

HydraPort® 12 Module Connection Ports

HPX-1200SL, Brushed Aluminum (FG560-03-SL) HPX-1200BL, Black Anodized (FG560-03-BL)



Overview

The HPX-1200 / HydraPort[®] 12 Module Connection Port is a modular AV table box for connecting mobile devices to projectors or displays in a conference room or classroom. This sleek, flush-mount table box is typically installed in a conference room or classroom table, featuring a uniquely-designed lid that conveniently opens in both directions to provide a clean, unobtrusive look.

No matter how you bring in your content - via HDMI, VGA, USB and other popular formats – you have access to the cable or connection you need, whenever you need it. The HydraPort Architectural Connectivity System uses simple, interchangeable modules to put together the exact future-proof configuration you need today and tomorrow.

Common Applications

- With 12 available modules, the HPX-1200 is perfect for rooms that need the capability to connect many different device types to the AV system, or to provide AC power to several different devices
- The HPX-1200 is designed for any conference room, classroom or boardroom that requires extensive connection capabilities with an unobtrusive style
- With the capability to accommodate AMX Metreau Keypads, the HPX-1200 is ideal for large rooms that require an additional control interface at the table or lectern, or for small huddle spaces where the Metreau Keypads are the primary control interface

Features

- Future-Proof Modular Design Features an assembly with the flexibility to change the modules to meet current and future needs
- Elegant and Unobtrusive Flush-mount design installs cleanly into a lectern or table and the lid conveniently
 opens in both directions providing a sleek 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

Specifications

General	
Dimensions	 Max above mounting surface: 5/16" (7.3mm) with li open, 1/8" (3mm) with lid closed Max below mounting surface: 6 15/16" (175 mm) Mounting surface footprint: 14 3/32" x 5 7/16" (358mm x 138mm) Min. mounting surface thickness: 3/4" (19 mm) Max mounting surface thickness: 2" (51 mm) Table Cutout Dimensions: 13.54" x 4.84" (344mm x 123mm)
Weight	2.8 lbs (1.3 Kg), base assembly only 4 lbs (1.8 Kg), typical installation
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-1200 supports up to 12 total single-space modules
Available Models	HPX-1200SL, Brushed Aluminum (FG560-03-SL) HPX-1200BL, Black Anodized (FG560-03-BL)
Enclosure	Black or Silver finish metal frame and lid with black plastic end caps.
Regulatory Compliance	UL 962A
Recommended Accessories	 See HPX-1200 Compatible HydraPort Connection Modules on next page for a list of compatible module HPA-MYT-TX, MyTurn Source Selector Button (FG554-21) HPA-MYT-RX, MyTurn Source Selector Receiver (FG554-23) CBL-HDMI-FL2-16, HDMI 4K60 MyTurn-Ready Flat Cable, 16 ft (FG10-2192-16) CBL-USB-FL2, USB MyTurn-Ready Flat Cable (FG10- 2197-16) CBL-DP-FL2, DisplayPort 4K60 MyTurn-Ready Flat Cable (FG10-2193-16) CBL-MDP-FL2, Mini DisplayPort 4K60 MyTurn-Ready Flat Cable (FG10-2196-16) CBL-ETH-FL2, Cat6 Ethernet Cable (FG10-2194-16) CBL-RGB+A-FL2, RGB with Audio MyTurn-Ready Flat Cable (FG10-2195-16)

	OVERVIEW
HPX-AV102-HDMI-R (FG552-32) HDMI 4K60 Module with Retractable MyTurn-Ready Cable	The HydraPort HDMI 4K60 Module with Retractable Cable delivers digital video in resolutions up to 4K @60Hz. The compact, easy to install solution organizes and hides cables in virtually any type of conference table, including narrow tables, and those with glass inlay. With the addition of a clip-on MyTurn Source Selection Button, it is easy to instruct the system to switch to the selected input.
	 FEATURES No Assembly, Adjustments or Terminations – Module installs quickly and easily with no special mounting Flat, High-Speed HDMI cable – With support for resolutions up to 4K @60Hz, the cable ensures absolute best picture quality in a compact design
	DIMENSIONS •1 1/2 HydraPort Units
	WEIGHT Approximately 1lb (0.46 Kg)
	INTEGRATED CABLE •HDMI 4K60 Retractable Cable at 18 Gbps •Pullout Length: 5 ft (1.52m) •Pigtail: 6 ft (1.83m) •Pigtail Connector: HDMI Male •Data Rate: 18 Gbps •Resolution Support: up to 4096 x 2160 @60Hz •Deep Color Support: Yes •3D Format Support: Yes
	FRONT PANEL COMPONENTS Pull-Out Connector: HDMI Male
	LONG-TERM RELIABILITY Tested to 10,000 pull and release cycles
	RECOMMENDED ACCESSORIES •HPA-MYT-TX, MyTurn Source Selector Button (FG554-21) •HPA-MYT-RX, MyTurn Source Selector Receiver (FG554-23) •CBL-HDMI-FL2-16 HDMI 4K60 MyTurn-Ready Flat Cable (FG10-2192-16)

HPX-AV102-DP-R (FG552-33)	OVERVIEW
DisplayPort 4K60 Module with Retractable MyTurn-	The HydraPort DisplayPort Module with Retractable
Ready Cable	Cable delivers a compact solution that connects a
	DisplayPort output from a DisplayPort-enabled device
	such as a visiting laptop and passes HDMI to an HDMI
	input within the room integration, such as to an Enova
	DVX, Solecis SDX or DXLink Transmitter. This easy to
	install solution organizes and hides cables in virtually
	any type of conference table, including narrow tables



	1
	Approximately 1lb (0.46 Kg)
	INTEGRATED CABLE
	•Ethernet Cat6 Retractable Cable
	•Pullout Length: 5 ft (1.52m)
	•Pigtail: 6 ft (1.83m)
	•Pigtail Connector: RJ-45 Male
	•Data Rate: 1000Base-T (Gigabit Ethernet)
	FRONT PANEL COMPONENTS
	Pull-Out Connector: RJ-45 Male
	LONG-TERM RELIABILITY
	Tested to 10,000 pull and release cycles
	RECOMMENDED ACCESSORIES
	•CBL-ETH-FL2, Cat6 Ethernet Flat Cable (FG10-2194-
	16)
HPX-AV103-RGB+A-R (FG552-35)	OVERVIEW
RGB with Stereo Module with Retractable MyTurn-Ready	The HydraPort RGB with Stereo Module with
Cable	Retractable Cable delivers a compact, easy to install
	solution that organizes and hides cables in virtually
	any type of conference table, including narrow tables
	and those with glass inlay. With the addition of a clip-
	on MyTurn Source Selection Button, it is easy to
	instruct the system to switch to the selected input.
	DIMENSIONS
	•1 1/2 HydraPort Units
	WEIGHT
	Approximately 1lb (0.46 Kg)
	INTEGRATED CABLE
	•RGB with Stereo
	•Pullout Length: 5 ft (1.52m)
	•Pigtail: 6 ft (1.83m)
	• Pigtail Connector: 15-pin HD male and 3.5 mm stereo
	male
	•Resolution Support: Up to 1600 x 1200 @60Hz
	• Pixel Clock: 162 MHz
	FRONT PANEL COMPONENTS
	15-pin HD male and 3.5 mm stereo male
	LONG-TERM RELIABILITY
	Tested to 10,000 pull and release cycles
	RECOMMENDED ACCESSORIES
	•HPA-MYT-TX, MyTurn Source Selector Button
	(FG554-21)
	•HPA-MYT-RX, MyTurn Source Selector Receiver
	(FG554-23)
	•CBL-RGB+A-FL2, RGB with Audio MyTurn-Ready Flat
	Cable (FG10-2195-16)
HPX-AV102-MDP-R (FG552-36)	OVERVIEW
Mini DisplayPort 4K60 Module with Retractable	The HydraPort Mini-DisplayPort Module with
MyTurn-Ready Cable	Retractable Cable connects a Mini-DisplayPort output
	from a device such as a visiting laptop and passes

	 HDMI to an HDMI input within the room controller / switcher, such as an Enova DVX, DGX or DXLink Transmitter. The easy to install solution organizes and hides cables in virtually any type of conference table, including narrow tables and those with glass inlay. With the addition of a clip-on My Turn Source Selection Button, it is easy to instruct the system to switch to the selected input. FEATURES No Assembly, Adjustments or Terminations – Installs quickly and easily with no special mounting Flat, High-Speed cable – With support for resolutions up to 4K @60Hz, the cable ensures absolute best picture quality in a compact
	design DIMENSIONS •1 1/2 HydraPort Units
	WEIGHT Approximately 1lb (0.46 Kg)
	INTEGRATED CABLE • Mini DisplayPort to HDMI Retractable Cable at 18.0 Gbps
	 Pullout Length: 5 ft (1.52m) Pigtail: 6 ft (1.83m) Pigtail Connector: HDMI Male Resolution Support: 4096x2160 @60 Hz Deep Color Support: Yes
	•3D Format Support: Yes FRONT PANEL COMPONENTS Pull-Out Connector: Mini DisplayPort
	LONG-TERM RELIABILITY Tested to 10,000 pull and release cycles
	RECOMMENDED ACCESSORIES •HPA-MYT-TX, MyTurn Source Selector Button (FG554-21) •HPA-MYT-RX, MyTurn Source Selector Receiver (FG554-23) •CBL-MDP-FL2, Mini DisplayPort 4K60 MyTurn-Ready Flat Cable (FG10-2196-16) •CBL-HDMI-FL2-16, HDMI 4K60 MyTurn-Ready Flat Cable, 16 ft (FG10-2192-16)
HPX-AV102-USB-R (FG552-37) USB 3.0 Module with Retractable MyTurn-Ready Cable	OVERVIEW The HydraPort 3.0 Module with Retractable Cable allows you to connect your laptop to devices in the room such as a Sereno Web Camera or an Alero Web Conferencing Mixer. You can also connect through a rack-mounted USB 3.0 dock to connect to the display, Ethernet, cameras, mics, and more via a single USB 3.0
	cable. The compact, easy to install solution organizes and hides cables in virtually any type of conference table, including narrow tables and those with glass

	inlay. With the addition of a clip-on My MyTurn Source
	Selection Button, it is easy to instruct the system to switch to the selected input.
	switch to the selected liput.
	FEATURES
	 No Assembly, Adjustments or Terminations –
	Module installs quickly and easily with no
8	special mounting
	DIMENSIONS
	•1 1/2 HydraPort Units
	WEIGHT
	Approximately 1lb (0.46 Kg)
	INTEGRATED CABLE
	 Universal Serial Bus (USB) 3.0 Retractable Cable
	•Pullout Length: 5 ft (1.52m)
	•Pigtail: 6 ft (1.83m)
	Pigtail Connector: USB Type A Male (use included advectors to change to a USB Type A female or USB
	adapters to change to a USB Type A female or USB Type B male connection)
	• Data Rate: 5 Gbps
	•Data Rate. 5 Obps
	FRONT PANEL COMPONENTS
	Pull-Out Connector: USB Type A Male
	i un out connector. obb Type A mule
	LONG-TERM RELIABILITY
	Tested to 10,000 pull and release cycles
	RECOMMENDED ACCESSORIES
	•CBL-USB-FL2 USB MyTurn-Ready Flat Cable (FG10-
	2197-16)
	•HPA-MYT-TX MyTurn Source Selector Button (FG554-
	21)
	•HPA-MYT-RX MyTurn Source Selector Receiver
HPX-N100-SRJ45 (FG536-03)	(FG554-23) OVERVIEW
Single Shielded Cat6 Ethernet Module	The HPX-N100-SRJ45 module provides one Shielded
Single Sinclued Cato Ethernet Woddie	Cat6 RJ-45 connection to a HydraPort 600, 900 or
	1200. Due to the extended depth of this module it is
	not recommended for use with the HPX-1600.
	DIMENSIONS
	1 HydraPort Unit
	FRONT PANEL COMPONENTS
	(1) Shielded RJ-45 connector
	REAR PANEL COMPONENTS
	(1) 8-position shielded punch-down block with shield termination
HPX-N102-SRJ45 (FG563-04)	termination OVERVIEW
111 X 11202-20342 (10202-04)	The HPX-N102-SRJ45 module provides two Shielded
	Cat6 RJ-45 connections to the HydraPort 600, 900 or
	1200. Due to the extended depth of this module it is

Dual Shielded Cat6 Ethernet Module	1 HydraPort Unit
	FRONT PANEL COMPONENTS (2) Shielded RJ-45 connectors
	REAR PANEL COMPONENTS
	(2) 8-position shielded punch-down blocks with shield
	termination OVERVIEW
HPX-N100-RJ45 (FG553-01) Single Cat6 Ethernet Module	The HPX-N100-RJ45 module provides a single Cat6 RJ-
	45 connection to the HydraPort chassis.
	DIMENSIONS
	1 HydraPort Unit
	FRONT PANEL COMPONENTS 1 RJ-45 connector
	REAR PANEL COMPONENTS
HPX-N102-RJ45 (FG553-02)	8-position punch-down block OVERVIEW
Dual Cat6 Ethernet Module	The HPX-N102-RJ45 module provides two Cat6 RJ-45
	connections to the HydraPort chassis.
	DIMENSIONS
	1 HydraPort Unit
	FRONT PANEL COMPONENTS 2 RJ-45 connectors
	2 13-45 connectors
	REAR PANEL COMPONENTS
HPX-N100-USB (FG553-11)	2 8-position punch-down blocks OVERVIEW
Single USB Module with Integrated Cable	The HPX-N100-USB module provides a single USB 2.0
	connection to the HydraPort chassis
	DIMENSIONS
	1 HydraPort Unit
	FRONT PANEL COMPONENTS Female USB 2.0 Type A connector
	REAR PANEL COMPONENTS
	6' 6 3/4" (2 m) Cable to male USB 2.0 Type A connector
HPX-N102-USB (FG553-12)	OVERVIEW
Dual USB Module with Printed USB Symbol	The HPX-N102-USB module provides a dual USB 2.0
	connection to the HydraPort chassis. DIMENSIONS
T t	1 HydraPort Unit
	WEIGHT
	.35 lbs (.16 Kg)
	FRONT PANEL COMPONENTS (2) Type A USB 2.0 Sync Ports female
	(-, .),
	REAR PANEL COMPONENTS
	(2) 6' (1.83 m) USB 2.0 cable

HX-N102-USB-PC (FG553-13) Dual USB Power Module with Printed Charging Symbol	OVERVIEW The HPX-N102-USB-PC module provides a dual USB connection with charging capability to the HydraPort chassis. The power symbol on the module makes it easy for anyone to identify that power is provided. HPX-N102-USB-PC includes a PSU2.1 USB power supply and four power adapters to accommodate various wall outlet types. DIMENSIONS 1 HydraPort Unit WEIGHT .35 lbs (0.16 Kg) FRONT PANEL COMPONENTS USB Ports: (2) Type A USB Ports INTEGRATED CABLES USB Cables: (2) USB cables 6' (1.83 m) - connect the module to the USB Ports on the PSU2.1 USB Power Supply INCLUDED ACCESSORIES PSU2.1 USB Power Supply (FG423-25) SPECIFICATIONS FOR PSU2.1 POWER SUPPLY (INCLUDED WITH HPX-N102-USB-PC-MODULE) DIMENSIONS (HWD) 1.26" x 2.17" x 3.15" (3.2 cm x 5.5 cm x 8 cm) WEIGHT .25 lbs (93.3 g) CONNECTORS AND INDICATORS (2) USB Ports/LEDS • 2 Charging Ports provide 2.1A USB charging (max per port) • 4.2 A total is provided across both ports • Blue LEDs on each USB port light to indicate that power is available INCLUDED ACCESSORIES • 2 Charging Ports provide 2.1A USB charging (max per port) • 4.2 A total is provided across both ports • Blue LEDs on each USB port light to indicate that power is available INCLUDED ACCESSORIES (4) Power Plug Adapters: • NEMA 1-15 (for North America) • B 1363 (for UK and Ireland) • CEE 7/16 Europlug (for most European countries) • AS/NZS 3112 (for Australia and New Zealand)
HPX-U100-2BTN (FG554-02) HydraPort 2-Button Keypad Module	OVERVIEW The HPX-U100-2BTN HydraPort 2-Button Keypad Module with LEDs is a HydraPort module with two buttons that enable users to switch to a specific device when pressed. The buttons are color coded and numbered to match similarly colored / numbered tags that clip onto the end of the cable where it plugs into the device, making it easy to identify which button

selects which device. The buttons become illuminated when a specific device is active, making it easy to determine which device's content is being shown on the display at any given time.

Each HPX-U100-2BTN includes 2 buttons and takes only 1 HydraPort unit. Multiple modules can be stacked to accommodate a large number of devices. Each module comes with a set of colored button labels and matching tags.

COMMON APPLICATIONS

- This solution is perfect for any meeting space or classroom where people view content from multiple devices by switching between them
- Optimal for active learning environments where multiple students are connected simultaneously FEATURES
- Switch at the HydraPort Just press a button in the HydraPort module to immediately switch to a specific device and show its content on the display
- Simple Button Layout on HydraPort Module Optional accessory (FG554-08) with colored buttons inserts and matching cable bands with matching tags that snap onto the end of each device's cable connector, making it easy to select and switch to any connected device
- Stack Multiple Modules Install as many HydraPort modules as you need to accommodate a large number of devices. Each module takes up only 1 HydraPort Unit and contains 2 buttons

DIMENSIONS 1 HydraPort Unit

POWER

Accepts +12 VDC nominal voltage Supports an input voltage range of 8 - 18 V Must be used in conjunction with a compatible AMX device that can power the LEDs, including: •Solecis using the LED Control Connection port ("LED") for power •NX Master or DVX using the GND from the I/O Port connector FRONT PANEL COMPONENTS Two Button LED inputs buttons with LED back-light

Two Button LED inputs buttons with LED back-light Must be used in conjunction with a compatible AMX device that can sense the contact closure of the button being pressed, including:

•Solecis using the External Button/switch ("SW") input for contact closure

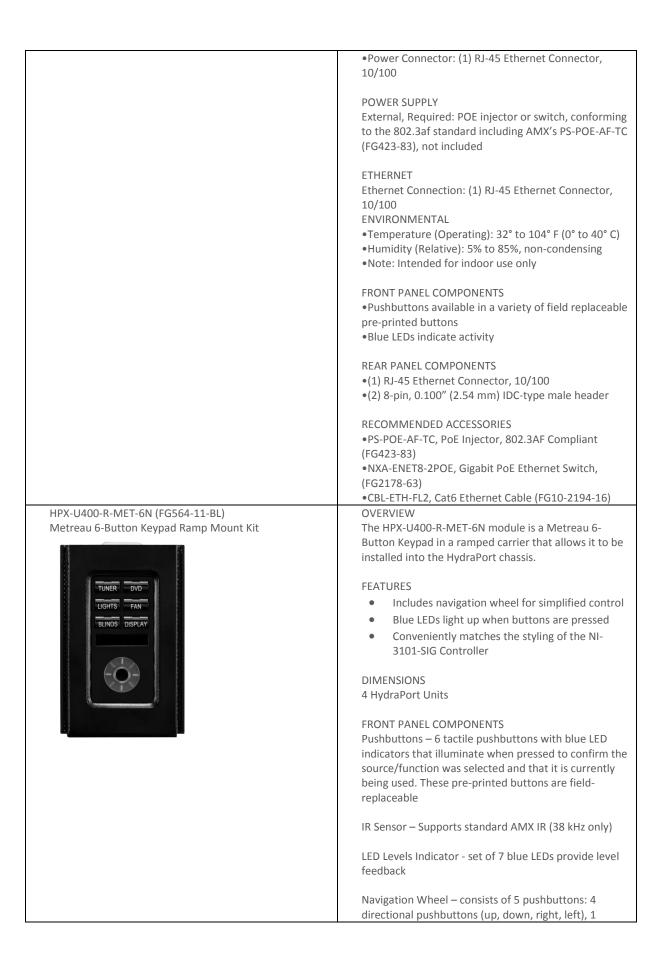
•NX Master or DVX using the I/O Channels from the I/O Port connector

REAR PANEL COMPONENTS

	5-position Phoenix screw-terminal connector for LED,
	contact closure (for button press), and power
	RECOMMENDED ACCESSORIES
	HPX-2BTN-8ACC, Accessory Kit, HydraPort Cables and
	2-BTN keypads (FG554-08)
HPX-U100-BTN (FG554-01)	OVERVIEW
Single Button Module with LED	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
	Button LED inputs accept +12 VDC nominal voltage,
	and support an input voltage range of 8-18 V
	REAR PANEL COMPONENTS
	2-position Phoenix screw-terminal connector for LED
	2-position Phoenix screw-terminal connector for push
	button closure
HPX-U400-R-MET-6NE (FG565-11-BL)	OVERVIEW
Metreau 6-Button Ethernet Keypad Ramp Kit	The HPX-U400-R-MET-6NE module is a Metreau 6-
	Button Ethernet Keypad in a ramped carrier that
	allows it to be installed into the HydraPort chassis at
	an angle to improve usability.
T40 5 IF U3	
IF2D J	COMMON APPLICATION
	Ideal for boardrooms, conference rooms, meeting
	rooms or auditoriums where equipment is
	permanently installed in the room and users must
	connect to that equipment from a conference table or
	lectern.
	FEATURES
	 Connects via Standard Protocols (Ethernet) –
	Simplifies cabling and installation by minimizing
	cable runs
	Blue LEDs Glow to Indicate Button Selection –
	Improves usability by confirming the user's
	selection
	Unrivaled Simplicity – Includes navigation wheel
	for simplified control
	DIMENSIONS (HWD)
	4 HydraPort Units
	POWER
	•PoE: PoE (Power over Ethernet), 802.3af, class 0
	•Power Connector: (1) RJ-45 Ethernet Connector,
	10/100
	POWER SUPPLY
	External, Required: POE injector or switch, conforming
	to the 802.3af standard including AMX's PS-POE-AF-TC
	(FG423-83), not included
	ETHERNET

	Ethernet Connection: (1) RJ-45 Ethernet Connector, 10/100
	ENVIRONMENTAL •Temperature (Operating): 32° to 104° F (0° to 40° C)
	•Humidity (Relative): 5% to 85%, non-condensing
	•Note: Intended for indoor use only
	FRONT PANEL COMPONENTS
	Pushbuttons available in a variety of field replaceable proprieted buttons
	pre-printed buttons •Blue LEDs indicate activity
	Navigation wheel
	Light-level feedback
	 Sensor, 38 kHz only; supports standard AMX IR
	REAR PANEL COMPONENTS
	•(1) RJ-45 Ethernet Connector, 10/100
	•(2) 8-pin, 0.100" (2.54 mm) IDC-type male header
	RECOMMENDED ACCESSORIES
	 PS-POE-AF-TC, POE Injector, 802.3AF Compliant (FG423-83)
	•NXA-ENET8-2POE, Gigabit PoE Ethernet Switch,
	(FG2178-63)
	•CBL-ETH-FL2, Cat6 Ethernet Cable (FG10-2194-16)
HPX-U400-R-MET-7E (FG565-13-BL)	OVERVIEW
Metreau 7-Button Ethernet Keypad Ramp Kit	The HPX-U400-R-MET-7E module is a Metreau 7- Button Ethernet Keypad in a ramped carrier that
	allows it to be installed into the HydraPort chassis at
	an angle to improve usability.
TUNER	
DVD	COMMON APPLICATION
LIGHTS	Ideal for boardrooms, conference rooms, meeting rooms or auditoriums where equipment is
FAN	permanently installed in the room and users must
BLINDS	connect to that equipment from a conference table or
DISPLAY	lectern.
	FEATURES
	 Connects via Standard Protocols (Ethernet) – Simplifies cabling and installation by minimizing
	cable runs
	 Standard Configuration – Standard buttons
	include 1-9, 0, ENTER, SAVE, and +/-
	Blue LEDs Glow to Indicate Button Selection –
	Improves usability by confirming the user's
	selection
	 Bottom Button Can Act as Single or Two Buttons Browides added flexibility to the configuration
	 Provides added flexibility to the configuration
	DIMENSIONS (HWD)
	4 HydraPort Units
	DOWED
	POWER • PoE: PoE (Power over Ethernet), 802.3af, class 0
	•Pover Connector: (1) RJ-45 Ethernet Connector,
	10/100

POWER SUPPLY External, Required: POE injector to the 802.3af standard includi (FG423-83), not included ETHERNET Ethernet Connection: (1) RJ-45 10/100 ENVIRONMENTAL •Temperature (Operating): 32° •Humidity (Relative): 5% to 85°	ng AMX's PS-POE-AF-TC
to the 802.3af standard includi (FG423-83), not included ETHERNET Ethernet Connection: (1) RJ-45 10/100 ENVIRONMENTAL •Temperature (Operating): 32	ng AMX's PS-POE-AF-TC
(FG423-83), not included ETHERNET Ethernet Connection: (1) RJ-45 10/100 ENVIRONMENTAL •Temperature (Operating): 32	
ETHERNET Ethernet Connection: (1) RJ-45 10/100 ENVIRONMENTAL •Temperature (Operating): 32	Ethernet Connector,
Ethernet Connection: (1) RJ-45 10/100 ENVIRONMENTAL •Temperature (Operating): 32	Ethernet Connector,
Ethernet Connection: (1) RJ-45 10/100 ENVIRONMENTAL •Temperature (Operating): 32	Ethernet Connector,
10/100 ENVIRONMENTAL •Temperature (Operating): 32°	
ENVIRONMENTAL •Temperature (Operating): 32°	
•Temperature (Operating): 32	
• Humidity (Relative): 5% to 85	
•Note: Intended for indoor use	e only
FRONT PANEL COMPONENTS	
•Pushbuttons available in a var	riety of field replaceable
pre-printed buttons	
•Blue LEDs indicate activity	
REAR PANEL COMPONENTS • (1) RJ-45 Ethernet Connector,	10/100
•(2) 8-pin, 0.100" (2.54 mm) ID	
	, ,
RECOMMENDED ACCESSORIES	
• PS-POE-AF-TC, PoE Injector, 8	02.3AF Compliant
(FG423-83)	F Ethorpot Switch
•NXA-ENET8-2POE, Gigabit Pol (FG2178-63)	E Ethernet Switch,
•CBL-ETH-FL2, Cat6 Ethernet C	able (FG10-2194-16)
HPX-U400-R-MET-13E (FG565-12-BL) OVERVIEW	
Metreau 13-Button Ethernet Keypad Ramp Kit The HPX-U400-R-MET-13E mod	
Button Ethernet Keypad in a ra	
allows it to be installed into the an angle to improve usability.	e HydraPort chassis at
COMMON APPLICATION	
Ideal for boardrooms, conferen	
rooms or auditoriums where e	
permanently installed in the ro	
connect to that equipment from lectern.	m a conference table or
FEATURES	
Connects via Standard P	rotocols (Ethernet) –
Simplifies cabling and instances	stallation by minimizing
cable runs	
Standard Configuration - include 1.0.0 ENTER S/	
include 1-9, 0, ENTER, SA Blue LEDs Glow to Indica	
Blue Lebs Glow to Indica Improves usability by co	
selection	
Bottom Button Can Act a	as Single or Two Buttons
– Provides added flexibil	_
DIMENSIONS (HWD) 4 HydraPort Units	
4 nyularon onits	
POWER	
•PoE: PoE (Power over Etherne	et), 802.3af, class 0



	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
<image/>	AxLink connection to the NetLinx Master OVERVIEW The HPX-U400-R-MET-7 module is a Metreau 7-Button Keypad in a ramped 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)	OVERVIEW
Metreau 13-Button Keypad Ramp Mount Kit	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.
1 2	FEATURES
3 4	AxLink connectivity to NetLinx master
	 Standard buttons include 1-9, 0, ENTER,
	SAVE, and +/-
	 Blue LEDs glow to indicate button selection
9 10	 Conveniently matches the NI-3101-SIG
11 12	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-SP-08-E (FG555-51-BL)	OVERVIEW
Novara 8-Button Ethernet Keypad Flat Kit	The HPX-U400-SP-08-E module is a Novara 8-Button
	Ethernet Keypad in a carrier that allows it to be
	installed into the HydraPort chassis.
Main PC Laptop Up Up Up	
	COMMON APPLICATION
	Ideal for boardrooms, conference rooms, meeting rooms or auditoriums where equipment is
	permanently installed in the room and users must
	connect to that equipment from a conference table or
	lectern.
Picture Audio	
Blank Mute	FEATURES
	8-button panel layout
	Blue, backlit buttons with controllable feedback
	 Includes acetate sheet with 50 pre-cut button
	label inserts for easy, cost effective labeling
	DIMENSIONS (HWD)
	4 HydraPort Units
	POWER
	•PoE: PoE (Power over Ethernet), 802.3af, class 0

	•Power Connector: (1) RJ-45 Ethernet Connector, 10/100
	CERTIFICATIONS IEC 60950, FCC/CE, RoHS compliant
	FRONT PANEL COMPONENTS Button Layout: 8 buttons; blue, backlit buttons with controllable feedback
	REAR PANEL COMPONENTS Ethernet: RJ-45 Ethernet Connector, 10/100
	RECOMMENDED ACCESSORIES •PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83) •NXA-ENET8-2POE, Gigabit PoE Ethernet Switch, (FG2178-63) •CBL-ETH-FL2, Cat6 Ethernet Cable (FG10-2194-16)
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.
Main PC Laptop UGP UGP UGP DVD Volame Down Picture Blank Audio	 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 current sink ports for control of external relays like the AMX UPC-20+ 1 RS-232 port 1 IR port 1 input detection port
	1 USB device configuration port SUPPORTED BAUD RATES 1200 - 115200

	01/50//51//
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.
Main Off PC On	FEATURES
	8-button panel layout
Laptop	4-pin AxLink connector and Status LED
Up	Blue, backlit buttons with controllable
Down Down	feedback
	 Includes acetate sheet with 50 pre-cut
Picture Audio Blank Mute	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
	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
	,
	FRONT PANEL PLUG COMPATIBILITY
	Туре А/В
	USA, Canada, Mexico, Japan, China, and more
	, , , ,
	REAR PANEL COMPONENTS
	7' 10 1/2" (2.4 m) US power cord

HPX-P250-PC-UK (FG561-11)	OVERVIEW
Power Outlet (UK) Module	The HPX-P250-PC-UK module provides power
	connectivity for UK plug types to the HydraPort
	chassis.
\land	DIMENCIONS
	DIMENSIONS
	2.5 HydraPort Units
	FRONT PANEL PLUG COMPATIBILITY
	Type G with safety shutters
	United Kingdom, Ireland, Singapore, and more
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-P200-PC-EU (FG561-21)	OVERVIEW
Power Outlet (EU) Module	The HPX-P200-PC-EU module provides power
	connectivity for EU plug types to the HydraPort
	chassis.
*	
	DIMENSIONS
	2 HydraPort Units
	FRONT PANEL PLUG COMPATIBILITY
	Type F with safety shutters
	Covers many countries in Europe and Asia
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-P200-PC-AU (FG561-31)	OVERVIEW
Power Outlet (AU) Module	The HPX-P200-PC-AU module provides power
	connectivity for AU plug types to the HydraPort
	chassis.
	DIMENSIONS
	2 HydraPort Units
	=, w.
	FRONT PANEL PLUG COMPATIBILITY
	Туре І
	Australia, New Zealand, China, and more
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-P250-PC-IN (FG561-41)	OVERVIEW
Power Outlet (IN) Module	The HPX-P250-PC-IN module provides power
	connectivity for India and South Africa plug types to
	the HydraPort chassis.
	DIMENCIONS
	DIMENSIONS
	2.5 HydraPort Units
	FRONT PANEL PLUG COMPATIBILITY
	Type D/M India South Africa and more
	India, South Africa, and more
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-P200-PC-BR (FG561-71)	OVERVIEW
HydraPort Power Outlet (BR) Module	The HPX-P200-PC-BR provides power connectivity for
ingener over outlet (bit) Module	Brazil plug types (Type N) in the HydraPort chassis.
	Brazin prob types (rype hy in the fryular of t chassis.

	1
220-240V~ 50/60Hz 5A MAX	
	DIMENSIONS 2 HydraPort Units
	FRONT PANEL PLUG COMPATIBILITY
	Type N
UNSWITCHED	Brazil and South Africa
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-P200-PC-EU2 (FG561-61) HydraPort Power Outlet (EU) Module	OVERVIEW The HPX-P200-PC-EU2 provides power connectivity for
220-240V~ 50/60Hz 5A MAX	Eastern European (Type E with Ground Pin) plug types
	in the HydraPort chassis.
•	
3	DIMENSIONS
	2 HydraPort Units
UNSWITCHED	FRONT PANEL PLUG COMPATIBILITY
	Type E with safety shutters
	France, Belgium, and more
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-P200-PC-ITY (FG561-81)	OVERVIEW
HydraPort Power Outlet (ITY) Module	The HPX-P200-PC-ITY provides power connectivity for
	Italy plug types (Type L) in the HydraPort chassis.
	DIMENSIONS
	2 HydraPort Units
	FRONT PANEL PLUG COMPATIBILITY
	Type L with safety shutters
	Italy, Chile, and more
	REAR PANEL COMPONENTS
	IEC 60320 C13 power cord connector
HPX-AV101-HDMI (FG552-24)	OVERVIEW
Single HDMI Module with Integrated Cable	The HPX-AV101-HDMI module provides a HDMI connection to the HydraPort chassis.
HDMI	connection to the hydraport chassis.
	DIMENSIONS
	1 HydraPort Unit
	FRONT PANEL COMPONENTS
	HDMI connector
	REAR PANEL COMPONENTS
HPX-AV101-DVI (FG552-23)	6' 6 3/4" (2 m) Cable to HDMI connector OVERVIEW
Single DVI-D Module with Integrated Cable	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

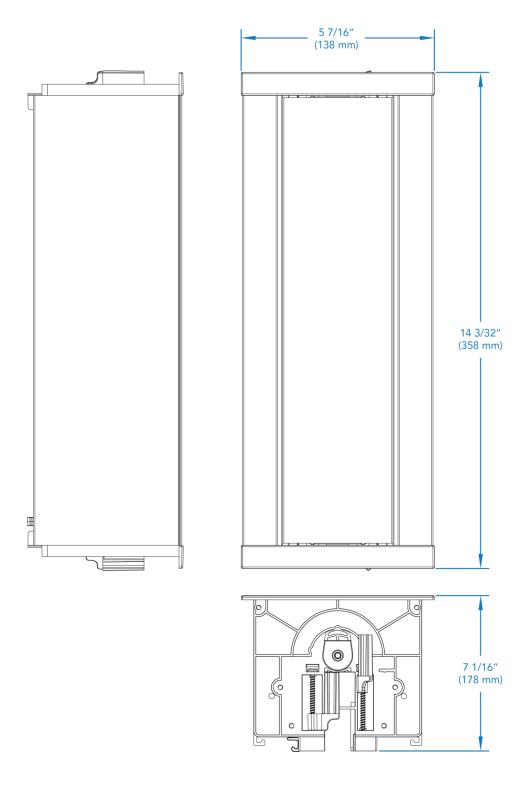
	REAR PANEL COMPONENTS
	6' 6 3/4" (2 m) Cable to male DVI-D connector
HPX-AV101-DVI+A (FG552-22)	OVERVIEW
DVI-D with Stereo Module with Integrated Cables	The HPX-AV101-DVI+A module provides DVI-D video
DVI AUDIO	plus stereo audio connectivity to the HydraPort chassis
0 0 0	with integrated video and audio 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-D connector 6' 6 3/4" (2 m) Cable to male 1/8" stereo mini-jack
	audio connector
HPX-AV100-CS+A (FG552-10)	OVERVIEW
Composite with Stereo Module	The HPX-AV100-CS+A module provides composite
	video plus stereo audio connectivity to the HydraPort
	chassis
LEFT RIGHT	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-AV102-RGB+A (FG552-25)	OVERVIEW
RGB with Stereo Module with Integrated Cables	The HPX-AV102-RGB+A module provides RGBHV video
VGA AUDIO	plus stereo audio connectivity to the HydraPort chassis with integrated video and audio cables.
	with integrated video and dadio 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-AV100-RGB+A (FG552-11)	OVERVIEW
RGBHV with Stereo Module	The HPX-AV100-RGB+A module provides RGBHV video
VGA AUDIO	plus stereo audio connectivity to the HydraPort®
	chassis.
	DIMENSIONS
	1 HydraPort Unit
	FRONT PANEL COMPONENTS
	•Female HD-15 VGA connector

	•Female 1/8" Stereo Mini-Jack
	Female 1/8 Steleo Mini-Jack
	REAR PANEL COMPONENTS
	•9-Position Phoenix screw-terminal Connector for
	Video Signals
	•3-Position Phoenix screw-terminal Connector for
	Audio Signals
HPX-C5400-CS+A (FG552-50-BL-K)	OVERVIEW
Composite with Stereo to Cat5 Module	The HPX-C5400-CS+A module provides composite
	video plus stereo audio connectivity to the HydraPort
	chassis and activates on button press.
ACTIVE	DIMENCIONS
	DIMENSIONS
	4.5 HydraPort Units
	FRONT PANEL COMPONENTS
	3 female RCA connectors (1 for video, 2 for right/left
LEFT	audio)
AUDIO	
O RIGHT	REAR PANEL COMPONENTS
	RJ-45 connector for UDM Cat5
HPX-C5400-VGA+A (FG552-51-BL-K)	OVERVIEW
RGBHV with Stereo to Cat5 Module	The HPX-C5400-VGA+A module provides RGBHV video
	plus stereo audio connectivity to the HydraPort chassis
	and activates on button press.
ACTIVE	DIMENSIONS
	4.5 HydraPort Units
VGA INPUT	
	FRONT PANEL COMPONENTS
	1 female HD-15 VGA connector
AUDIO	1 female 1/8" stereo mini-jack
$\mathbf{\Theta}$	
	REAR PANEL COMPONENTS
	RJ-45 connector for UDM Cat5
HPX-C5400-CN+A (FG552-52-BL-K)	OVERVIEW
Component with Stereo to Cat5 Module	The HPX-C5400-CN+A module provides component
	video plus stereo audio connectivity to the HydraPort
	chassis and activates on button press.
	shadda and activated on batton press.
ACTIVE	DIMENSIONS
	4.5 HydraPort Units
O Y	FRONT PANEL COMPONENTS
Deb O	5 female RCA connectors (3 for component video, 2
💽 РЬ 🥥	for right/left audio
🔘 Pr 💽	
	REAR PANEL COMPONENTS
	RJ-45 connector for UDM Cat5

HPX-CPT200-W (FG562-41)	OVERVIEW
Cable Pass-Thru Well Module	The HPX-CPT200-W provides a convenient way to keep cables out of site in a 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-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)	OVERVIEW
2 M Blank Panel	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	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	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

For a more detailed pictorial drawing please visit: <u>http://www.amx.com/products/HPX-1200.asp</u>



About AMX by HARMAN

Founded in 1982 and acquired by HARMAN in 2014, AMX[®] is dedicated to providing AV solutions for an IT World. AMX solves the complexity of managing technology with reliable, consistent and scalable systems comprising control, video switching and distribution, digital signage and technology management. AMX systems are deployed worldwide in conference rooms, classrooms, network operation/command centers, homes, hotels, entertainment venues and broadcast facilities, among others. AMX is part of the HARMAN Professional Group, the only total audio, video, lighting, and control vendor in the professional AV market. HARMAN designs, manufactures and markets premier audio, video, infotainment and integrated control solutions for the automotive, consumer and professional markets. Revised 10.11.16. ©2016 Harman. All rights reserved. Specifications subject to change.

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