HydraPort® 9 Module Connection Ports

HPX-900SL, Brushed Aluminum (FG560-02-SL)

HPX-900BL, Black Anodized (FG560-02-BL)

Overview

With space for up to nine modules, the HPX-900 allows you to elegantly connect mobile devices at your desk, lectern or table using the most beautiful connectivity system ever developed. This sleek solution supports pass-through connectors for audio, video, Ethernet, USB and power plus control. The modular assembly makes it easy to change connections as needs evolve, and makes HydraPort future proof for connection types that have yet to be developed. The elegant, flush-mount design conveniently opens in both directions providing a clean, unobtrusive look.

Common Applications

The HPX-900 is perfect for conference rooms, classrooms or auditoriums where users need a simple, convenient way to connect devices power, Ethernet, USB, audio, and video.

Features

- **Modular Design is Future Proof** – Features an assembly with the flexibility to change the modules to meet current and future needs
- **Variety of Sizes for All Types of Applications** – The HPX-900 accommodates nine module units. Use the HydraPort Connection Preview Application to determine the size needed, based on the connection modules desired
- **Elegant and Unobtrusive** – Flush-mount design installs cleanly into a lectern or table and the lid conveniently opens in both directions providing a clean look
- **No Electrician Required** – HydraPort power modules can be connected directly to a wall or floor outlet eliminating the need for an electrician
- **Control The Room** – Add Metreau® or Novara® Keypad modules to control AV devices, lighting or shades as well as to initiate pre-programmed events

- **Anodized Aluminum** – These stylish, low profile connectivity ports have the same contemporary brushed aluminum enclosure as the higher-end office furniture manufacturers at the same price as most competitive painted metal models
- **Updated Web HydraPort Connection Preview Application** – Now you can select from all four connection port bases and even switch from one to the other as you build your module set. Plus you can still 'Save, Load and/or Print' every configuration

Dealer Benefits
- **Flexible Design** – The variety of chassis sizes and modules makes it easy to customize a connection port for every type of customer need using the HydraPort Connection Preview Application
- **Simplify the Installation** – The HydraPort series is easy to install, and even easier to change connection types since the modules slide easily into the Chassis
- **No Electrician Required** – HydraPort power modules can be connected directly to a wall or floor outlet eliminating the need for an electrician

Customer Benefits
- **Modular Design is Future Proof** – Features an assembly that allows users to populate the Chassis with different connection types that meet their current and future needs
- **Convenient Connections** – The HydraPort makes it easy for users to connect mobile devices such as laptops to in-room equipment and power plus Ethernet without having to run long cables
- **Elegant and Unobtrusive** – Flush-mount design conveniently opens in both directions providing a clean look
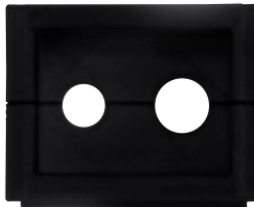
Specifications

General	
Dimensions	Max above mounting surface: 5/16" (7.3mm) with lid open, 1/8" (3mm) with lid closed Max below mounting surface: 6 15/16" (175 mm) Mounting surface footprint: 11 5/32" x 5 7/16" (283mm x 138mm) Min. mounting surface thickness: 3/4" (19 mm) Max mounting surface thickness: 2" (51 mm) Table Cutout Dimensions: 10.59" x 4.84" (269mm x 123mm)
Number of Modules Supported	Module sizes are provided in "HydraPort units" Modules range in size from 1/2 to 4 1/2 HydraPort units The HPX-900 supports up to 9 total single-space modules
Available Models	HPX-900SL, Brushed Aluminum (FG560-02-SL) HPX-900BL, Black Anodized (FG560-02-BL)
Enclosure	Black finish metal frame and lid with black plastic end caps
Certifications	UL 962A

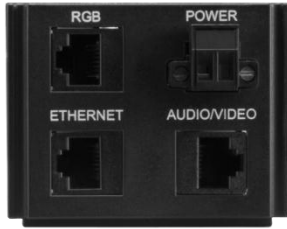| HPX-900 COMPATIBLE HYDRAPORT CONNECTION MODULES	
HPX-AV101-HDMI (FG552-24) Single HDMI Module with Integrated Cable	OVERVIEW The HPX-AV101-HDMI module provides a HDMI connection to the HydraPort chassis. DIMENSIONS 1 HydraPort Unit FRONT PANEL COMPONENTS HDMI connector REAR PANEL COMPONENTS 6' 6 3/4" (2 m) Cable to HDMI connector
HPX-AV101-DVI (FG552-23) Single DVI-D Module with Integrated Cable	OVERVIEW The HPX-AV101-DVI module provides a DVI-D connection to the HydraPort chassis. DIMENSIONS 1 HydraPort Unit FRONT PANEL COMPONENTS Female DVI-D connector REAR PANEL COMPONENTS 6' 6 3/4" (2 m) Cable to male DVI-D connector
HPX-AV101-DVI-A (FG552-22) DVI-D with Stereo Module with Integrated Cables	OVERVIEW The HPX-AV101-DVI+A module provides DVI-D video plus stereo audio connectivity to the HydraPort chassis with integrated video and audio cables. DIMENSIONS 1 HydraPort Unit FRONT PANEL COMPONENTS Female DVI-D connector Female 1/8" stereo mini-jack REAR PANEL COMPONENTS 6' 6 3/4" (2 m) Cable to male DVI connector 6' 6 3/4" (2 m) Cable to male 1/8" stereo mini-jack audio connector

HPX-AV100-CS+A (FG552-10) Composite with Stereo Module VIDEO AUDIO LEFT RIGHT	**OVERVIEW** The HPX-AV100-CS+A module provides composite video plus stereo audio connectivity to the HydraPort chassis **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** 3 female RCA connectors (1 for video, 2 for right/left audio) **REAR PANEL COMPONENTS** 6-position Phoenix screw-terminal connector
HPX-AV101-RGB+A (FG552-25) RGB with Stereo Module with Integrated Cables VGA AUDIO	**OVERVIEW** The HPX-AV101-RGB+A module provides RGB video plus stereo audio connectivity to the HydraPort chassis with integrated video and audio cables. **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** Female HD-15 connector Female 1/8" stereo mini-jack connector **REAR PANEL COMPONENTS** 6' 6 3/4" (2 m) Cable to male HD-15 connector 6' 6 3/4" (2 m) Cable to male stereo mini-jack connector
HPX-AV102-RGB+A (FG552-25) RGB with Stereo Module with Integrated Cables VGA AUDIO	**OVERVIEW** The HPX-AV102-RGB+A module provides RGBHV video plus stereo audio connectivity to the HydraPort chassis. **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** Female HD-15 connector Female 1/8" stereo mini-jack connector **REAR PANEL COMPONENTS** 6' 6 3/4" (2 m) Cable to male HD-15 connector 6' 6 3/4" (2 m) Cable to male stereo mini-jack connector

HPX-C5400-CS+A (FG552-50-BL-K) Composite with Stereo to Cat5 Module 	OVERVIEW The HPX-C5400-CS+A module provides composite video plus stereo audio connectivity to the HydraPort chassis and activates on button press. DIMENSIONS 4.5 HydraPort Units FRONT PANEL COMPONENTS 3 female RCA connectors (1 for video, 2 for right/left audio) REAR PANEL COMPONENTS RJ-45 connector for UDM Cat5
HPX-C5400-VGA+A (FG552-51-BL-K) RGBHV with Stereo to Cat5 Module 	OVERVIEW The HPX-C5400-VGA+A module provides RGBHV video plus stereo audio connectivity to the HydraPort chassis and activates on button press. DIMENSIONS 4.5 HydraPort Units FRONT PANEL COMPONENTS 1 female HD-15 VGA connector 1 female 1/8" stereo mini-jack REAR PANEL COMPONENTS RJ-45 connector for UDM Cat5
HPX-C5400-CN+A (FG552-52-BL-K) Component with Stereo to Cat5 Module 	OVERVIEW The HPX-C5400-CN+A module provides component video plus stereo audio connectivity to the HydraPort chassis and activates on button press. DIMENSIONS 4.5 HydraPort Units FRONT PANEL COMPONENTS 5 female RCA connectors (3 for component video, 2 for right/left audio REAR PANEL COMPONENTS RJ-45 connector for UDM Cat5

HPX-N100-RJ45 (FG553-01) Single Ethernet Module	**OVERVIEW** The HPX-N100-RJ45 module provides a single RJ-45 connection to the HydraPort chassis. **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** 1 RJ-45 connector **REAR PANEL COMPONENTS** 8-position punch-down block
HPX-N102-RJ45 (FG553-02) Dual Ethernet Module	**OVERVIEW** The HPX-N102-RJ45 module provides two RJ-45 connections to the HydraPort chassis. **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** 2 RJ-45 connectors **REAR PANEL COMPONENTS** 2 8-position punch-down blocks
HPX-N100-USB (FG553-11) Single USB Module with Integrated Cable	**OVERVIEW** The HPX-N100-USB module provides a single USB connection to the HydraPort chassis **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** Female USB Type A connector **REAR PANEL COMPONENTS** 6' 6 3/4" (2 m) Cable to male USB Type A connector
HPX-CPT200-W (FG562-41) Cable Pass-Thru Well Module	**OVERVIEW** The HPX-CPT200-W provides a convenient way to keep cables out of site in an HydraPort HPX-600, 900 or 1200 chassis, while still being readily available to connect when needed. **DIMENSIONS** 2 HydraPort Units

HPX-CPTS100-W (FG562-42) Spacer, Cable Pass-Thru Well Module	**OVERVIEW** The HPX-CPTS100-W provides a simple and convenient way to add additional spaces to the HPX-CPT200-W HydraPort® Cable Pass-Through Well Module, thereby increasing the number of cables that can be passed through a single HydraPort. Adding one HPX-CPTS100-W spacer adds two circular openings to the existing two openings to accommodate a total of 4 cables. Adding a second spacer adds another two circular openings, providing a maximum of 6 openings per HydraPort. Each HPT-CPTS100-W Pass-Through Module Spacer utilizes 1 HydraPort Unit. **DIMENSIONS** 1 HydraPort Unit
HPX-CPTS300-W (FG562-42K) Cable Pass-Thru Well Module and Spacer Kit	**OVERVIEW** The HPX-CPTS300-W kit includes the Cable-Pass-Thru Well Module and Spacer together providing a simple and convenient way to add four circular openings to accommodate four cables - while keeping them out of sight in a HydraPort HPX-600, 900 or 1200 chassis. **DIMENSIONS** 3 HydraPort Units
HPX-U100-BTN (FG554-01) Single Button Module with LED	**OVERVIEW** The HPX-U100-BTN module provides discrete button control to the HydraPort chassis. **DIMENSIONS** 1 HydraPort Unit **FRONT PANEL COMPONENTS** Single push-button with LED back-light **REAR PANEL COMPONENTS** 2-position Phoenix screw-terminal connector for LED 2-position Phoenix screw-terminal connector for push button closure

HPX-U200-MOD (FG554-81) Modero® Connection Module 	OVERVIEW The HPX-U200-MOD module provides a connection for a Modero Tabletop Touch Panel to the HydraPort chassis. DIMENSIONS 2 HydraPort Units FRONT PANEL COMPONENTS 3 RJ-45 connectors 1 2-position Phoenix connector REAR PANEL COMPONENTS 3 8-position punch-down blocks 1 2-position Phoenix screw-terminal connector
HPX-U400-MET-6N (FG554-11-BL-K) Metreau® 6-Button Keypad Kit with Carrier 	OVERVIEW The HPX-U400-MET-6N module is a Metreau 6-Button keypad in a carrier that allows it to be installed into the HydraPort chassis. FEATURES ° Includes navigation wheel for simplified control ° Blue LEDs light up when buttons are pressed ° Conveniently matches the styling of the NI-3101-SIG Controller DIMENSIONS 4.5 HydraPort Units FRONT PANEL COMPONENTS Pushbuttons – 6 tactile pushbuttons with blue LED indicators that illuminate when pressed to confirm the source/function was selected and that it is currently being used. These pre-printed buttons are field-replaceable IR Sensor – Supports standard AMX IR (38 kHz only) LED Levels Indicator - set of 7 blue LEDs provide level feedback Navigation Wheel – consists of 5 pushbuttons: 4 directional pushbuttons (up, down, right, left), 1 center pushbutton, and bi-directional rotating wheel for channel adjustments REAR PANEL COMPONENTS DIP switch – 8 position mini DIP switch used to set the

	device address for the keypad on the AxLink Bus (1-255) AxLink connector - 4 pin 3.5mm Phoenix connector for AxLink connection to the NetLinx Master
HPX-U400-MET-7 (FG554-13-BL-K) Metreau 7-Button Keypad Kit with Carrier 	OVERVIEW The HPX-U400-MET-7 module is a Metreau 7-Button keypad in a carrier that allows it to be installed into the HydraPort chassis. FEATURES ° AxLink connectivity to NetLinx master Standard buttons include TUNER, DVD, LIGHTS, FAN, BLINDS, DISPLAY, and +/- ° Blue LEDs glow to indicate button selection ° Conveniently matches NI-3101-SIG Controller ° Bottom button can act as a single button or as two buttons DIMENSIONS 4.5 HydraPort Units FRONT PANEL COMPONENTS 7 tactile pushbuttons with blue LED indicators that illuminate when pressed to confirm the source/function was selected and that it is currently being used. These pre-printed buttons are field-replaceable. The bottom button functions as 2 buttons - there are 2 positions (left and right) that allow the user to control channel/levels (up/down). Blue LEDs indicate activity REAR PANEL COMPONENTS DIP switch - 8 position mini DIP switch used to set the device address for the keypad on the AxLink Bus AxLink connector - Wiring - 4-pin 3.5mm Phoenix AxLink connector

HPX-U400-MET-13 (FG554-12-BL-K) Metreau 13-Button Keypad Kit with Carrier 	**OVERVIEW** The HPX-U400-MET-13 module is a Metreau 13-Button keypad in a carrier that allows it to be installed into the HydraPort chassis. **FEATURES** ° AxLink connectivity to NetLinx master ° Standard buttons include 1-9, 0, ENTER, SAVE, and +/- ° Blue LEDs glow to indicate button selection ° Conveniently matches the NI-3101-SIG Controller ° Bottom button can act as a single button or as two buttons **DIMENSIONS** 4.5 HydraPort Units **FRONT PANEL COMPONENTS** 13 tactile pushbuttons with blue LED indicators that illuminate when pressed to confirm the source/function was selected and that it is currently being used (12 single-width, 1 double-width). These pre-printed buttons are field-replaceable. The bottom button functions as 2 buttons - there are 2 positions (left and right) that allow the user to control channels (up/down). Blue LEDs indicate activity **REAR PANEL COMPONENTS** DIP switch - 8 position mini DIP switch used to set the device address for the keypad on the AxLink Bus AxLink connector - Wiring - 4-pin 3.5mm Phoenix AxLink connector

HPX-U400-R-MET-6N (FG564-11-BL)	OVERVIEW
Metreau 6-Button Keypad Ramp Mount Kit	The HPX-U400-R-MET-6N module is a Metreau 6-Button Keypad in a carrier that allows it to be installed into the HydraPort chassis.

HPX-U400-R-MET-6N (FG564-11-BL)

Metreau 6-Button Keypad Ramp Mount Kit

OVERVIEW

The HPX-U400-R-MET-6N module is a Metreau 6-Button Keypad in a carrier that allows it to be installed into the HydraPort chassis.

FEATURES

- ° Includes navigation wheel for simplified control
- ° Blue LEDs light up when buttons are pressed
- ° Conveniently matches the styling of the NI-3101-SIG Controller

DIMENSIONS

4 HydraPort Units

FRONT PANEL COMPONENTS

Pushbuttons – 6 tactile pushbuttons with blue LED indicators that illuminate when pressed to confirm the source/function was selected and that it is currently being used. These pre-printed buttons are field-replaceable

IR Sensor – Supports standard AMX IR (38 kHz only)
LED Levels Indicator - set of 7 blue LEDs provide level feedback

Navigation Wheel – consists of 5 pushbuttons: 4 directional pushbuttons (up, down, right, left), 1 center pushbutton, and bi-directional rotating wheel for channel adjustments

REAR PANEL COMPONENTS

DIP switch – 8 position mini DIP switch used to set the device address for the keypad on the AxLink Bus (1-255)

AxLink connector - 4 pin 3.5mm Phoenix connector for AxLink connection to the NetLinx Master

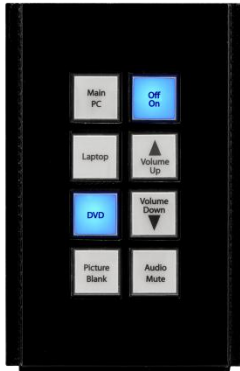| HPX-U400-R-MET-7 (FG564-13-BL) Metreau 7-Button Keypad Ramp Mount Kit	OVERVIEW The HPX-U400-R-MET-7 module is a Metreau 7-Button Keypad in a carrier that allows it to be installed into the HydraPort® chassis. FEATURES ° AxLink connectivity to NetLinx master Standard buttons include TUNER, DVD, LIGHTS, FAN, BLINDS, DISPLAY, and +/- ° Blue LEDs glow to indicate button selection ° Conveniently matches NI-3101-SIG Controller ° Bottom button can act as a single button or as two buttons DIMENSIONS 4 HydraPort Units FRONT PANEL COMPONENTS 7 tactile pushbuttons with blue LED indicators that illuminate when pressed to confirm the source/function was selected and that it is currently being used. These pre-printed buttons are field-replaceable. The bottom button functions as 2 buttons - there are 2 positions (left and right) that allow the user to control channel/levels (up/down). Blue LEDs indicate activity REAR PANEL COMPONENTS DIP switch - 8 position mini DIP switch used to set the device address for the keypad on the AxLink Bus AxLink connector - Wiring - 4-pin 3.5mm Phoenix AxLink connector

HPX-U400-R-MET-13 (FG564-12-BL)
Metreau 13-Button Keypad Ramp Mount Kit

OVERVIEW
The HPX-U400-MET-13 module is a Metreau 13-Button keypad in a carrier that allows it to be installed into the HydraPort chassis.

FEATURES
° AxLink connectivity to NetLinx master
° Standard buttons include 1-9, 0, ENTER, SAVE, and +/-
° Blue LEDs glow to indicate button selection
° Conveniently matches the NI-3101-SIG Controller
° Bottom button can act as a single button or as two buttons

DIMENSIONS
4 HydraPort Units

FRONT PANEL COMPONENTS
13 tactile pushbuttons with blue LED indicators that illuminate when pressed to confirm the source/function was selected and that it is currently being used (12 single-width, 1 double-width). These pre-printed buttons are field-replaceable. The bottom button functions as 2 buttons - there are 2 positions (left and right) that allow the user to control channels (up/down).
Blue LEDs indicate activity

REAR PANEL COMPONENTS
DIP switch - 8 position mini DIP switch used to set the device address for the keypad on the AxLink Bus

AxLink connector - Wiring - 4-pin 3.5mm Phoenix AxLink connector

| HPX-U400-CP-1008 (FG554-71-BL) | OVERVIEW |
| Novara 8-Button ControlPad (US) Module | The HPX-U400-CP-1008 module is a Novara 8-Button (US) ControlPad designed to install directly into the HydraPort chassis. |

HPX-U400-CP-1008 (FG554-71-BL)
Novara 8-Button ControlPad (US) Module

OVERVIEW
The HPX-U400-CP-1008 module is a Novara 8-Button (US) ControlPad designed to install directly into the HydraPort chassis.

FEATURES
° 8-button panel layout
° Blue, backlit buttons with programmable feedback
° Includes acetate sheet with 50 pre-cut button label inserts for easy, cost effective labeling
° 1315 events per panel

DIMENSIONS
4 HydraPort Units

BUTTON LAYOUT
8 buttons
Blue, backlit buttons with programmable feedback

MAX NUMBER OF EVENTS PER CONTROLPAD
1315

REAR PANEL COMPONENTS
2 relay ports for relay control
1 RS-232 port
1 IR port
1 input detection port
1 USB device configuration port

SUPPORTED BAUD RATES
1200 - 115200

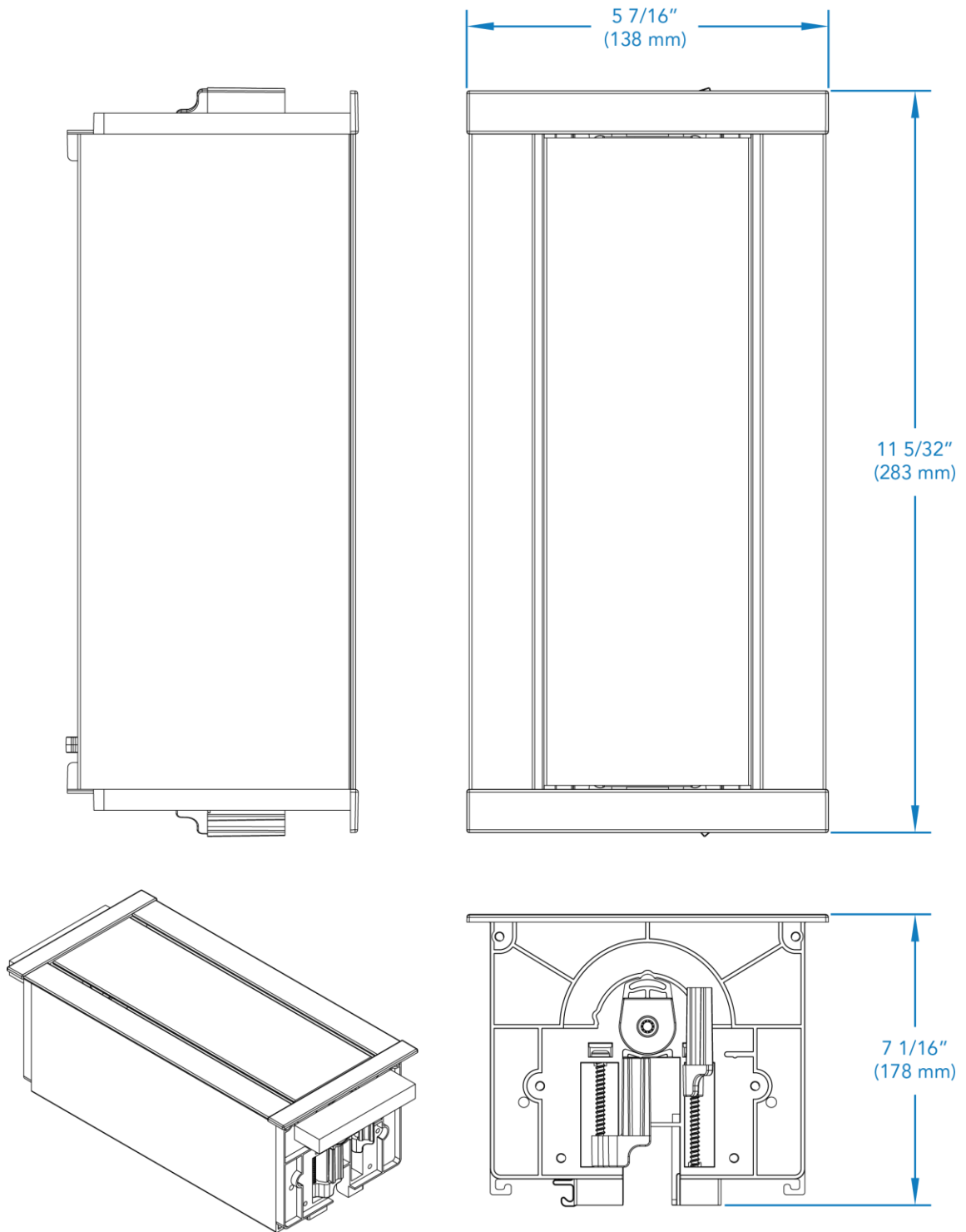| HPX-U400-SP-08-AX (FG554-51-BL)	OVERVIEW
Novara 8-Button Keypad with AxLink (US) Module	The HPX-U400-SP-08-AX module is a Novara 8-Button (US) AxLink KeyPad designed to install directly into the HydraPort chassis.
	FEATURES ° 8-button panel layout ° 4-pin AxLink connector and Status LED ° Blue, backlit buttons with controllable feedback ° Includes acetate sheet with 50 pre-cut button label inserts for easy, cost effective labeling ° One bi-directional RS-232 port, with accompanying loop through DIMENSIONS 4 HydraPort Units POWER REQUIREMENTS Minimum: 80mA / Maximum: 130mA @ 12 VDC BUTTON LAYOUT 8 buttons; blue, backlit buttons with controllable feedback REAR PANEL COMPONENTS 4-pin AxLink connector/Status LED; RS-232 port, with accompanying loop-through port; power connector RS-232 PROTOCOL Baud rate: 9600 data Bits: 8 Stop Bits: 1 Parity: No Parity
HPX-P200-PC-US (FG561-01)	OVERVIEW
Power Outlet (US) Module with Cord	The HPX-P200-PC-US module provides power connectivity for US plug types to the HydraPort chassis.
	DIMENSIONS 2 HydraPort Units CERTIFICATIONS UL 962A REAR PANEL COMPONENTS 7' 10 1/2" (2.4 m) US power cord
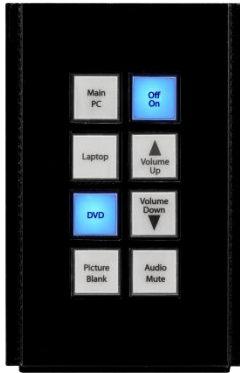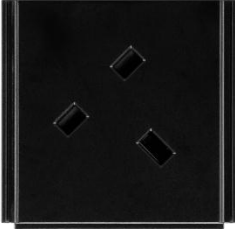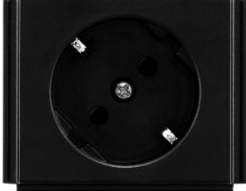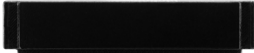
HPX-P250-PC-UK (FG561-11) Power Outlet (UK) Module 	OVERVIEW The HPX-P250-PC-UK module provides power connectivity for UK plug types to the HydraPort chassis. DIMENSIONS 2.5 HydraPort Units REAR PANEL COMPONENTS IEC 60320 C13 power cord connector
HPX-P200-PC-EU (FG561-21) Power Outlet (EU) Module 	OVERVIEW The HPX-P200-PC-EU module provides power connectivity for EU plug types to the HydraPort chassis. DIMENSIONS 2 HydraPort Units REAR PANEL COMPONENTS IEC 60320 C13 power cord connector
HPX-P200-PC-AU (FG561-31) Power Outlet (AU) Module 	OVERVIEW The HPX-P200-PC-AU module provides power connectivity for AU plug types to the HydraPort chassis. DIMENSIONS 2 HydraPort Units REAR PANEL COMPONENTS IEC 60320 C13 power cord connector
HPX-P250-PC-IN (FG561-41) Power Outlet (IN) Module 	OVERVIEW The HPX-P250-PC-IN module provides power connectivity for UK plug types to the HydraPort chassis. DIMENSIONS 2.5 HydraPort Units REAR PANEL COMPONENTS IEC 60320 C13 power cord connector
HPX-B050 (FG558-01) 1/2 M Blank Panel 	OVERVIEW Blanks are available for unused slots in the HydraPort chassis. DIMENSIONS 1/2 HydraPort Unit

HPX-B100 (FG558-02) 1 M Blank Panel	OVERVIEW Blanks are available for unused slots in the HydraPort chassis. DIMENSIONS 1 HydraPort Unit
HPX-B200 (FG558-03) 2 M Blank Panel	OVERVIEW Blanks are available for unused slots in the HydraPort chassis. DIMENSIONS 2 HydraPort Units
HPX-B050-L (FG558-11) 1/2 M Custom Label Panel PC 1	OVERVIEW The HPX-B050-L is a blank panel that is pad printed with custom text, and is available for labeling slots in the HydraPort chassis. DIMENSIONS 1/2 HydraPort Unit
HPX-B100-L (FG558-12) 1 M Custom Label Panel PC 1	OVERVIEW The HPX-B100-L is a blank panel that is pad printed with custom text, and is available for labeling slots in the HydraPort chassis. DIMENSIONS 1 HydraPort Unit

5 7/16"
(138 mm)

11 5/32"
(283 mm)

7 1/16"
(178 mm)