS-HZ-SILVER	HORIZON Silver Software Upgrade
IPS-HZ-SMPTE	SMPTE / MIDI Interface Card
IPS-HZ-48IO	48-channel Digital I/O Card
IPS-HZ-D12M	12-Module (48 channel) Digital I/O Tray
IPS-HZ-IDC5	4-channel 10-32 VDC Input Module
IPS-HZ-ODC5R	4-channel Dry Contact Output Module
IPS-DX-( )	DMX512 cable with connectors (length in feet)



**Home Office:** 2181 NW Front St. • Portland, OR 97209 • USA • (800) 223-9477 • (503) 222-9944 • Fax (503) 227-1562  
**Canada:** 1241 Dension St. #44 • Markham, Ontario L3R 4B4 • Canada • (888) ROSCO TO • (905) 475-1400 • Fax (905) 475-3351  
**South America:** Rua Antonio De Barros, 827 • São Paulo SP • Brasil CEP 03401-000 • (011) 218-2865 • Fax (011) 218-0193  
**Europe:** Blanchard Works • Kangley Bridge Road • Sydenham, London SE26 5AQ • England • (181) 659-2300 • Fax (181) 659-3153  
**Australia:** 42 Sawyer Lane • Artarmon 2064 New South Wales • Australia • (02) 9906-6262 • Fax (02) 9906-3430  
**Home Page:** www.rosco-et.com • **Email:** sales@rosco-et.com  
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