

### Overview

The HPX-AC-MB Hydraport Accessory Mounting Bracket (FG559-21) is designed to be mounted onto the HPX-1600 Hydraport Base Assembly and hold one of several AMX power supplies, switch boxes or breakout boxes (FIG. 1). For more information on the HPX-1600, refer to [www.amx.com](http://www.amx.com).

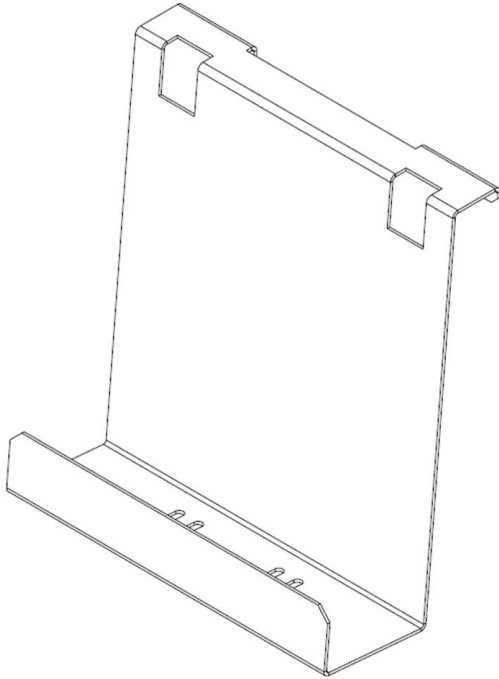


FIG. 1 HPX-AC-MB HYDRAPORT ACCESSORY MOUNTING BRACKET

### Specifications

HPX-AC-MB SPECIFICATIONS	
Dimensions (HWD):	<ul style="list-style-type: none"> <li>• 6.42" x 3.27" x 5.91"</li> <li>• 163mm x 83 mm 150mm</li> </ul>
Weight:	<ul style="list-style-type: none"> <li>• .8 lbs</li> <li>• 0.36 kg</li> </ul>
Construction:	Satin black powder coated metal structure
Capacity:	3.3 lbs (1.5Kg) 1.77" x 5.90" x 5.90" (45mm x 150mm x 150mm)
Compatibility:	<ul style="list-style-type: none"> <li>• HPX-1600 Hydraport Base Assembly</li> <li>• NI-700 / NI-900</li> <li>• RX-02N</li> <li>• UDM-0102</li> <li>• AMX power supplies</li> <li>• Solecis Switchers</li> <li>• Distribution amplifiers</li> <li>• Modero A/V Break-out Boxes</li> <li>• DG and DGX Fiber Tx/Rx Modules</li> <li>• CatPro Transmitters and receivers</li> <li>• Net Module Shells</li> <li>• 3rd party devices</li> </ul> <p><b>Note:</b> Verify dimensions of any product prior to assembly</p>
Included Accessories:	Installation Guide

### Installation

**Important!** Only a professional, AMX-qualified installer should perform this installation. Installation must conform to all local codes. This product may not be installed by the end-user.

#### Tools Required

- Wire cutting pliers
- Phillips Screw Driver

**Note:** If retrofitting the HPX-AC-MB to a previously installed Hydraport Base Assembly, HPX-1600-xx, begin at Step 1. For Concurrent installation, proceed to step 3.

#### Step 1 - Remove Shields (Optional)

1. Remove the protective shields covering the bottom of the HPX-1600 Hydraport Base Assembly.
2. Clip cable ties as required.

#### Step 2 - Loosen Retaining Ring

1. Loosen the retaining ring on the bottom of the HPX-1600 Hydraport Base Assembly.

**Note:** The retaining ring does not need to be removed completely.

#### Step 3 - Install the HPX-AC-MB

1. Install the HPX-AC-MB Accessory Mounting Bracket by trapping it between the retaining ring and mounting surface.

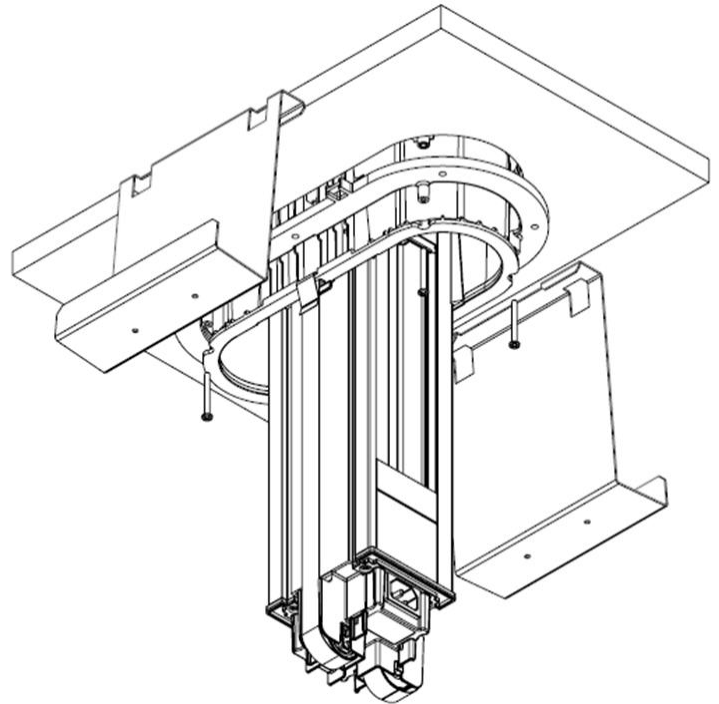


FIG. 2 INSTALLATION OF HPX-AC-MB

2. Note the orientation of the retaining ring. This orientation changes in order to accommodate the various thicknesses of mounting surfaces. In some cases, adding the HPX-AC-MB may increase the overall thickness so as to necessitate reversing the retaining ring. See HPX-1600 Installation guide for more information.

#### Step 4 - Secure the HPX-1600

1. Gradually tighten the four retaining screws to secure the unit in the mounting surface.
2. Ensure the unit is properly aligned in the mounting surface.
3. Torque the retaining screws to approximately 3 in-lbs. Do not over tighten the screws.
4. After tightening the retaining screws, ensure the unit moves smoothly up and down.

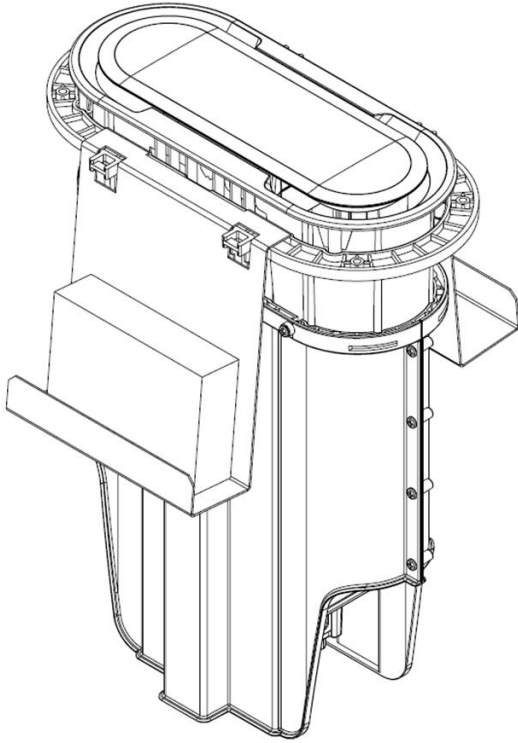
**Note:** Over tightening the retaining screws can cause the system to bind. If the system binds, gradually loosen the retaining screws until it operates smoothly.

#### Step 5 - Reinstall Shields

Reinstall shields if removed in Step 1.

#### Step 6 - Install Accessory

Place the desired accessory in the cradle of the HPX-AC-MB mounting bracket. The slotted screw holes may be used to secure many popular accessories (FIG. 3).

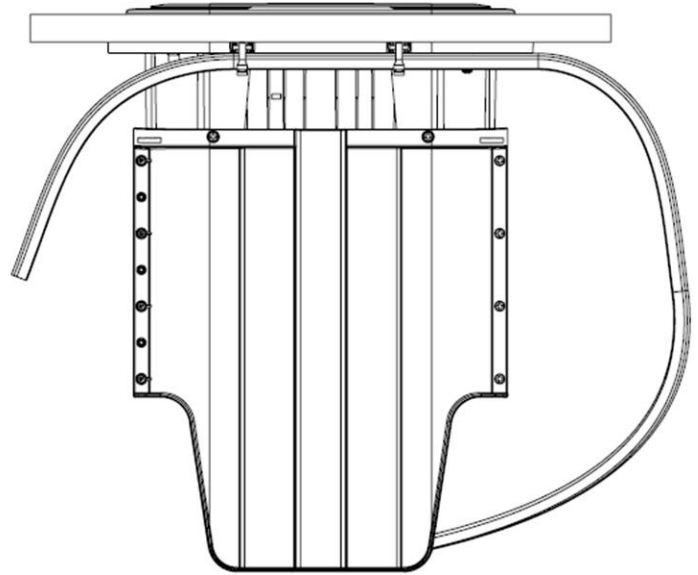


**FIG. 3** ACCESSORY BOX IN HPX-AC-MB

Otherwise, secure the accessory with Velcro or cable ties as required.

#### Step 7 - Secure Cables

Secure any cables coming from the HPX-1600 Base Assembly to the installed accessory to the four tabs provided on the retaining ring using the wire ties (FIG. 4).



**FIG. 4** SECURED SERVICE LOOP

- Ensure there is sufficient service loop to allow the system to travel in its full range of motion.
- Avoid excess service loop as this can place significant weight on the sliding and lifting mechanism and prevent the system from functioning properly.
- Ensure the service loop does not catch on the shields or any other obstruction and is away from users who might kick or snag the cables.

