

Installation Instructions

5" Slide in Shelf with VESA Plate



Preface

Important, Please Read Carefully

Thank you for your purchase with Amico.

This unit is designed for long lasting performance, providing the end user complies with assembly and maintenance procedures. This Instruction Manual is your guide to ensure that you get the best performance out of the equipment. Amico Accessories is not responsible for any damage as a result of (but not limited to) abuse and other problems that may be a direct or indirect result of failure to comply with the instructions provided in this manual.

Please note these key words and symbols:



WARNING Steps where extra care should be taken to prevent injuries and damage



NOTE Steps that point out helpful information

RESPONSIBILITY OF MEDICAL FACILITIES

Preventive maintenance checks must be performed regularly to maintain the quality and performance of this product. Any parts that may be broken, missing, worn, distorted, or contaminated in any way should not be used and all affected parts should be replaced immediately. Should the necessity of any repair be suspected; please contact your local distributor.

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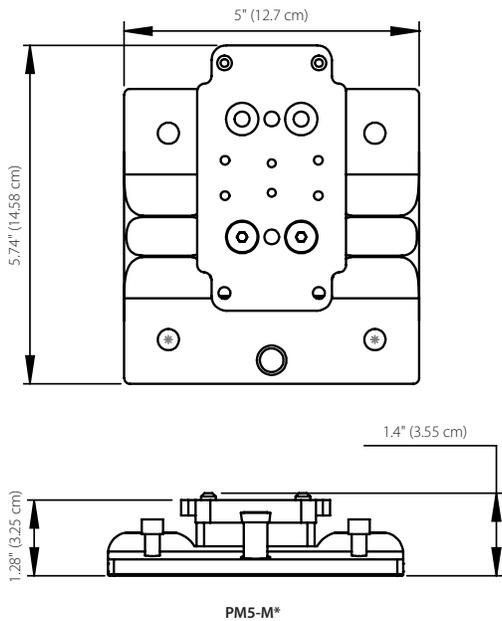
Section 1: Product Specifications

Features

1. Easy to clean
2. Secure locking plunger for quick release
3. 75/100 VESA mounting options with easy installation slots
4. Compatible with a variety of rail types

Specifications

1. Maximum load of 20 lbs (9.1 kg)
2. 5.00" L x 5.74" H



MODEL MAXIMUM DEPTH

Back of adapter to front of plate (back of monitor) distance.

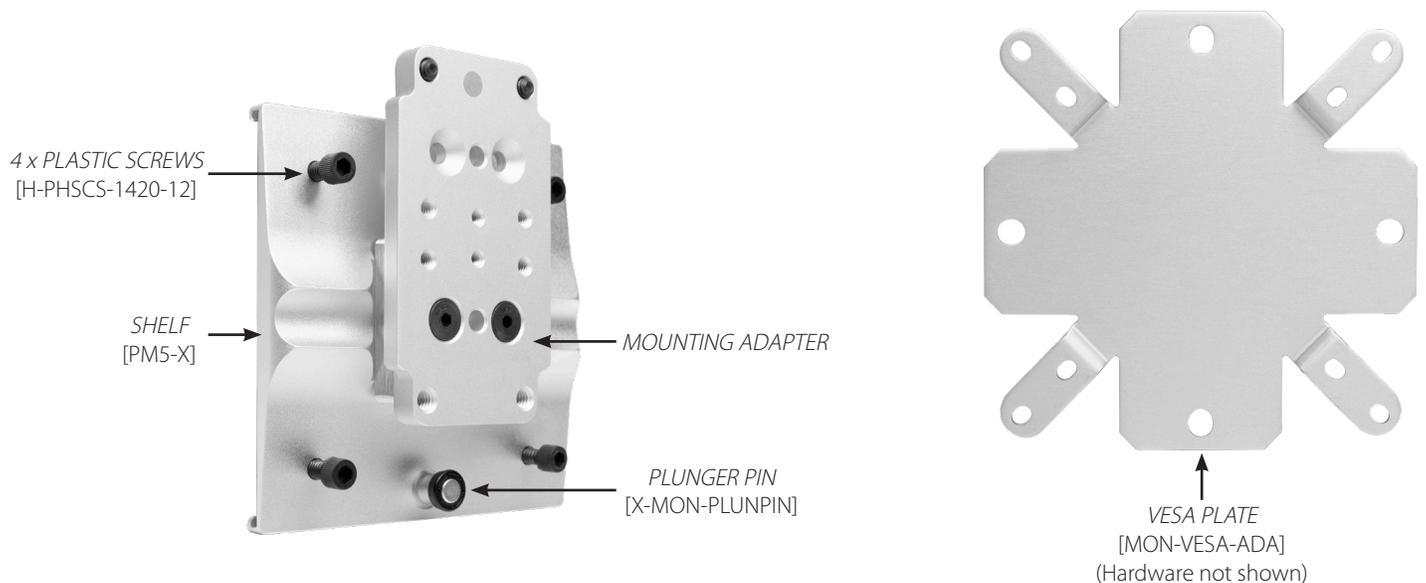
V	=	3.16" (8.03 cm)	G	=	3.35" (8.51 cm)
D	=	3.25" (8.23 cm)	S	=	3.75" (9.53 cm)
F	=	3.25" (8.23 cm)	PLH	=	3.18" (8.07 cm)
*M	=	1.28" (3.25 cm)	PLV	=	3.19" (8.10 cm)
A	=	2.92" (7.42 cm)	R200	=	3.40" (8.64 cm)
E25	=	2.15" (5.46 cm)			

Section 2: Installation Preparation

Installation Tools

A: Tools	
 1/8" hex key	 7/32" hex key (FTA only)

Installation Reference



Mounting Options

- V** = Amico Vertical Rail Mount (compatible with Amico and Modular)
- D** = Dovetail Rail Mount (compatible with Ohmeda Rail)
- F** = Fairfield Rail Mount (push button optional)
- *M** = Monitor Rail Mount
- A** = Amico Horizontal Rail Mount (compatible with Amico and Modular)
- E25** = DIN 25mm (1") Rail Mount (30mm [1.2"], 35mm [1.4"] optional)
- G** = Hill-Rom Vertical Rail Mount
- S** = HSI Vertical Rail Mount
- PLH** = Horizontal Pole Clamp (adjustable)
- PLV** = Vertical Pole Clamp (adjustable)
- R200** = 2" Diameter Pole Clamp

Amico Accessories includes all the adapters required for the above rail systems

Section 2: Installation Preparation

Parts Legend

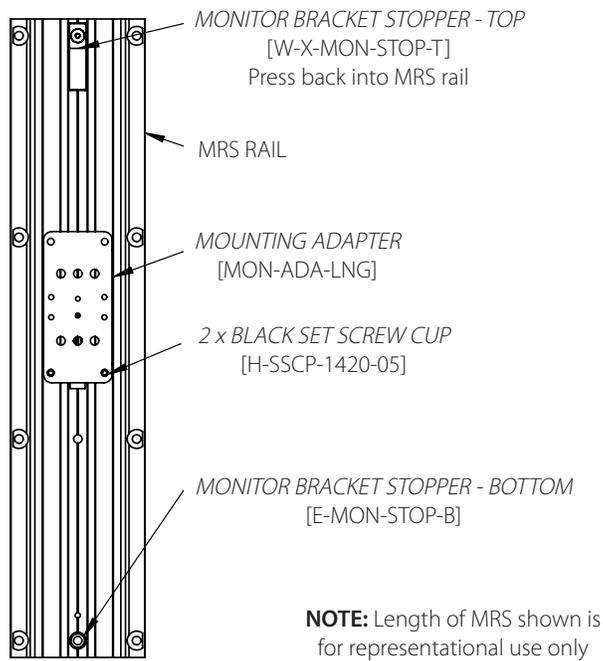
NOTE: Please note part descriptions provided below.

Manufacturer Part Number	Part Description
H-PHSCS-1420-12	PLASTIC SCREWS
MON-PM5-SHELF	SHELF
X-MON-PLUNPIN	PLUNGER PIN
MON-VESA-ADA	VESA PLATE
H-SSCP-1420-05	SET SCREWS
VTA-X-LOCKNOB	VERTICAL TRACK ADAPTER LOCK KNOB
V-ADAPTER (VTA-8-32)	VERTICAL TRACK ADAPTER
X-HBLOCK-ARM	LEVER ARM
X-PC1-CLMP-CLP	CLAMP
X-PLV-832-BDY	CLAMP BODY
H-PC1-CLMP-HDL	KNOB
H-NUT-M8-NYL	NUT
X-MON-CLAMP-A	HORIZONTAL TRACK ADAPTER
H-HSSS-71620-38	ALLOX HEX SOCK SET SCREWS
W-X-BALL-375-NY	NYLON WHITE BALL BEARINGS
H-HR-CONV-PIN-2	GTA/HILL-ROM TRACK ADAPTER PIN(S)
ETA ADAPTER (ETA-8-32)	DIN TRACK ADAPTER
X-GTA-KNOB	GTA/HILL-ROM ADAPTER KNOB
X-PC-2-1-8-32	FRONT HALF CLAMP
X-PC-2-2-8-32	BACK HALF CLAMP
H-PHSCS-1420-10	SOCKET HEAD CAP SCREWS

Section 3: Mounting to Platform

Mounting on MRS

1. Lift the *SHELF* and guide the *MOUNTING ADAPTER* into the top of the MRS rail as shown. Ensure 2 x *SET SCREWS* are loosened to allow height adjustment.
2. Once the *SHELF* is in the desired position on the MRS rail, tighten 2 x *SET SCREWS* to the tightest possible position on the *MOUNTING ADAPTER* using a 1/8" hex key.



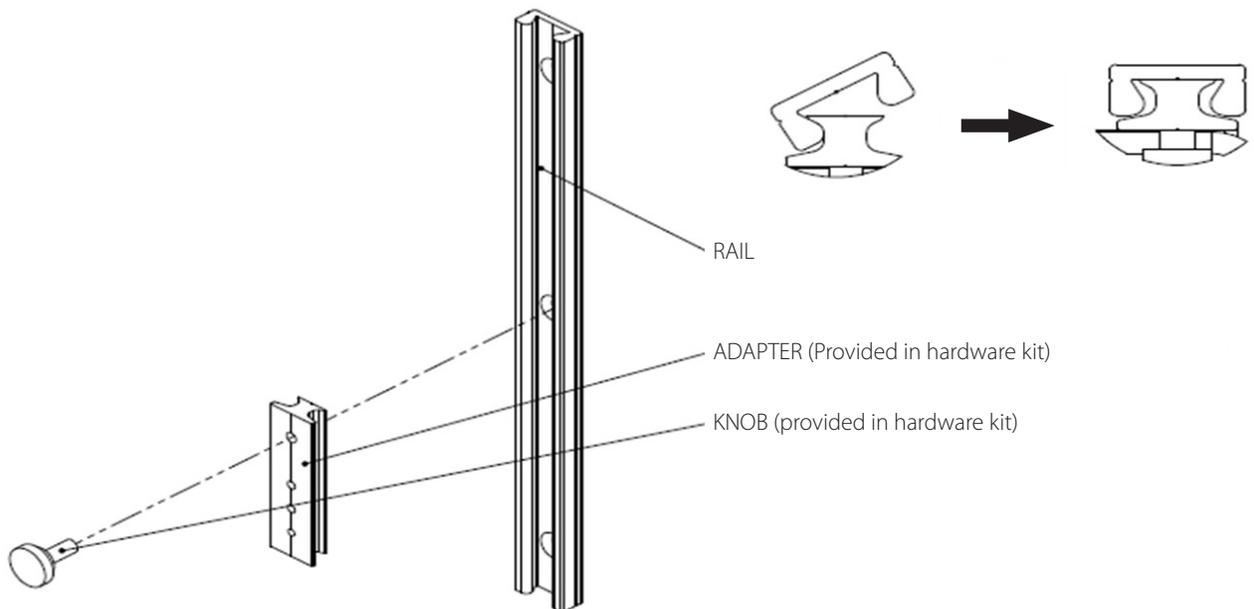
Section 3: Mounting to Platform

Mounting on VRS and Ohmeda Rail

NOTE: When the *VERTICAL ADAPTER LOCK KNOB* is turned clockwise, it causes the lock of the adapter to slide inward, locking the adapter onto the rail. When it is turned counter-clockwise, it causes the adapter to slide outward, unlocking the adapter.

INSTRUCTIONS

1. Angle the *MOUNTING ADAPTER* from the left of the *VRS* rail and rotate the adapters into the groove of the rail.
2. Tighten the *VERTICAL ADAPTER LOCK KNOB* when *SHELF* is at the desired height. Ensure it is completely tightened.



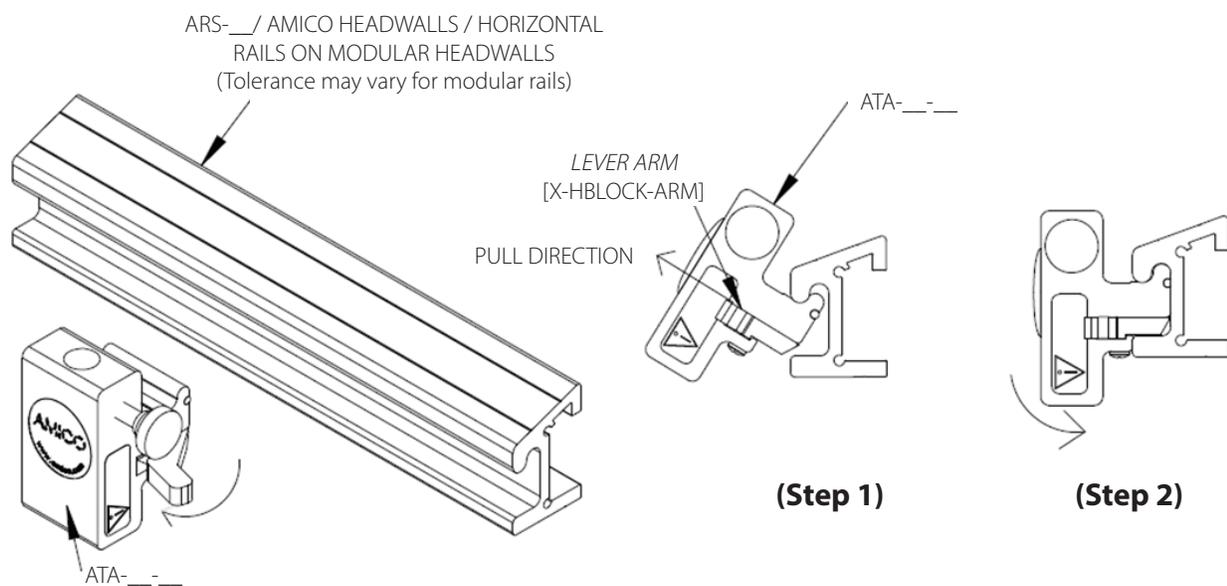
Section 3: Mounting to Platform

Mounting on ARS

⚠ WARNING: AFTER THE MOUNTING ADAPTERS ARE INSTALLED, ENSURE THAT THE LEVERS ON THE MOUNTING ADAPTERS ARE PRESSED IN AS FAR AS POSSIBLE AND THE ADAPTERS ARE PLACED CORRECTLY INSIDE THE RAIL BEFORE MOUNTING DEVICES.

INSTRUCTIONS

1. Install *MOUNTING ADAPTER* onto rail by angling the upper lip into the inside lip of the *ARS*, pull the *LEVER ARM* back against the *HORIZONTAL TRACK ADAPTER* and push into the rail. Once secure, release the *LEVER ARM*.



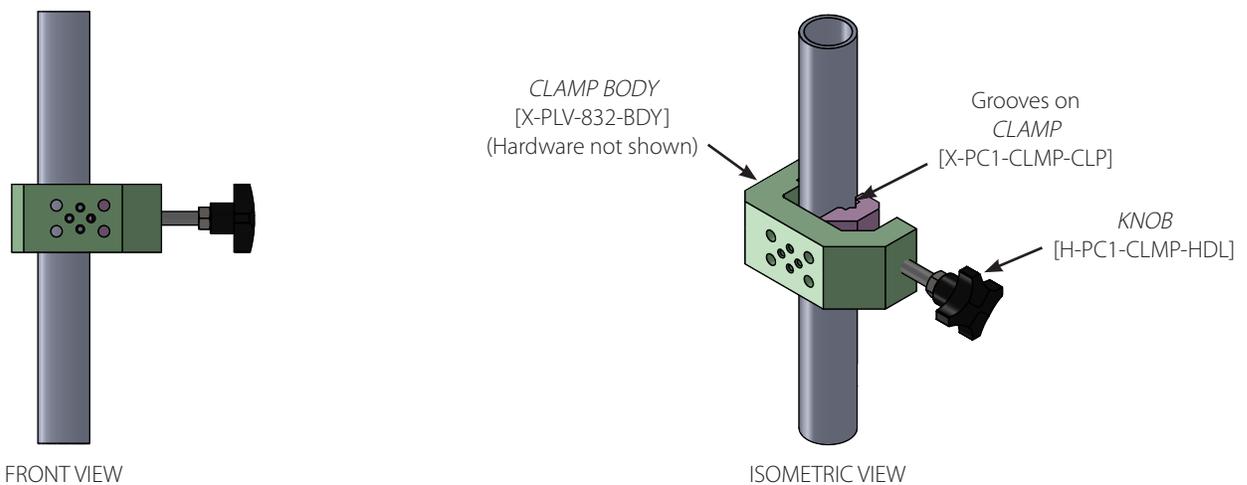
Section 3: Mounting to Platform

Mounting on PLV/PLH

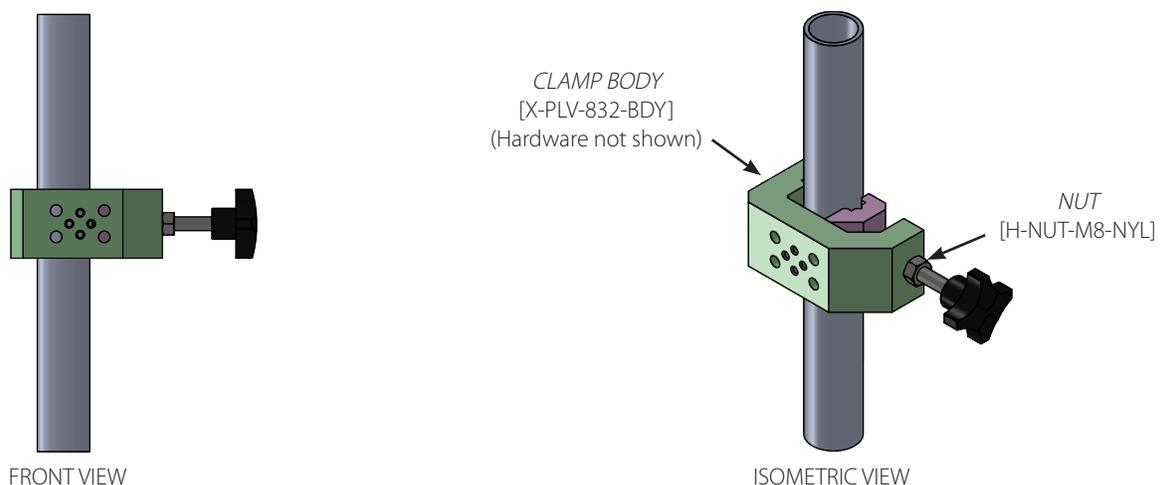
- NOTE:** The figures below show mounting without any device attached.
- NOTE:** The *PLV-8-32* is only compatible with 0.75"-1.5" diameter posts.
- NOTE:** Ensure the post sits between grooves on bottom *CLAMP CLIP* and body of *CLAMP*.

INSTRUCTIONS

1. Align *CLAMP BODY* perpendicular to the axis of the post and tighten the *KNOB* by turning clockwise.



2. Tighten *NUT* by rotating *KNOB* clockwise onto *CLAMP BODY*.



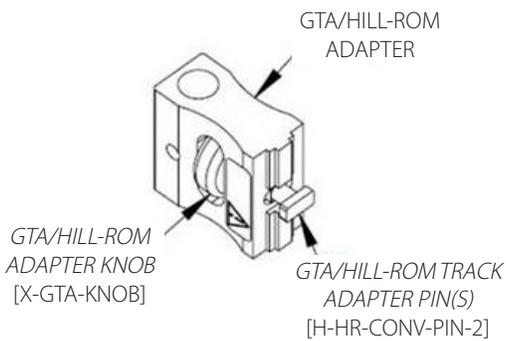
- NOTE:** To uninstall, remove equipment then rotate *NUT* counterclockwise, then rotate *KNOB* counterclockwise until *CLAMP BODY* can be removed.

Section 3: Mounting to Platform

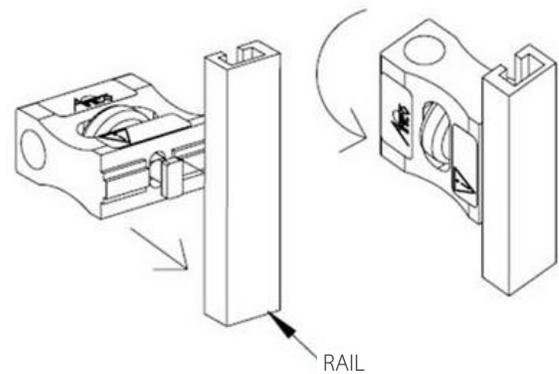
Mounting on GTA/Hill-Rom

INSTRUCTIONS

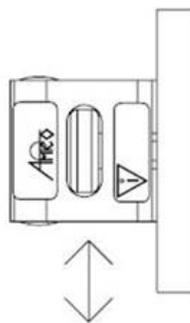
1. Loosen *GTA/HILL-ROM ADAPTER KNOB* until *GTA/HILL-ROM TRACK ADAPTER PIN* is long enough to fit into rail.
2. Turn *MOUNTING ADAPTER* 90 degrees to rail and insert *GTA/HILL-ROM TRACK ADAPTER PIN* into rail slowly. Turn back 90 degrees until *MOUNTING ADAPTER* is parallel to rail as shown in **Figure 2**.
3. Adjust height of *MOUNTING ADAPTER* and secure *GTA/HILL-ROM ADAPTER KNOB* by tightening as shown in **Figure 3**.



(Figure 1)



(Figure 2)



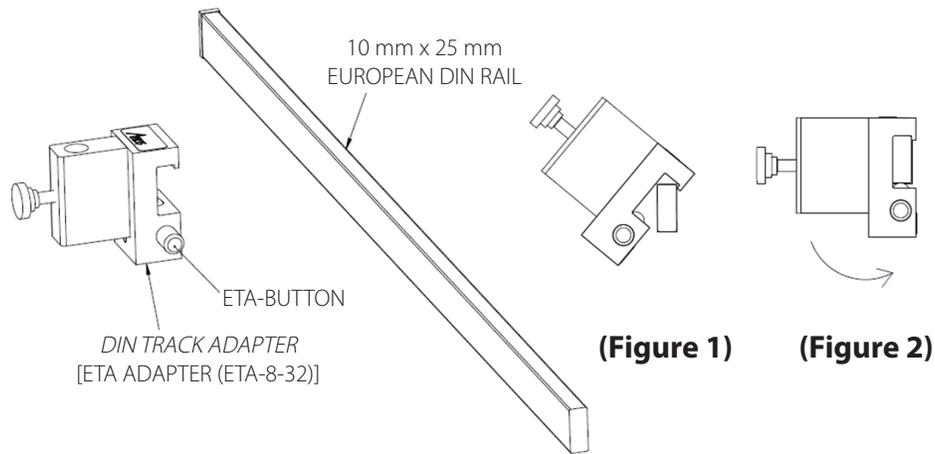
(Figure 3)

Section 3: Mounting to Platform

Mounting on DIN Rail

INSTRUCTIONS

1. Fully press the *DIN TRACK ADAPTER* button and angle the adapter towards the rail (as shown by the arrow) and ensure the groove on the adapter sits on the groove of the DIN rail.
2. Adjust placement of *DIN TRACK ADAPTER* and release button to secure.

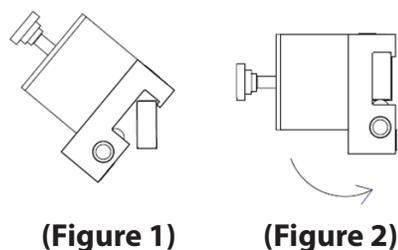


Mounting on FRS (Fairfield) and LRS

NOTE: The Fairfield rail and the LRS rail use the same adapter. The installation procedure is the same for both adapter. Only the Fairfield configuration is shown below.

INSTRUCTIONS

1. Unscrew 2 x *ALLOY HEX SOCK SET SCREWS* on adapter. Do not unscrew all the way, only until the top of the bearings are flush with the adapter surface. Push the adapter towards the rail (as shown by the arrow) and ensure the groove on the adapter sits on the groove of the rail.
2. Completely tighten the bearings and ensure the bearings sit on the bottom groove of the rail.

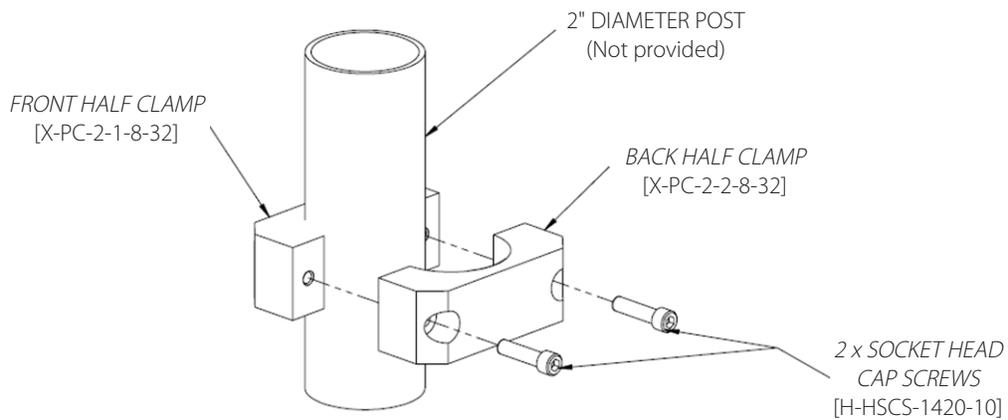


Section 3: Mounting to Platform

Mounting on Pole Clamp (1.25", 1.5" and 2" Diameter)

INSTRUCTIONS

1. Align *FRONT HALF CLAMP* perpendicular to axis of the post at desired height as shown.
2. Align the holes of *BACK HALF CLAMP* to *FRONT HALF CLAMP* with pole sandwiched between.
3. Insert 2 *SOCKET HEAD CAP SCREWS* through *BACK HALF CLAMP* and tighten into *FRONT HALF CLAMP* evenly.

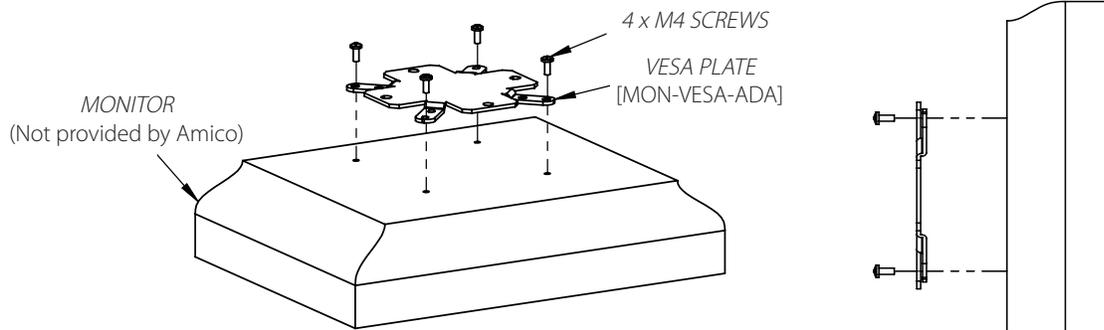


Section 4: Mounting to Device

Mounting to Device

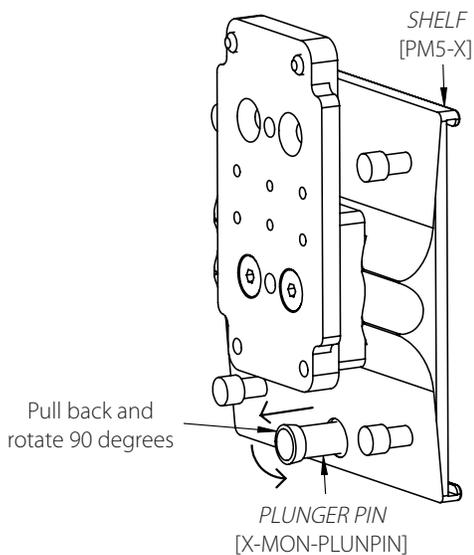
INSTRUCTIONS

1. Place *MONITOR* face down on a padded surface and attach *VESA PLATE* to monitor using 4 x *SCREWS* (**Figure 1**).



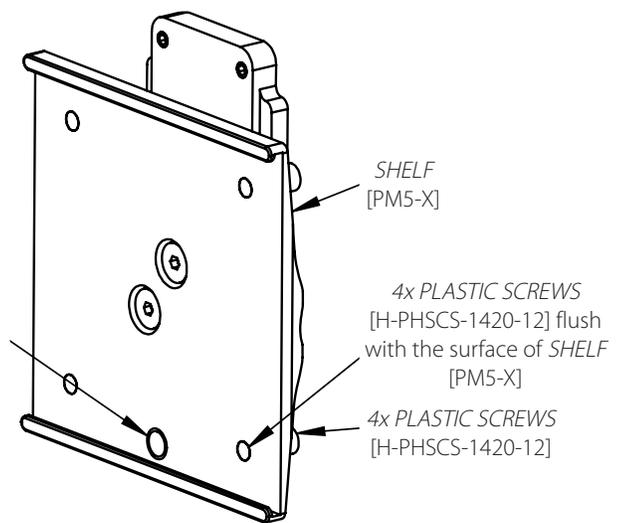
(Figure 1)

2. Pull *PLUNGER PIN* back and rotate 90 degrees in order to disengage the plunger as shown in **Figure 2** (only the MRS configuration is shown below). At this stage, the *PLUNGER* pin will not protrude through the front hole of the *SHELF* (**Figure 3**). Please note this when mounting device. Loosen 4 x *SOCKET CAP SCREWS* to be flush with the surface of the *SHELF*.



(Figure 2)

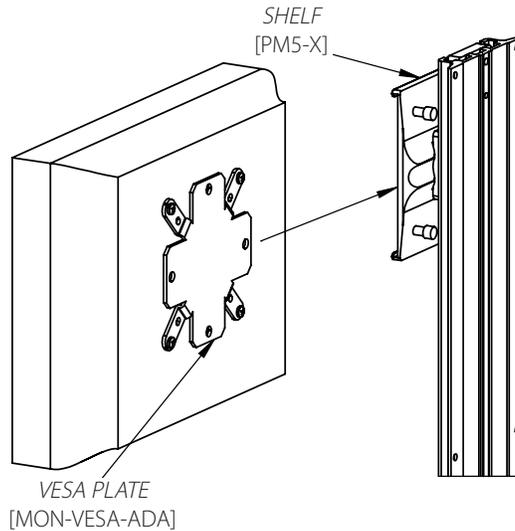
PLUNGER PIN [X-MON-PLUNPIN] does not protrude through the front hole in *SHELF* [PM5-X]



(Figure 3)

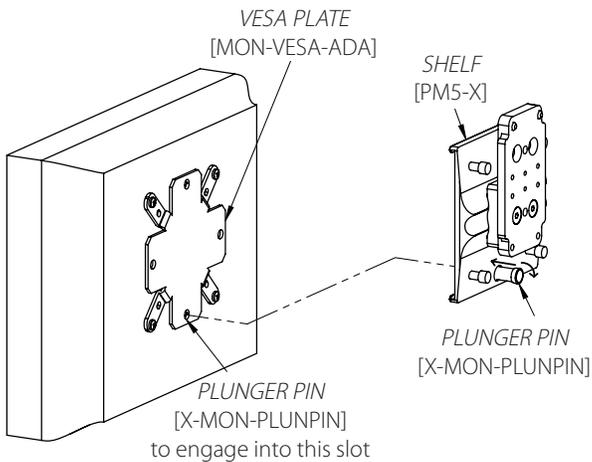
Section 4: Mounting to Device

- Slide *VESA PLATE* into *SHELF* (**Figure 4**). Note that the *SHELF* should be securely attached to the mounting platform at this stage and the *PLUNGER PIN* should be disengaged. To disengage the *PLUNGER PIN*, see instructions in "Mounting to Platform" section.

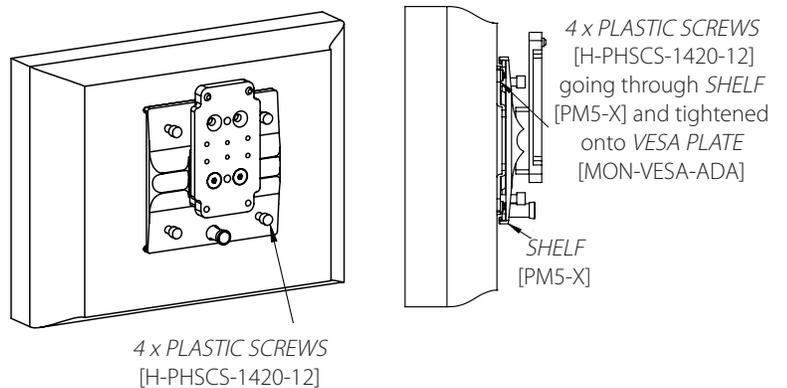


(Figure 4)

- Pull *PLUNGER* pin slightly back. Rotate 90 degrees again and release. This should re-engage the pin and allow protrusion through the *SHELF* and into the bottom slot on the *VESA PLATE*. If the *PLUNGER* pin does not engage, pull back, rotate slightly and retry. **Figure 5** shows an exploded version (note the rail has been omitted for clarity).
- Tighten 4 x *SOCKET CAP SCREWS* onto the *VESA PLATE* (**Figure 6**).



(Figure 5)



(Figure 6)

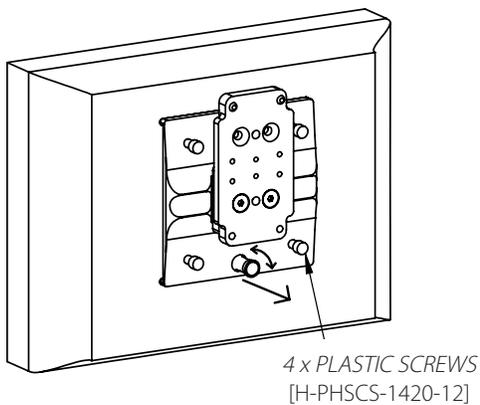
Section 5: Adjustments

The monitor can be rotated to a landscape/portrait orientation. To achieve this, follow the steps below.

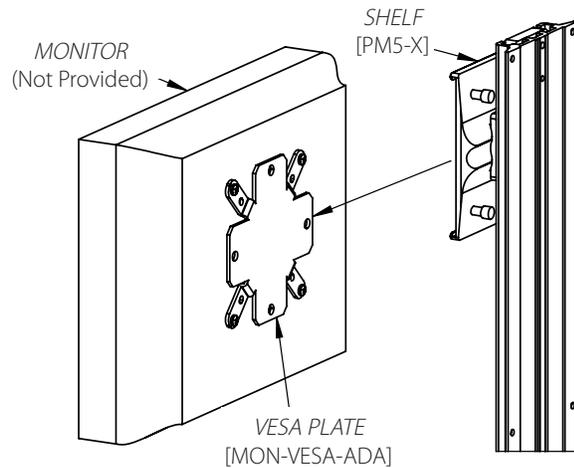
NOTE: The mounting rail has been omitted from some figures for clarity.

INSTRUCTIONS

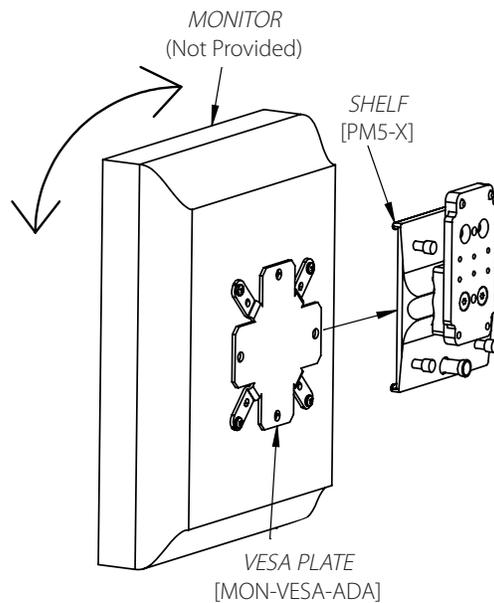
1. Loosen 4 x *SOCKET CAP SCREW* fully, disengage the *PLUNGER* pin by pulling it back and rotating 90 degrees (**Figure 1**).
2. Carefully slide the *MONITOR* (attached to *VESA PLATE*) from the *SHELF* (**Figure 2**).
3. Rotate the *MONITOR* to the desired orientation and slide the *VESA PLATE* back into the *SHELF*.
4. Follow steps 3 and 4 from the "Mounting Devices" section to complete adjustment.



(Figure 1)



(Figure 2)



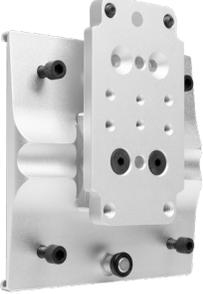
(Figure 3)

Section 6: Maintenance and Troubleshooting

Troubleshooting Guide

Symptoms	Possible Cause	Solution
Device feels loose	4 x M4 screws are loose	Tighten the 4 x M4 screws through MON-VESA-ADA onto the device
MON-VESA-ADA feels loose	4 x plastic screws are not tightened onto MON-VESA-ADA	Follow step 4 in the "Mounting to Device" section
	Plunger pin is not engaged	Follow step 3 in the "Mounting to Device" section

Maintenance

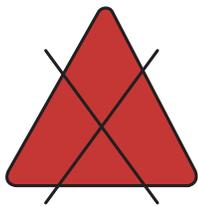
Area	Maintenance	Period
	Tighten 4 x plastic screws onto MON-VESA-ADA	3 months
	Ensure plunger pin is engaged	

Section 6: Cleaning

⚠ WARNING: THE CLEANING CHEMICALS AND METHODS BELOW ARE NOT MEANT FOR CONTROLLING ANY INFECTIONS. IT SHALL BE THE RESPONSIBILITY OF THE HOSPITAL OR THE HOSPITAL'S INFECTION CONTROL OFFICER TO SANITIZE THE EQUIPMENT.

⚠ WARNING: PLEASE DO NOT SPRAY ANY CHEMICAL DIRECTLY ONTO THE PRODUCT. APPLY ONTO A SOFT CLOTH AND WIPE CLEAN TO PREVENT CHEMICALS GETTING INTO THE PRODUCT.

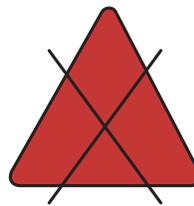
The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospital environment (e.g. diluted bleach, ammonia, or alcohol solutions). The surface finish will be permanently damaged by strong chemical and solvent such as acetone and trichloroethylene. Steel wool or other abrasive material should never be used. Damaged caused by the use of unapproved substances or processes will not be warranted. It is recommended that you test any cleaning solution on a small area of the product that is not visible to verify compatibility. Never submerge the product and do not allow liquids to enter it. Wipe any cleaning agents off the product immediately using a water-dampened cloth. Dry the product thoroughly after..



Acetone

No Acetone

Acetone is a colorless, mobile, flammable liquid



Trichloroethylene

No Trichloroethylene

Trichloroethylene is a chlorinated hydrocarbon commonly used as an individual solvent



Warranty Policy - Equipment Mounting Solutions

Amico Accessories Inc. warrants all mounting accessories to be free from defects in material and workmanship for a period of twelve (12) months from the date of shipment. Within this period Amico Accessories Inc. will repair or replace any part which is proven to be defective.

Amico Accessories Inc. will warrant its materials to be free from defect for an additional period of four (4) years, (five [5] years from the date of shipment). Within this period, Amico Accessories Inc. will replace any part which is proven to be defective, at no charge. Shipping and Installation costs after the first twelve (12) months will be borne by the Customer.

This warranty is valid only when the product has been properly installed according to Amico Accessories Inc. specifications, used in a normal manner and serviced according to factory recommendations. It does not cover products that are not manufactured by Amico Accessories Inc. It does not cover failures due to damage which occurs in shipments or failures which result from accidents, misuse, abuse, neglect, mishandling, alteration, misapplication or damage that may be attributable to acts of God.

Amico Accessories Inc. shall not be liable for incidental or consequential damages resulting from use of equipment.

All claims for warranty must first be approved by Amico Accessories Inc. A valid Return Goods Authorization (RGA) number must be obtained from Amico Accessories Inc. prior to commencement of any service work. Warranty work, which has not been pre-authorized by Amico Accessories Inc., will not be reimbursed.

AMICO ACCESSORIES INC. DOES NOT HONOR VERBAL STATEMENTS CONCERNING THE WARRANTY.

The distributor and/or dealer are not sanctioned to create verbal warranties about the product described in this agreement. Any statements will not be honored or be made part of the agreement of sale. This document is the final complete and exclusive terms of the agreement.

THIS WARRANTY IS INCLUSIVE AND REPLACES ALL OTHER WARRANTIES.

Amico Accessories Inc. shall not, under any circumstances be liable for incidental or consequential damages including, but not limited to, profit, loss of sales or injuries to person(s) or property. Correction of noncompliance as noted above will result in completion of all liabilities of Amico Accessories Inc., whether based on agreement, neglect or changed materials, designs or specifications without notice.

All claims for warranty must first be approved by Amico Accessories Inc. Service Department: accessories@amico.com or 1.877.264.2697). A valid Return Goods Authorization number must be obtained from Amico Accessories Inc. prior to commencement of any warranty claim.

www.amico.com

Amico Accessories Inc. | 85 Fulton Way, Richmond Hill, ON L4B 2N4, Canada
Toll Free Tel: 1.877.264.2697 | Tel: 905.763.7778 | Fax: 905.763.8587
Email: info@amico-accessories.com | www.amico.com