

**Overview**

The HPX-U100-BTN HydraPort Single Button Module (FG554-01) is designed to be used in conjunction with the HPX-600/900/1200/1600 or HydraPort Touch (7"/10") Connection Ports.

The HPX-U100-BTN module provides a configurable momentary button and LED backlight on the face of the HydraPort system.

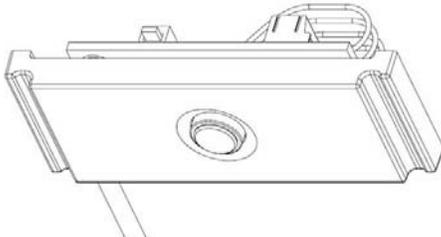


FIG. 1 HPX-U100-BTN SINGLE BUTTON MODULE

**Product Specifications**

HPX-U100-BTN SPECIFICATIONS	
Dimensions (HWD)	25mm x 52mm x 25mm (0.98" x 2.05" x 0.98")
Weight:	0.1 Kg (3.53oz)
Enclosure:	Matt black finished face plate (Polycarbonate plastic).
Front Panel:	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 Connections:	2-position Phoenix screw-terminal connector for LED: <ul style="list-style-type: none"> <li>• LED Anode</li> <li>• LED Cathode</li> </ul> 2-position Phoenix screw-terminal connector for push-button closure <ul style="list-style-type: none"> <li>• S1 Switch Connection 1</li> <li>• S2 Switch Connection 2</li> </ul>
Compatibility:	• HPX-1600 HydraPort Base Assembly
Included Accessories:	Installation Guide

**Installation**

The following instructions describe installing the HPX-N102-USB-PC into HydraPort HPX-600/900/1200/1600 or HydraPort Touch (7"/10") Connection Ports.

For instructions on installing modules into the HPX-1600 Retractable Connection Port (US and International versions), refer to the *HPX-1600 Installation Manual* - available to view or download from [www.amx.com](http://www.amx.com).

*Caution: Only use a manual screwdriver for the mounting instructions in this document. Over-tightening the screws can hinder performance or damage the product.*

**1. Existing HydraPort Installations**

For new HydraPort installations, skip to Step 2.

For existing HydraPort installations, the HydraPort Base Assembly must be un-mounted from the surface before the HPX-N102-USB-PC module can be installed:

1. Cut/remove any cable ties that restrict the removal of the HydraPort Base unit.
2. Loosen four mounting screws (located inside and at each end of the HydraPort base unit), in order to rotate the retaining tabs from under the mounting surface.

*Note that when the cover of the HydraPort base is open, only two of these screws are visible. To access the other two mounting screws, tip the cover over to the opposite open position (see FIG. 2).*

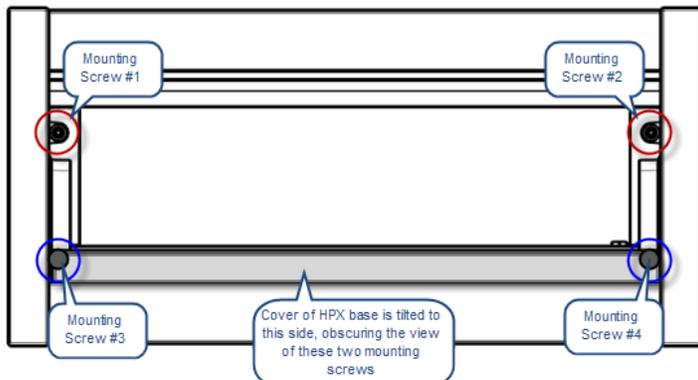


FIG. 2 HYDRAPORT BASE ASSEMBLY (SHOWN MOUNTED) - MOUNTING SCREWS LOCATIONS

3. Once the retaining tabs have been rotated out from under the mounting surface, the HydraPort assembly can be lifted away from the mounting surface. FIG. 3 provides a cutaway view of the End Cap, showing the retaining tabs in both the loose position and the tightened (secure) position:

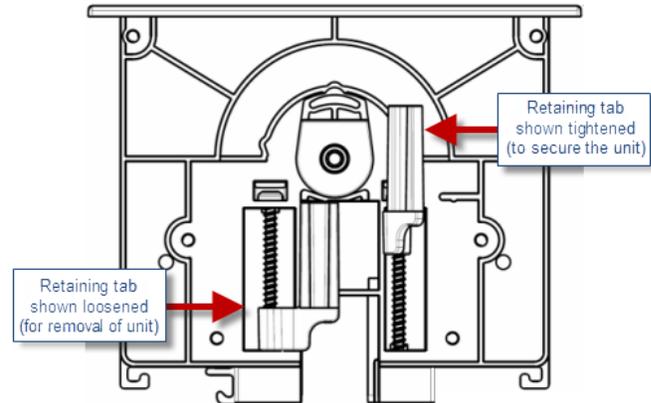


FIG. 3 HYDRAPORT BASE ASSEMBLY (SHOWN MOUNTED) - MOUNTING SCREWS LOCATIONS

**2. Remove the End Cap and Existing Modules**

Remove the End Cap as well as existing modules (as necessary, depending on how you want the modules arranged) from one end of the HydraPort base assembly.

1. Remove the (silver) pivot screw and pivot pawl assembly in the center of the End Cap (FIG. 4).
2. Remove the six (black) sheet metal screws that secure the End Cap to the HydraPort assembly (locations circled in red below).

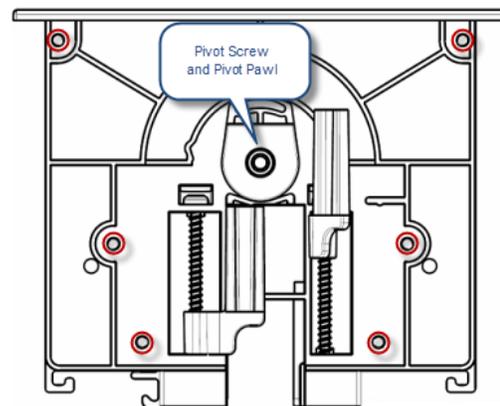


FIG. 4 HYDRAPORT BASE ASSEMBLY (SHOWN MOUNTED) - MOUNTING/PIVOT SCREW LOCATIONS

3. Gently slide the End Cap out of the HydraPort base assembly.

### 3. Insert the Dual USB Module into the HydraPort Base

1. Orient the module relative to the HydraPort base assembly so that the Module's faceplate is facing up, towards the mounting surface (FIG. 5).

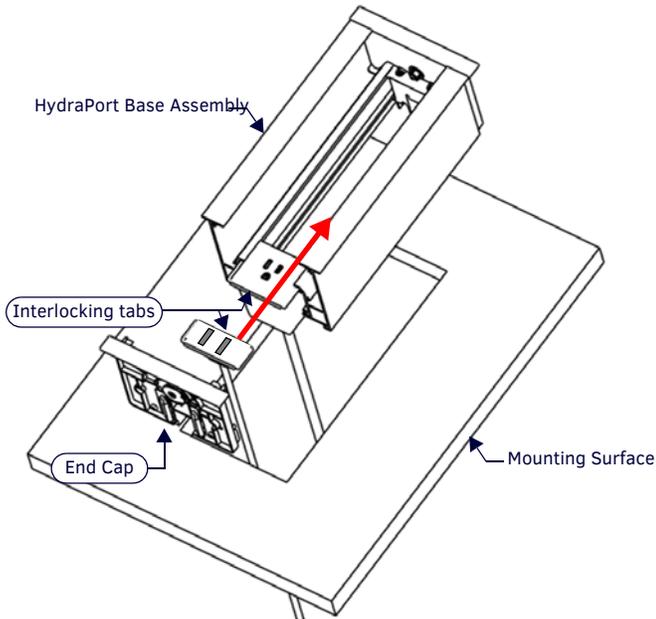


FIG. 5 INSTALLING THE HPX-N102-USB-PC MODULE

2. Align the Mounting Notches on the module with the Mounting Rails on the HydraPort base.  
**Note:** Module faceplates are notched in a "tongue and groove" type fashion to ensure that all modules are oriented correctly in the HydraPort. Note the orientation of the notched faceplate on each module before sliding the module(s) into the HydraPort assembly.
3. Slide the module into position.
4. Install any remaining modules into the HydraPort base.

### 4. Re-Install the End-Cap

**Caution:** Do not use a high-powered torque screwdriver. Over-tightening these screws can damage the product.

1. Align the Mounting Notches on the End Cap with the Mounting Rails on the HydraPort base.
2. Slide the End Cap into the HydraPort base until it is fully inserted against the end of the base assembly.
3. Secure the End Cap with the six (black) sheet metal screws (removed in Step 2 - 2; see FIG. 4).
4. Replace the (silver) pivot screw and pivot pawl assembly (removed in Step 2 - 1, see FIG. 4) in the center of the End Cap.

### 5. Mount the HydraPort into the Mounting Surface

**Caution:** Do not use a high-powered torque screwdriver. Over-tightening these screws can damage the product.

**Note:** For detailed instructions on installing the HydraPort base assembly, refer to the HPX-600/900/1200/1600 and HydraPort Touch (7"/10") Installation Guides (available online at [www.amx.com](http://www.amx.com)).

1. Carefully insert the HydraPort base into the cutout in the mounting surface.
2. Tighten the four mounting screws (loosened in Step 1, see FIG. 3) located inside and at each end of the HydraPort base assembly, to rotate the retaining tabs into locking position under the mounting surface.
3. Replace any cable ties that were removed in Step 1.
- 4.

### Additional Documentation

Refer to the *Products > Architectural Connectivity* catalog page on [www.amx.com](http://www.amx.com) (Dealer Site) for additional product documentation.

