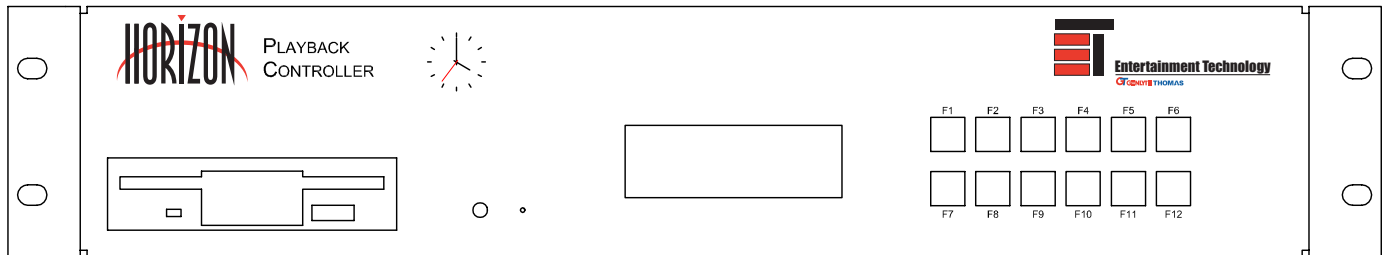


## Playback Controller



### IPS-HZ-PBC

The Horizon Playback Controller is a stand-alone unit that can reproduce cues and effects recorded using a Horizon™ Console. In addition, the Playback Controller supports a large number of macros. Macros can do (but are not limited to) the following: initiate cue sheets, activate cues, manipulate submasters, and start effects.

The standard Playback Controller comes with Horizon Silver software and supports the following: twelve front panel push buttons (which duplicate Horizon function buttons), two digital inputs, two digital outputs, two universes of DMX512 and a RS232/RS485 serial command port. The front panel LCD display shows user-programmed text messages.

The Playback Controller can also support the following options: 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 button stations to perform Horizon functions.

The Playback Controller's internal clock allows you to schedule both time-of-day and astronomical events. Astronomical events may be scheduled before or after sunrise, sunset and twilight.

The Playback Controller can run in stand-alone mode or may be attached to any TCP/IP network, allowing it to be monitored, synchronized and controlled from a central location. The Playback Controller is a WEB Server and can serve Active Magic Sheets™ to any computer on the network. All Horizon peripherals use standard TCP/IP network protocol and can be connected to a dedicated network, a local area network (LAN), a wide area network (WAN), or the internet.

### Features

- ◆ Timebase per channel
- ◆ Multiple asynchronous Cue Lists
- ◆ Unlimited overlapping fades
- ◆ Active Magic Sheets™
- ◆ Graphical user interface
- ◆ Ethernet network node
- ◆ Two DMX universes (1024 Channels)
- ◆ Time of day events
- ◆ Astronomical time clock
- ◆ Pushbutton events
- ◆ External trigger events (track triggers)
- ◆ Serial command port (RS-232/RS-485)

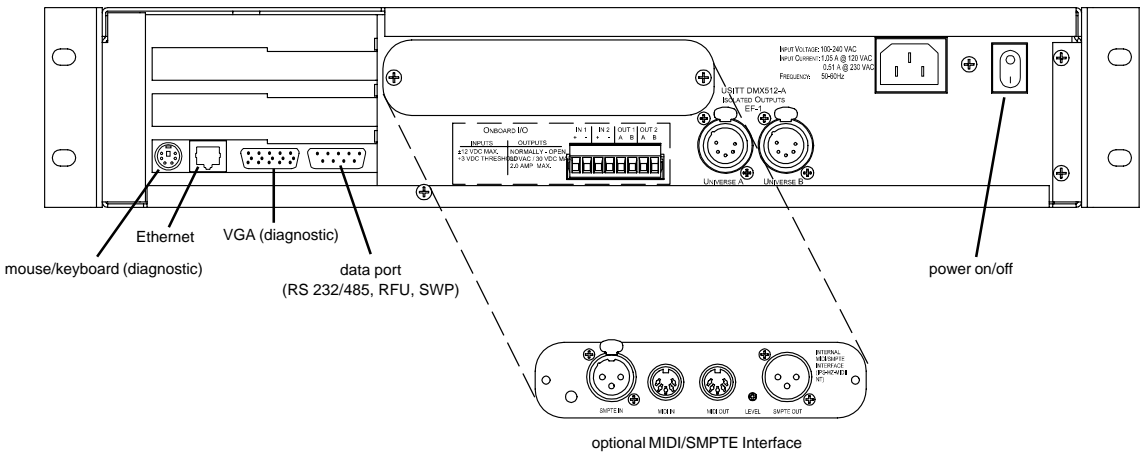
### Options

- ◆ Complete moving light support
- ◆ SMPTE time code events
- ◆ MIDI show control events
- ◆ System wide network events



**Outline Specification**

Number Of DMX Universes Per PBC	2
Number of DMX Channels per PBC	1024
Interface	10BASE-T Ethernet (TCP/IP)
Supply Voltage	90-240 Volts
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
Supports IPS Talkback and Remote Commands	Yes
HORIZON Silver Software Upgrade	Included
Rack Mount	Mounting Ears Provided



**Order Checklist**

IPS-HZ-PBC	HORIZON Playback Controller
IPS-HZ-SWP	HORIZON Submaster Wing Panel
IPS-HZ-RFU	HORIZON Remote Focus Unit
IPS-GOLD	HORIZON Gold 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)



**Entertainment Technology**  
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