Installation Instructions

Falcon IT (FIT)

Amico

www.amico.com

Preface

IMPORTANT, PLEASE READ CAREFULLY

Thank you for your purchase with Amico Accessories Inc.

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.

Medical Facility Responsibilities

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 or call 877.264.2697.

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SECTION 1: Installation Preparation

Installation Tools Requirements

The following table lists all the tools and parts required for installation

Item	Item number	Qty
Phillips screw driver #2	A1	1
HEX keys (1/8" (0.3175cm), 3/16" (0.47625cm), M3, M4)	A2	1 each
Socket wrenches (12 mm (1.2cm), ½" (0.05cm))	A3	1 each
Adjustable wrench	A4	1

NOTE: Amico does not provide any monitor hardware, nor the tools necessary for assembly.

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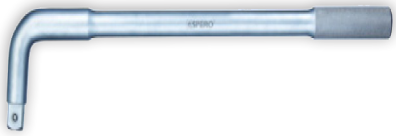
3	
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SECTION 1: Installation Preparation

Pre-Installation Information (Please Read Carefully Before Starting)

WARNING VERIFY THAT RAILS HAVE BEEN INSTALLED IN ACCORDANCE WITH AMICO RAIL INSTALLATION IN STRUCT IONS. RAIL FAILURE WITH DEVICES MOUNTED CAN CAUSE SERIOUS INJURY AND EQUIPMENT DAMAGE

WARNING IT IS DANGEROUS TO USE THE ARM FOR WEIGHTS OUTSIDE OF THE RATED RANGE. STRUCTURAL FAILURE AND/OR SERIOUS INJURY COULD RESULT

WARNING DO NOT POSITION THE FIT STATION ABOVE A PATIENT.

WARNING The FIT station contains a strong gas spring which is used to counterbalance the weight of the mounted device. The arm housing should never be disassembled by non-Amico personnel. Failure to follow these guidelines could result in serious injury.

WARNING It shall be the responsibility of the hospital, its consultants and/or contractors to determine if the mounting surface is adequate to safely mount the specific instrument. This includes the selection of appropriate fasteners and the proper installation, REGARDLESS WHAT IS SUPPLIED WITH YOUR IT STATION. See Rail Instructions for specific wall channel guideline information.

WARNING Verify the weight of the device to be mounted. (FIT Stations are rated at 30 lbs (13.6 kg) total load. (PLEASE REFER TO WEIGHT RATING LABEL, LOCATED EITHER ON THE TOP OR BOTTOM OF THE ARM ASSEMBLY, DEPENDING ON THE MODEL). The VESA monitor head is rated for 30 lbs (13.6 kg), the keyboard tray is rated for 15 lbs (6.8 kg). Check that the device to be mounted does not exceed the weight rating. Serious injury and damage to the arm can occur as a result of overloading arm assembly.

The FIT weight rating applies to all units with extensions.

For installation on non-Amico rails, ensure the rail is safe for the application.

If you are unsure of your application, please contact an Amico Accessories product Specialist:
1-877-264-2697

Considerable efforts have been made to ensure the safety of your hospital staff and your patients. The installation itself is beyond the control of Amico Accessories. Accordingly, Amico Accessories will not be responsible for failure related to the installation of the product.

CONTACT AMICO ACCESSORIES TO DISCUSS SOLUTIONS NOT COVERED IN THIS MANUAL:
1-877-264-2697

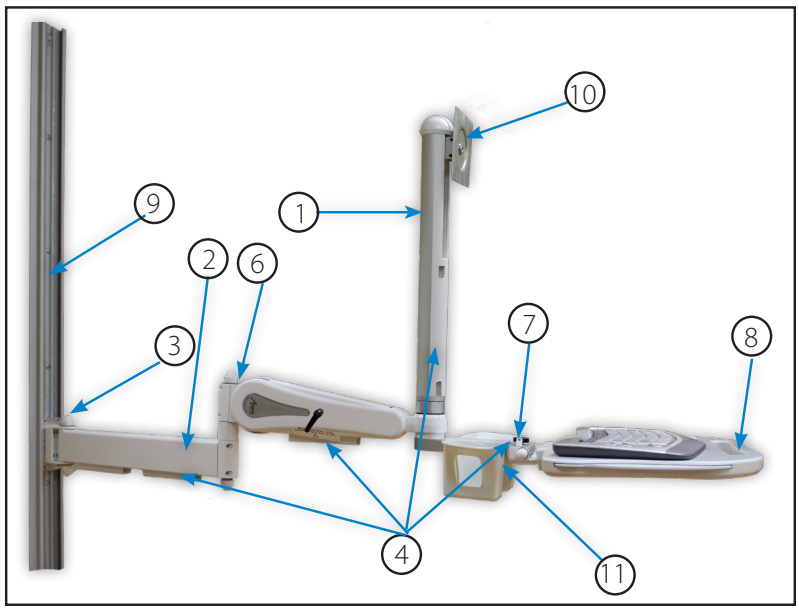
SECTION 1: Installation Preparation

Typical Installation Reference

The picture below illustrates the components referenced in relation to one another in the installation of the FIT STATION. Please follow the instructions outlined herein to ensure proper installation.

FIT Station

1. **Swivel Post (Pg.34)**
   For mounting and positioning of monitor
2. **Extension Arm (Pg.27)**
   extension arm to increase movement range of AHM (if applicable)
3. **Mounting Adapter(Pg.7-14)**
   Different mounting adapters will be provided based on the rail system used
4. **Cable Management (Pg.19-24)**
   Manage cables for the FIT Station for a clutter free environment
5. **Height Locking Lever (Pg.25) (Not Shown)**
   Locks arm at desired height,
6. **Counter Balance Bolt (Pg.26)**
   Balance the weight of the monitor on the AHM arm of the FIT station
7. **Negative Tilt Knob (Pg.30)**
   Tilts the keyboard tray's back downwards for proper ergonomics in certain cases
8. **Keyboard Tray (Pg.17-18) (2 x mousepad, 12 x dual lock coins provided; wrist rest if purchased)**
   Location for Keyboard & Mouse
9. **Rail System (Pg.7-14)**
   For mounting the FIT station, varies depending on user's selection. Rail is packed separately and must be installed first.
10. **VESA Head (Pg.28-29)**
    For mounting the monitor
11. **Mouse/Scanner Holder (Pg.16)**
    For storing mouse and hand-held scanners.
12. **CPU Mount (Pg. 7-13) (Not Shown)**
    For Mounting CPU for FIT station.

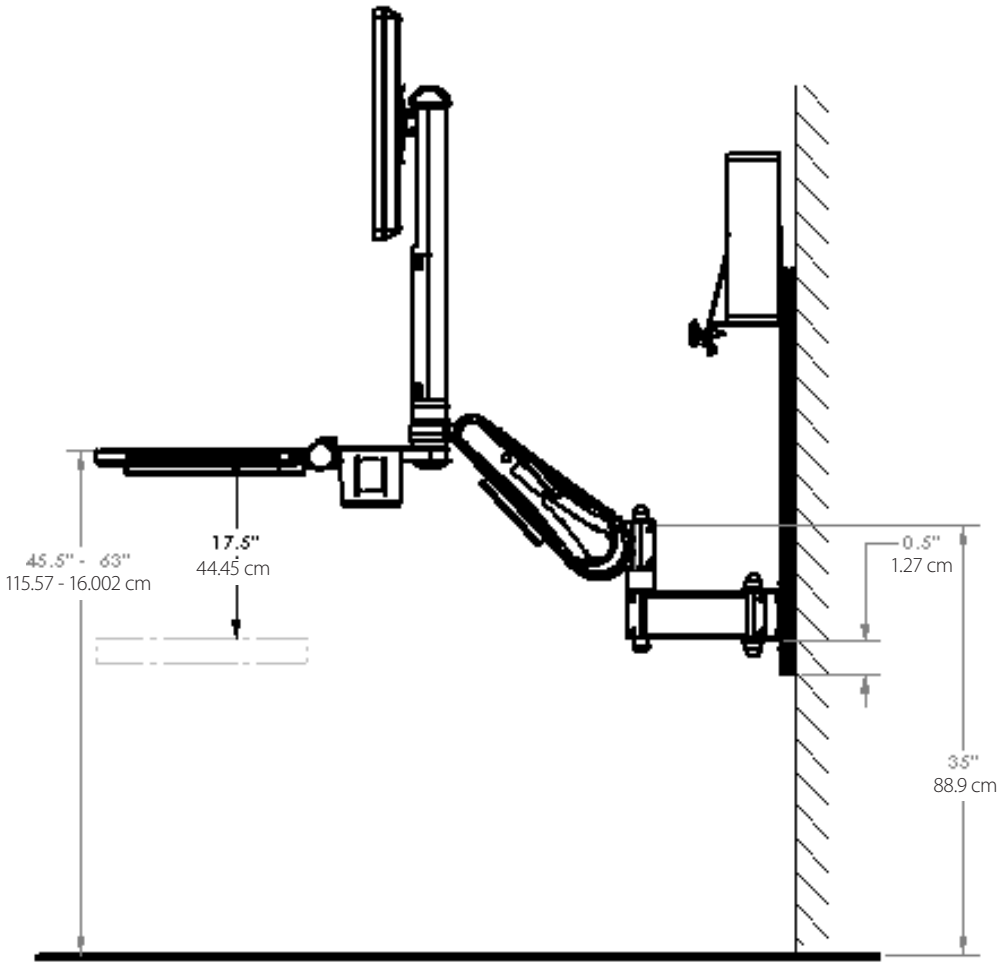


SECTION 2: Installation on Rail Systems

Recommended Installation Heights

NOTE: Drawing is not to scale

NOTE: CPU Mount should be mounted high enough so that when the FIT Station is at the highest position the monitor will not interfere with the CPU.



Mounting To The MRS (Monitor Rail System)
FIT Station

WARNING DO NOT attempt to mount/remove the FIT Station from the rail when loaded with any instrument

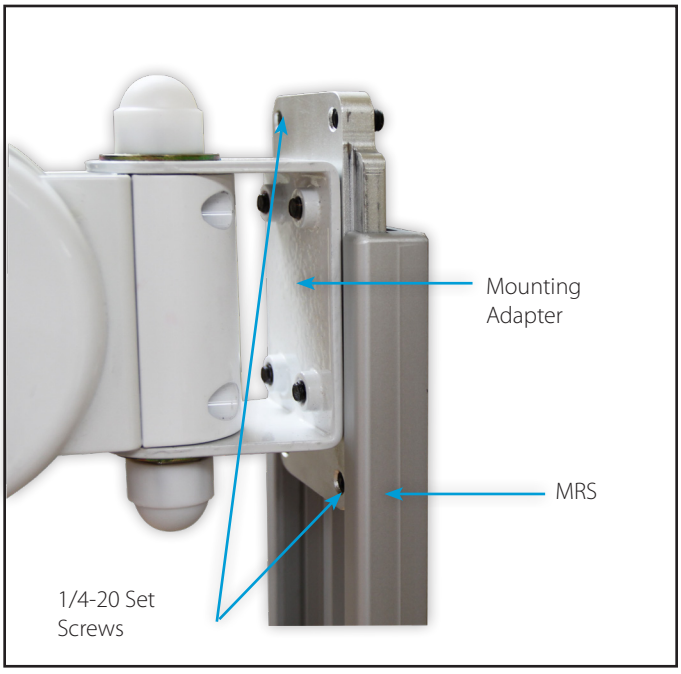
WARNING DO NOT mount the FIT Station anywhere near or above a Patient's head.

WARNING To prevent the Mounting Adapter from sliding down the MRS, ensure the four set screws are fastened to the tightest possible position, serious injuries could result if the set screws are not properly fastened. (Figure 1)

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

NOTE The top and bottom stopper are there to prevent the Mounting Adapter from sliding out of the MRS. The Mounting Adapter must be taken out from the top of the MRS with the top stopper pressed back into the MRS (Figure 2)

1. Install Height locking Lever (See Page 25)
2. Engage the Height Locking Lever with the AHM in the highest position.
3. Lift up the FIT Station and guide the Mounting Adapter into the top of the MRS Rail (Figure 1).
4. Once the arm is positioned at the desired height in the MRS, tighten all four set screws to the tightest possible position on the Mounting Adapter using a 1/8" HEX key.



(Figure 1)

(Figure 2)

SECTION 2: Installation on Rail Systems

CPU Mount

WARNING Ensure CPU is within weight and size rating of the CPU mount. If not, please contact Amico Accessories at (1-877-264-2697)

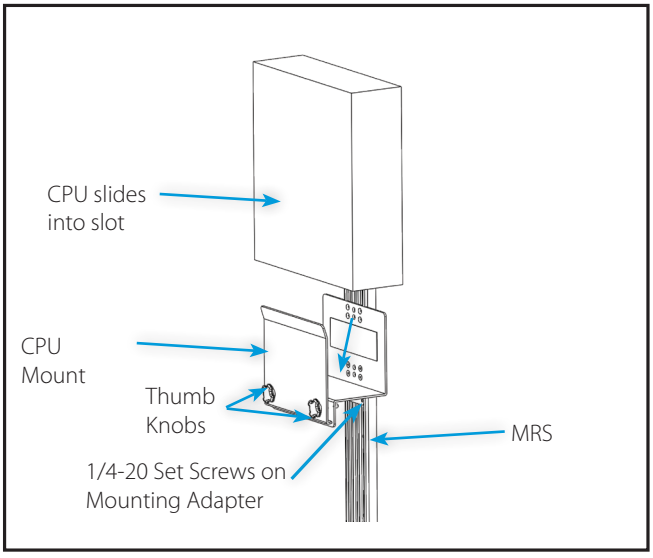
WARNING The CPU mount can be mounted anywhere at any height on the rail. However, DO NOT mount anywhere above a patient's head.

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

1. Determine a suitable location on the MRS for the CPU to make sure it isn't above a patient's head.

2. Lower the CPU mount down the MRS to the desired height. Tighten the two set screws in the Mounting Adapter to the tightest possible position using a 1/8" HEX key. (Figure 1)

3. Mount the CPU and secure it by tightening the two thumb knobs.



(Figure 1)

OSHPD Anchor Pre-Approval OPA-1743

In compliance with standards established for the anchor and installation of instrument support systems by the California Office of Statewide Health Planning and Development (OSHPD), Amico Accessories Inc. has obtained pre-approval for MRS 19" (48.26cm) Wall Channels or longer with extension Arm. For proper installation requirements please refer to our OPA Document.

Mounting To The VRS(Vertical Rail System) / Ohmeda Rail
FIT Station

WARNING All V-adapters must be sitting in the VRS securely. If not, serious injury could result.

WARNING To prevent the V-adapter from falling down the VRS, ensure that the screws are fastened to the tightest possible position. After the installation, rotate the AHM arm side to side to verify that no movement is present between the adapters and the VRS.

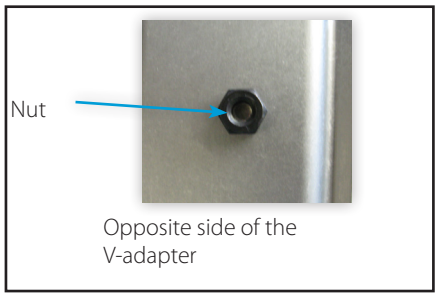
WARNING Ensure rail is stable and properly installed before mounting FIT Station.

WARNING The Mounting Adapter for Ohmeda rails differ from the Mounting Adapter for VRS, the Adapters are not cross-compatible.

NOTE: When the screw is turned clockwise, it causes the side of the V-adapter to slide inward, locking the V-adapter (Figure 2). When the screw is turned counter-clockwise, it causes the side of the V-adapter to slide outward, unlocking the V-adapter. (Figure 3)

Ensure the V-Adapter is in the UNLOCKED position, and ensure the AHM is LOCKED in the highest vertical position.
NOTE: See Page 25 for instructions on locking and unlocking the AHM

1. Angle the AHM from the left of the channel and guide the adapters into the groove of the channel. (Figure 4 and 5)
2. Tighten screw with a 3/16" HEX key when V-adapter is at the desired height. When tightened, the screw will protrude from the other side. Fasten the nut to the screw to secure the V-adapter. If the nut cannot be installed, the adapter is not properly engaged. Check that all nuts and screws are tightened to ensure the V-Adapter is locked. (Figure 6)



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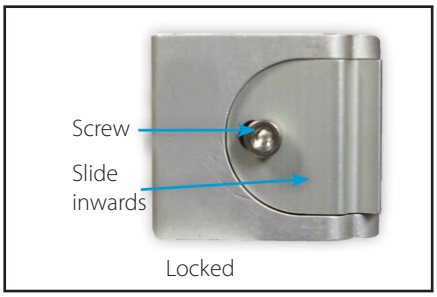

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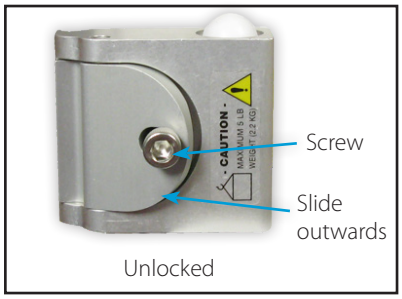

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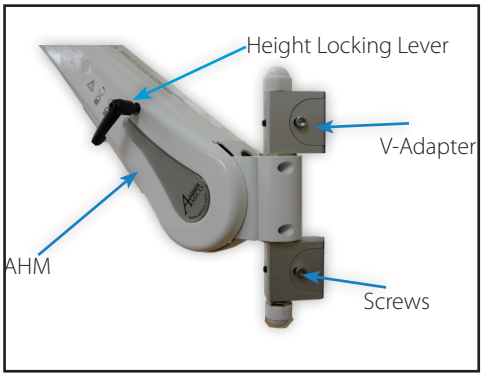

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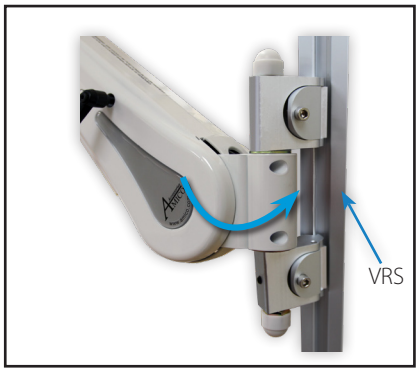


(Figure 5)

(Figure 6)

SECTION 2: Installation on Rail Systems

CPU Mount

WARNING Ensure CPU is within weight and size rating of the CPU mount. If not, please contact Amico Accessories at (1-877-264-2697)

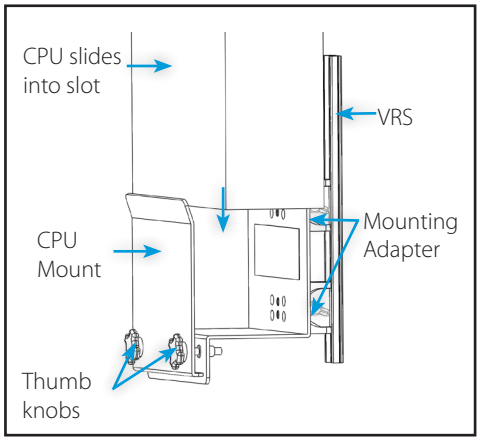
WARNING The CPU mount can be mounted anywhere at any height on the rail. However, DO NOT mount anywhere above a patient's head.

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

1. Determine a suitable location on the VRS for the CPU, making sure it isn't above a patient's head. Also ensure your CPU mount is compatible with your CPU's weight and size rating. If not, please contact Amico Accessories. (1-877-264-2697)

2. Mount the CPU mount to the VRS (refer to mounting of AHM arm to the VRS channel for instructions on how to install Mounting Adapter to the VRS. (Refer to Page 9 for installation)(Figure 1)

NOTE: Mounting Adapter for CPU mount has a knob instead of a screw, and there is no nut to be tightened on the other side.



(Figure 1)

SECTION 2: Installation on Rail Systems

Mounting To The ARS (Amico Rail System)
FIT Station

WARNING DO NOT attempt to mount/remove the FIT Station from the rail when loaded with any instrument

WARNING DO NOT mount system anywhere near or above a Patient's head.

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 sitting properly inside the rail before mounting devices.

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

Mounting On A Headwall

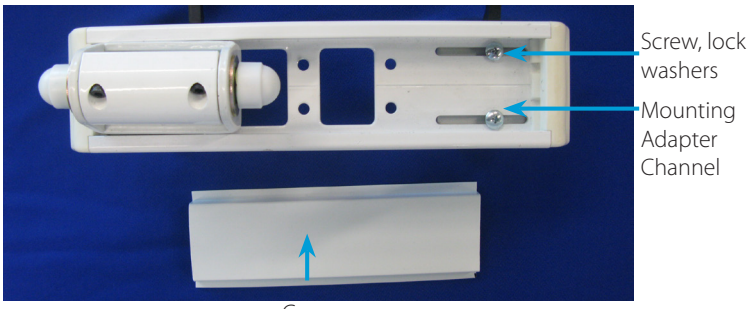
1. Determine the best location to install the FIT Station. Pop out the cover from the Mounting Adapter Channel to access the two screws connecting the channel to the Mounting adapter. Remove the two screws and the lock washers behind them to free one of the Mounting Adapters (Figure 1). Install it into the bottom rail by angling the upper lip into the inside lip of the ARS, pull the lever back against the Mounting Adapter and push the adapter into the rail. Once secure, release the lever (Figure 2).

2. Mount the FIT Station by installing the remaining Mounting Adapter into the top ARS the same way as step 1, ensuring the two holes on the bottom Mounting Adapter can be seen through the Mounting Adapter Channel, secure the Channel to the bottom Mounting Adapter using the screws and lock washers you removed in step 1. (Figure 3)

Mounting On A Single ARS

1. Install the FIT Station by installing the Mounting Adapter attached to the Mounting Adapter Channel to the ARS as shown in step 1. Once it is secure, release the lever, ensure the support block is sitting flush and firmly against the wall. (Figure 4).

2. Install the Locking bar by placing it on top of the Mounting adapter so it is squeezed by the adapter and ARS.



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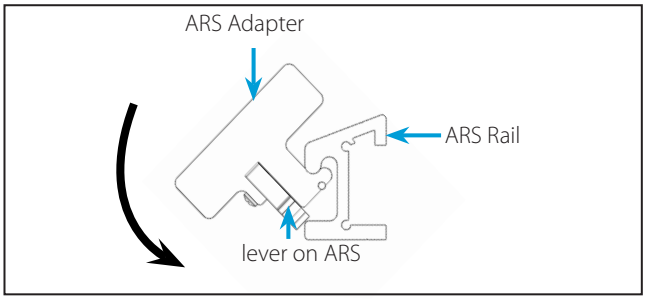

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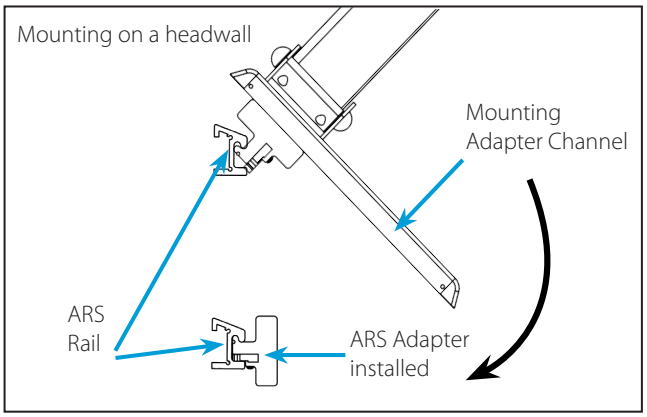

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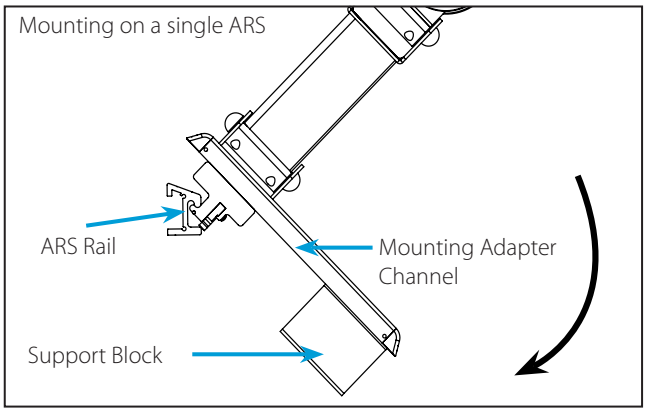


(Figure 4)

SECTION 2: Installation on Rail Systems

CPU Mount

WARNING Ensure CPU is within weight and size rating of the CPU mount. If not, please contact Amico Accessories at (1-877-264-2697)

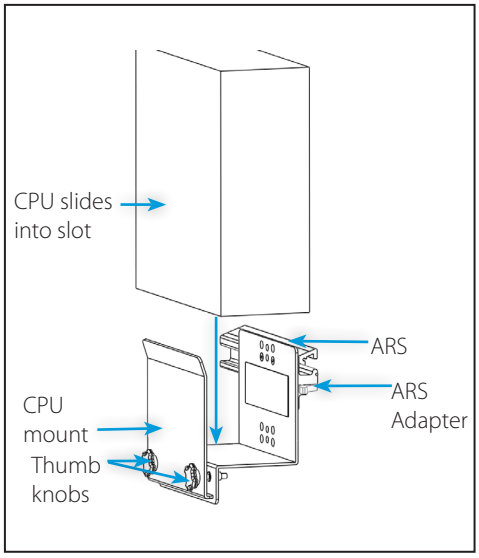
WARNING After the Mounting Adapters are installed, ensure that the lever on the Mounting Adapters are pressed in as far as possible.

WARNING The CPU mount can be mounted anywhere at any height on the rail. However, DO NOT mount anywhere above a patient's head.

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

1. Determine a suitable location on your ARS for the CPU mount, making sure it isn't above the patient's head.

2. Guide the CPU mount into the ARS rail, pull the lever back against the Mounting Adapter and push the CPU mount into the channel. Release the lever when you reach the desired location. (Figure 2)



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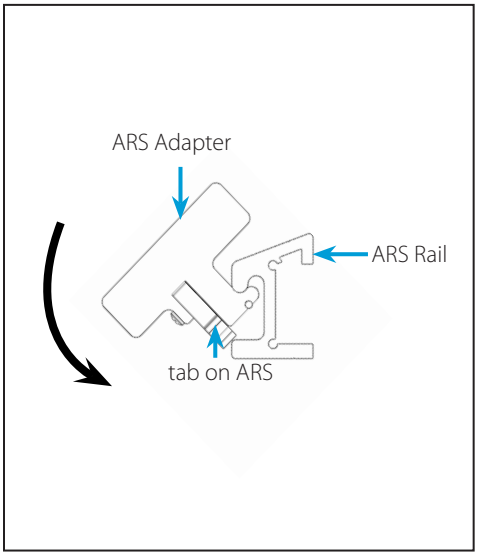


(Figure 2)

Mounting To The Hill-Rom Vertical Rail
FIT Station

WARNING To prevent the Mounting Adapter from falling down the channel, ensure that the nuts are secured to the tightest possible position. After installation, rotate the AHM arm side to side and verify no movement is present between the adapter and the rail.

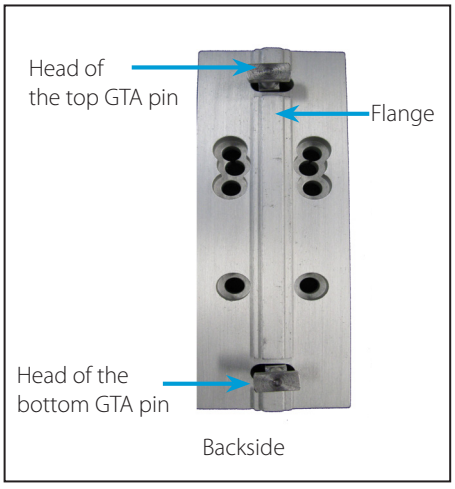
WARNING Removal of lock nuts will require a new set for reinstallation. Please contact Amico Accessories for spare parts, 1-877-264-2697

WARNING Ensure Headwall contains rails compatible with Mounting Adapters.

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

1. With the AHM arm locked in the highest vertical position, support the bottom of the arm and guide the head of the top GTA pin into the opening of the rail (Figure 1). Ensure the flange on the Mounting Adapter is properly aligned with the rail. Slide the Mounting Adapter up so that the head of the bottom GTA pin slides into the opening of the rail.

2. Position the arm to the desired height. Tighten the jam nuts and then the lock nuts on the top and bottom of the adapter using a 1/2" (3.81cm) wrench (Figure 2). Cover the nuts with the plastic caps provided. (Figure 2)



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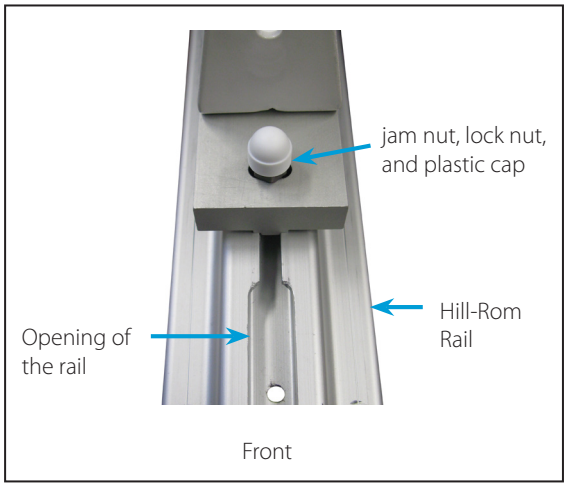


(Figure 2)

SECTION 2: Installation on Rail Systems

CPU Mount

WARNING Ensure CPU is within weight and size rating of the CPU mount. If not, please contact Amico Accessories at (1-877-264-2697).

WARNING Removal of lock nuts will require a new set for reinstallation. Please contact Amico Accessories for spare parts at (1-877-264-2697)

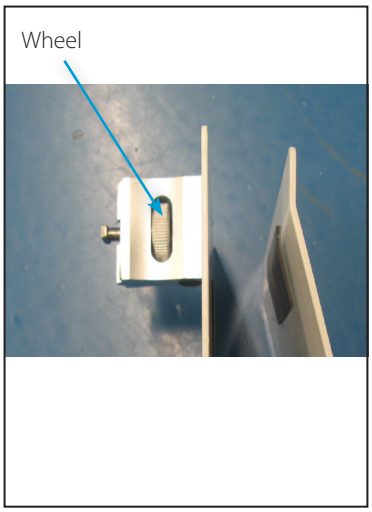
WARNING The CPU mount can be mounted anywhere at any height on the rail. However, DO NOT mount anywhere above a patient's head.

WARNING Ensure rail is stable and properly installed before mounting FIT Station.

1. Determine a suitable location on your Hill-Rom rail for the CPU mount, making sure it isn't above the patient's head.

2. Loosen the Heads of the Mounting Adapters by turning the wheels (Figure 1). Guide the head of the top GTA pin on the upper Mounting Adapter into the opening of the rail. Ensure the flange on the GTA is properly aligned with the rail. Slide the GTA up so that the head of the bottom GTA pin slides into the opening of the rail (Figure 2).

3. Position the CPU Mount to the desired height. Tighten the heads by turning the wheel in the opposition direction from before. (Figure 3).



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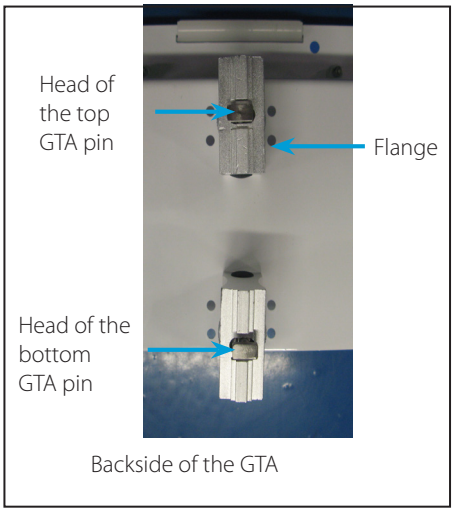

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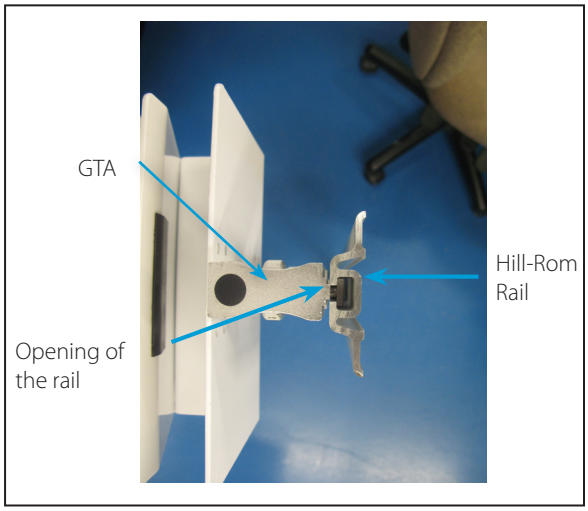


(Figure 3)

SECTION 3: Device Installation

Monitor Mounting: VESA 75/100

WARNING Ensure that the AHM is in the highest vertical position and locked before mounting or removing devices from the FIT Station.

NOTE See page 25 for instructions on locking and unlocking the AHM

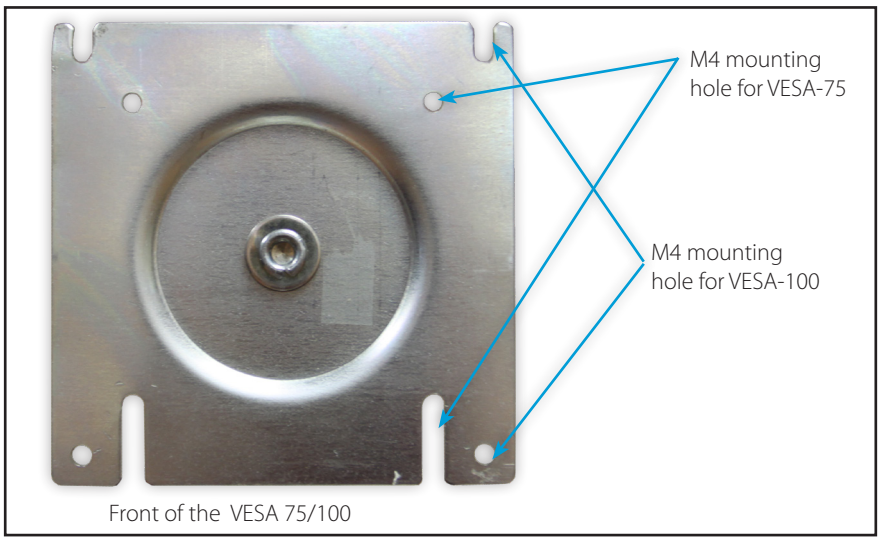
NOTE 4 x M4 screws are provided for mounting the monitor to the VESA Head, different screws may be needed if the provided screws are not the right size, standoffs may be needed depending on the hole pattern on the monitor.

1. Determine the monitor mounting configuration. VESA 75 (75 mm x 75 mm M4 thread) or VESA 100 (100 mm x 100 mm M4 threads).

2. VESA 100 configuration: Partiall 2screws are partially threaded into the top 2 holes in the back of the monitor. The monitor can then be hung up on the VESA Head through the two slots at the top. Insert 2 more screws through the VESA-100 mounting holes at the bottom and tighten all screws (Figure 1).

3. VESA-75 configuration: Rotate the VESA Head so the 2 slots for the VESA-75 configuration are located at the top. Partially thread two screws into the top 2 holes in the back of the monitor. The monitor can then be hung up on the VESA Head through the two slots at the top. Insert 2 more screws through the VESA-100 mounting holes at the bottom and tighten all screws.

4. When removing the Monitor, the monitor arm and the monitor should be placed at the highest position (Figure 2). Remove the 2 bottom screws from the VESA plate, loosen the top 2 screws, and lift the monitor off the VESA plate.



(Figure 1)

(Figure 2)

SECTION 3: Device Installation

Mouse/Scanner Holder Installation

WARNING Do not rest excessive weight on keyboard tray. It is rated for up to 15 lbs (7 kg) max.

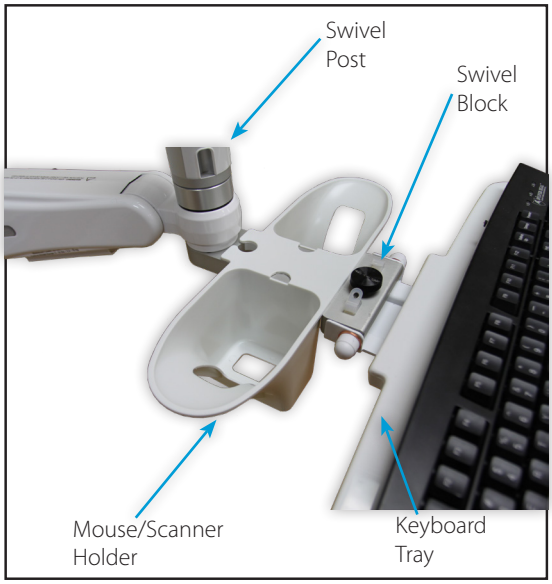
WARNING Ensure that the AHM is in the highest vertical position and locked before mounting or removing devices from the FIT.

NOTE: See Page 25 for instructions on locking and unlocking the AHM

The Keyboard tray comes with a mouse/scanner holder. The keyboard tray contains a sliding mouse tray as well as mousepads. Amico Accessories also provides wrist rests and other accessories, however those must be purchased separately. The Keyboard Tray can rotate side to side and can be folded up. It is recommended to keep keyboard accessories & other accessories in the mouse/scanner holder.

NOTE: The mouse/scanner holder is a plastic basket. It is placed in between the swivel post and the keyboard tray for easy access. (Figure 1)

1. Place the mouse/scanner holder on the block between the swivel post and the keyboard tray, the holder should snap onto the sides of the block as well as into the keyhole in the center (Figure 1).



(Figure 1)

SECTION 3: Device Installation

Keyboard and Mouse Mounting

1. Place keyboard onto the keyboard tray, place the mouse into the mouse holder, ensure the end with the cable faces up. Follow cable management procedures to route the cables through the FIT on page 19/22.

   NOTE: To secure the keyboard to a magnetic keyboard tray, place the magnetic keyboard onto the part of the tray with metallic inserts.

2. To secure the keyboard to a regular keyboard tray or as an additional securing method for the magnetic keyboard, use the dual locking coins provided.
   a. Take the strip of dual locking coins (Figure 1) provided, remove backing and place 6 on the keyboard, spaced evenly (Figure 2).
   b. Take the remaining 6, remove backing and place them onto the 6 already attached to the keyboard (Figure 3).
   c. Place it on the keyboard tray and press down hard while supporting the bottom of the keyboard tray, the keyboard can now be attached and detached from the keyboard tray (Figure 4).

3. Place any other accessories into their respective holders/areas and route cables according to the procedures provided in the cable management section on page 19/22.

(Figure 1)

(Figure 3)

(Figure 2)

(Figure 4)

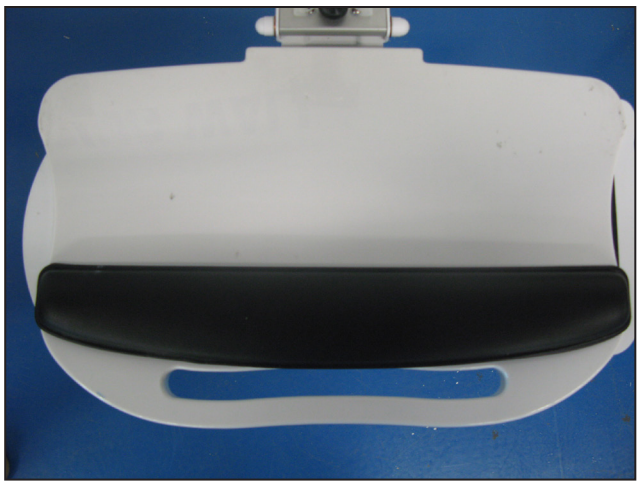
SECTION 3: Device Installation

Wrist Rest Mounting

NOTE: Wrist rest is available but not provided with the FIT Station by default.

1. To secure the wrist rest to a keyboard tray, use the dual locking coins provided. Follow the instructions on the previous page to attach the twelve (12) dual locking coins to the wrist rest.

2. Position the wrist rest on the keyboard tray behind the handle (Figure 1), follow the step 3 on the previous page to install the wrist rest onto the keyboard tray using the dual-lockig coins.

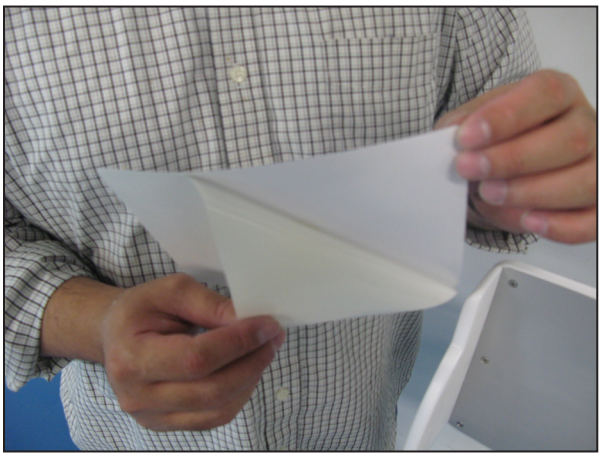


(Figure 1)

Mousepad Mounting

1. Take a mousepad, peel off the adhesive release (Figure 2).

2. Choose a side of the keyboard tray to use as a mousing surface. Pull out the mousetray from that side and attach the mousepad to it by sliding it into the side of the keyboard until the inside edge of the mousepad disappears, and the entire mousepad is resting on the mouse tray, then press it onto the mousetray (Figure 3).



(Figure 2)

(Figure 3)

SECTION 3: Device Installation

Cable Management For Independently Mounted CPU Keyboard Tray Cable Management

(Figure 1)

WARNING Do not bunch cables together on one tie. It may destroy the cable clips. Keep your cables in separate cable clips. Two cable clips are provided for use.

NOTE: Ensure keyboard and mouse are both properly positioned as per the manual before beginning cable management procedures.

1. Take the mouse and keyboard cables, simply push the cable gently into the guide-clip until it sits inside it's receptacle. (Figure 1) OR, remove the screw of the cable guide using a philips head screwdriver, through both holes on the cable guide. Push the Keyboard tray cable guide into the cable, and then re-align and re-attach the screw with a Philips screw driver.

2. Ensure the cable can still be moved forward and backwards in the guide.

Swivel Post Cable Management

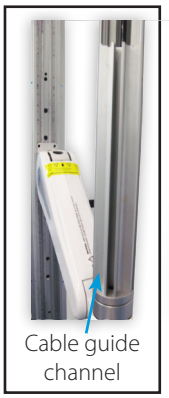
WARNING Do not bunch cables together on one cable guide-channel. Use separate channel for each cable

1. There are 2 FIT cable guide-channels in the Swivel post, which is covered by the Swivel Post Cable Cover.

2. Pop outthe Swivel Post Cable Cover, your monitor cables and place the cable gently into the guide-channels (Figure 1, 2).

3. Push-fit the Swivel Post Cable Cover, so that the cables pass through the Bottom 2-holes and come out from the top 2 holes (Figure 3).

4. Ensure the cables can still be moved up and down through the guide-channels.



(Figure 1)

(Figure 2)

(Figure 3)

SECTION 3: Device Installation

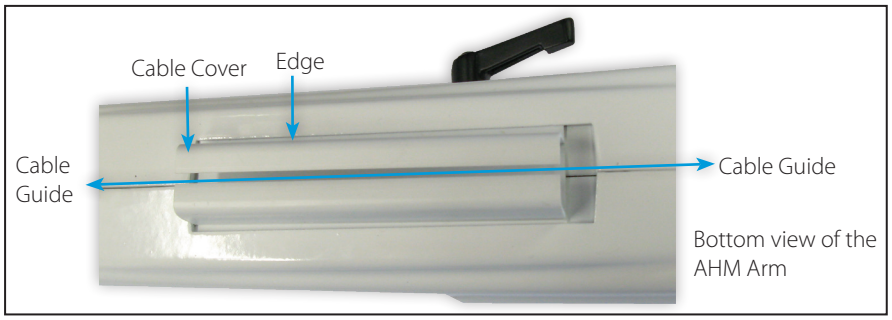
AHM Arm Cable Management

NOTE: FIT cable guide is provided to facilitate routing of cables along the bottom of the arm.

NOTE: Longer cable guides are provided for arms with extensions. Guides also snap into grooves on the bottom of extension arms.

1. Ensure devices are mounted, ensure keyboard tray and swivel post cable management is complete. Take the cables coming out of the keyboard tray and swivel post and press them between the openings of the cable cover (Figure 1).

2. Ensure that there are at least 2" (5.08cm) of slack hanging free at the front end of the AHM Arm.



(Figure 1)

(Figure 2)

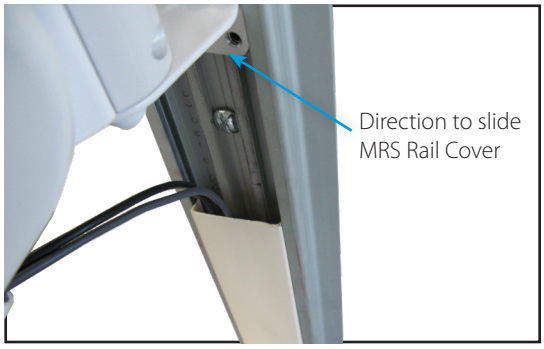
MRS Rail Cable Management

NOTE: A MRS cable guide is available to facilitate routing of cables along the Rails and is not provided by default with the FIT Station.

1. Depending on where your CPU is mounted, guide the cables from the FIT station going to the CPU into the side of the channel leading to your CPU. (Figure 1)

2. Depending on where your electrical outlets are, guide the power cables from the FIT station into the side of the channel leading to your electrical outlets. (Figure 1)

3. Guide the MRS rail cable cover into the channel over the cable. Ensuring no cable is pinched between the rail and the cover. Safely trim off any excess MRS cover after installation.



(Figure 3)

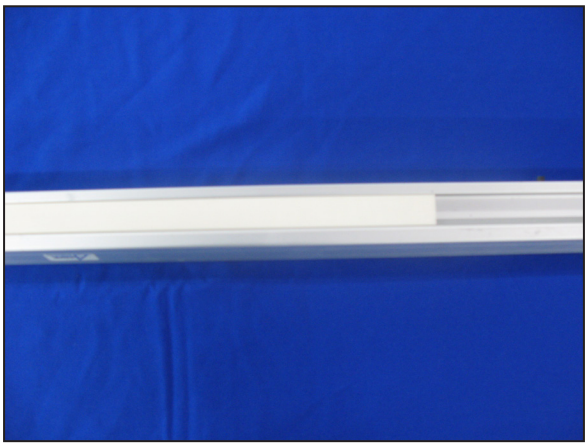
ARS Rail Cable Management

NOTE: An ARS cable guide is available to facilitate routing of cables along the Rails and is not provided by default with the FIT Station.

1. Depending on where your CPU is mounted, guide the cables from the FIT station into the side of the channel leading to your CPU. (Figure 1)

2. Depending on where your electrical outlets are, guide the power cables from the FIT station into the side of the channel leading to your electrical outlets. (Figure 1)

3. Guide the ARS rail cable cover into the channel over the cable. Ensuring no cable is pinched between the rail and the cover. Safely trim off any excess MRS cover after installation.



(Figure 1)

Cable Management For All In One/CPU Mounted At LCD

Keyboard Tray Cable Management

(Figure 1)

⚠ **WARNING** Do not bunch cables together on one tie. It may destroy the cable clips. Keep your cables in separate cable clips. Two cable clips are provided for use.

NOTE: Ensure keyboard and mouse are both properly positioned as per the manual before beginning cable management procedures.

1. Take the mouse and keyboard cables, simply push the cable gently into the guide-clip until it sits inside it's receptacle. (Figure 1) OR, remove the screw of the cable guide using a philips head screwdriver, through both holes on the cable guide. Push the Keyboard tray cable guide into the cable, and then re-align and re-attach the screw with a Philips screw driver.

2. Ensure the cable can still be moved forward and backwards in the guide.

Swivel Post Cable Management

⚠ **WARNING** Do not bunch cables together on one cable guide-channel. Use separate channel for each cable

1. There are 2 FIT cable guide-channels in the Swivel post, which is covered by the Swivel Post Cable Cover.

2. Pop out the Swivel Post Cable Cover, take your power cable for your All-in-one and place the cable gently into the guide-channels towards your AHM(Figure 1, 2). Take your cables from the keyboard tray and place the cables into the guide-channels toward your All-in-one.

3. Push-fit the Swivel Post Cable Cover, so that the cables pass through the Bottom 2-holes and come out from the top 2 holes (Figure 3). Plug the keyboard, mice, and any other accessories' cables into the All-in-one.

4. Ensure the cables can still be moved up and down through the guide-channels.

(Figure 1)

(Figure 2)

(Figure 3)

SECTION 3: Device Installation

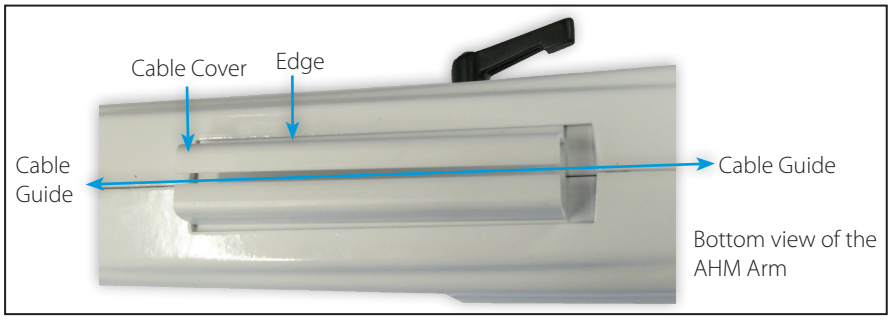
AHM Arm Cable Management

NOTE: FIT cable guide is provided to facilitate routing of cables along the bottom of the arm.

NOTE: Longer cable guides are provided for arms with extensions. Guides also snap into grooves on the bottom of extension arms.

1. After installation of All in one/CPU, take the power cables and press them between the openings of the cable cover (Figure 1).

2. Ensure that there are at least 2" (5.08cm) of slack cabling hanging free at the front end of the AHM.



(Figure 1)

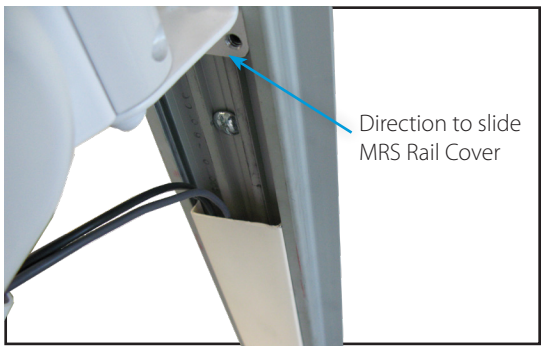
(Figure 2)

MRS Rail Cable Management

NOTE: A MRS cable guide is provided to facilitate routing of cables along the Rails.

1. Depending on where your electrical outlet is located, guide the cables from the FIT station into the side of the channel leading to the outlet. (Figure 1)

2. Guide the MRS rail cable cover into the channel over the cable. Ensuring no cable is pinched between the rail and the cover. Safely trim off any excess MRS cover after installation.



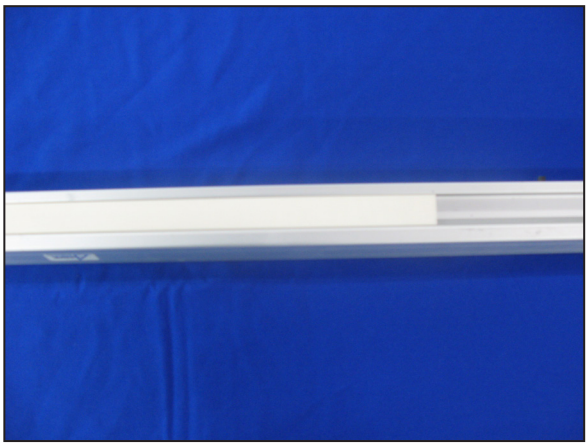
(Figure 3)

ARS Rail Cable Management

NOTE: An ARS cable guide is available to facilitate routing of cables along the Rails.

1. Depending on where your electrical outlet is mounted, guide the cables from the FIT station into the side of the channel leading to your outlet. (Figure 1)

2. Guide the ARS rail cable cover into the channel over the cable. Ensuring no cable is pinched between the rail and the cover. Safely trim off any excess MRS cover after installation.



(Figure 1)

SECTION 4: Adjustments

Height Locking Lever Adjustments: FIT Station

WARNING The height locking lever must be installed properly before mounting the AHM to the rail or mounting the monitor to the AHM.

WARNING Never attempt to move the arm vertically without loosening the lever. It will create excessive force on the AHM and may lead to premature failure.

NOTE: The height locking lever is designed to inhibit all vertical movement of the AHM when it is in use. Loosen the lever to adjust the AHM vertically, and tighten when finished to lock the AHM in place.

NOTE: Check to make sure the arm is locked in its highest position before mounting the arm into the channel

1. Insert the height locking lever into the mounting hole on the side of the arm **(Figure 1)**. Turn the lever clockwise to lock vertical movement, or turn the lever counterclockwise to release the vertical lock. **(Figure 2)**

(Figure 1)

(Figure 2)

Counterbalance: FIT Station

⚠ **WARNING** Do not over-rotate the counterbalance bolt. Once you feel a resistance, stop. Forcing the bolt will damage the internal of the AHM and void the warranty.

⚠ **WARNING** AHM back cover must be aligned with the counterbalance bolt and must be level.

NOTE: The height locking lever must be engaged while adjusting the counterbalance.

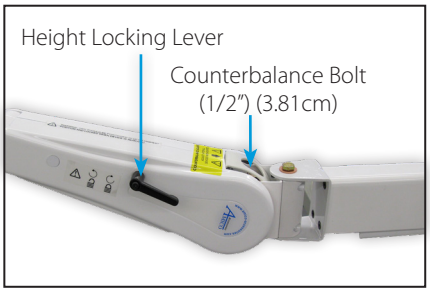
NOTE: Only adjust if necessary. The counterbalance controls the total weight that can be mounted onto the IT station and not the counterbalance at the VESA Head.

1. Once the monitor is securely installed, release the height locking lever and position the AHM arm to align the opening in the cover with the counterbalance bolt. Tighten the locking lever again to lock the AHM arm (see Figure 1).

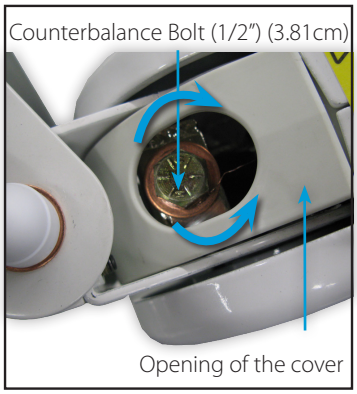
2. With the height locking lever disengaged, if the FIT station is drifting downwards, slowly loosen the counterbalance bolt, rotating counter-clockwise (Figure 2). If the FIT station is drifting upwards, slowly tighten the counterbalance bolt, rotating clockwise.

3. Release the locking lever. If the arm has been correctly balanced, the arm will not drop or lift and it will remain in the same position. Ensure the arm is balanced from the lowest to the highest position by checking in various positions. Tighten the height locking lever with the arm at the desired position, once determined.

4. If the arm is not balanced correctly, please go back to step 2 and repeat.



(Figure 1)



(Figure 2)

SECTION 4: Adjustments

Installing The Extension Arm:

NOTE: Extension arms are normally shipped assembled with the AHM. If the extension arm is not assembled, please follow the instructions below to attach the extension arm before mounting.

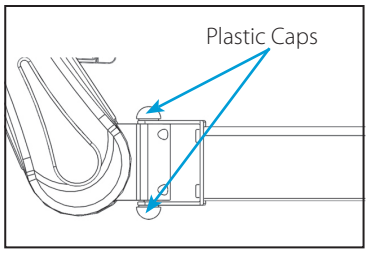
⚠ **WARNING** Remove all mounted devices before removing the FIT station from the rail.

⚠ **WARNING** Do not reuse the removed screws to attach AHM arm base, contact Amico Accessories at (1-877-264-2697). Use part number H-HSCSP-1032-58.

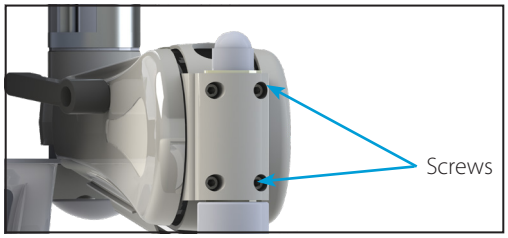
1. Remove the FIT station from the rail, see FIT station mounting section on page 7-14 for instructions or contact Amico Accessories at (1-877-264-2697)

2. Remove the 4 screws attached to the AHM arm base, and remove the installed extension arm/flush mount. Attach new extension arm to the AHM arm using 4 new screws in the same position (Figure 1).

3. Follow installation instructions to remount the FIT station onto the rail and for remounting of all devices.



(Figure 1)



(Figure 2)

SECTION 4: Adjustments

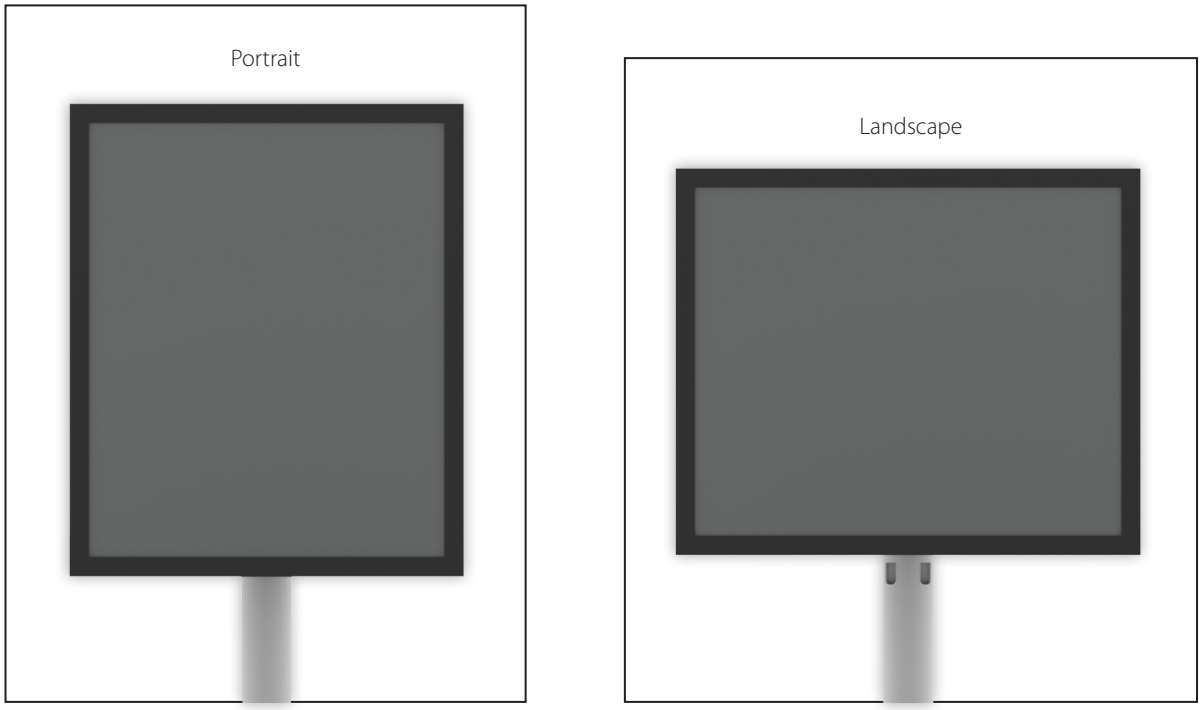
FIT Post

Portrait and Landscape Adjustment

WARNING Make the adjustments with the monitor securely mounted.

NOTE: To adjust the orientation, turn the monitor (Figure 1). Do not twist/tangle wires.

1. The Portrait and Landscape adjustment is done by holding the monitor and rotating 90 degrees.



(Figure 1)

SECTION 4: Adjustments

Monitor Tilt & Swivel

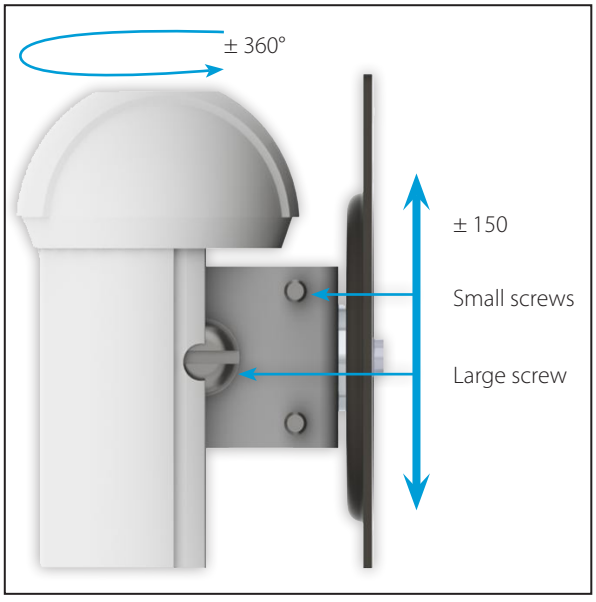
WARNING Be sure to support the monitor if adjusting the tilt angle with monitor mounted.

WARNING After monitor is installed, tighten large and small tilt adjustment screws to tightest position possible with the weight of the monitor attached. Alternate between tightening large screw and small screw untill appropriate tension is reached.

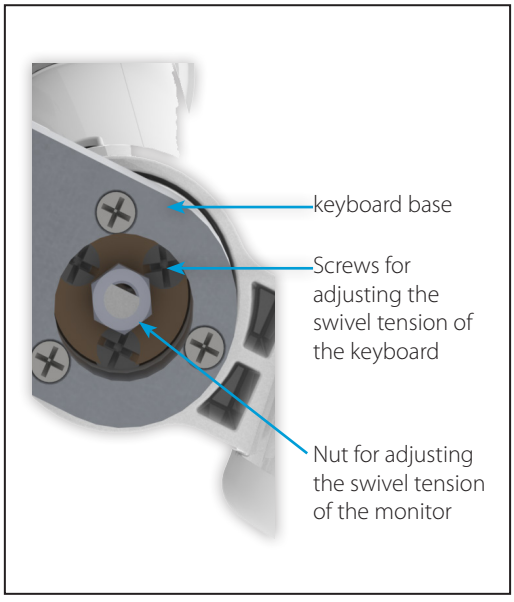
1. The monitor can swivel 360º (clockwise & counterclockwise/left & right) and also can tilt up & down by +/- 15º.

ADJUSTING TILT TENSION: Tighten or loosen the large screw on the mounting bracket and then tighten or loosen the two smaller screws to fine tune the tension (Figure 1).

ADJUSTING SWIVEL TENSION: Remove the cap from the keyboard base. To adjust the swivel tension of the monitor, slightly (1/4 turn) loosen/tighten the nut at the base of the keyboard tray. To adjust the swivel tension of the keyboard (when keyboard is rotated, the monitor will follow), slightly (1/4 turn) loosen/tighten the 3 Phillips head screws in the cavity, directly adjacent to the nut, at the base of the keyboard tray. (Figure 2)



(Figure 1)



(Figure 2)

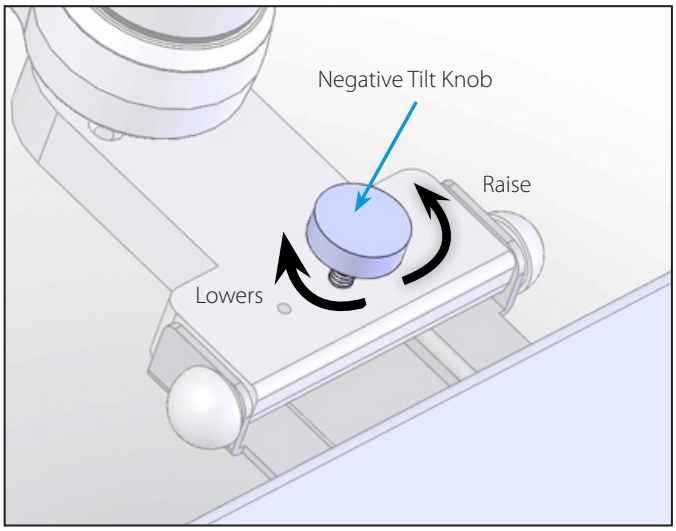
Negative Tilt Knob

NOTE: Negative Tilt knob is designed to tilt the BACK/REAR of the keyboard Tray down, and the FRONT of the keyboard upwards.

⚠ **WARNING Do not rest weight on keyboard tray while adjusting the negative tilt knob, doing so may deform keyboard arm.**

1. To raise the angle of the keyboard, tilt the keyboard upwards until desired angle is achieved by hand, then turn the Negative Tilt knob clockwise until the knob cannot turn anymore. (Figure 1)

2. To lower the angle of the keyboard, turn the negative tilt knob counterclockwise, the keyboard tray should began lowering on its own. Continue turning the knob until desired angle is achieved. (Figure 1)



(Figure 1)

SECTION 4: Adjustments

System

FIT Station Storage

WARNING Remove all un-fixed equipment from the top of the keyboard tray before folding the FIT station

WARNING Storing the FIT station with the height locking lever facing the wall may result in the lever hitting the wall. The lever may be removed before storage.

NOTE: FIT Stations can easily be folded to free up floor space when not in use.

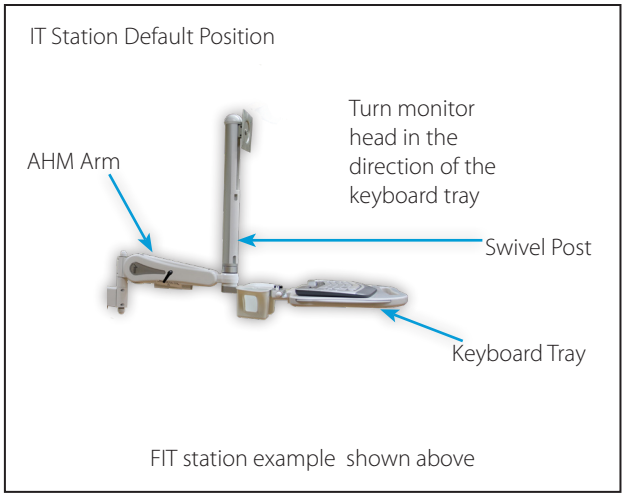
NOTE: The following folding procedure assumes the FIT Station is in the default arm position. (Figure 1) and applies to both arms with extension and without

1. Decide which side of the channel will be used to store the unit. Release the height locking lever on FIT stations and raise it to the highest vertical position.

   NOTE: If the monitor interferes with the folding of the keyboard tray, raise the monitor to the highest position.

2. Push the keyboard tray up and turn the keyboard tray away from the side of the channel that will be used to store the unit. (Figure 2)

3. Ensure monitor and the swivel post face the same direction as the folded keyboard tray. (Figure 2)



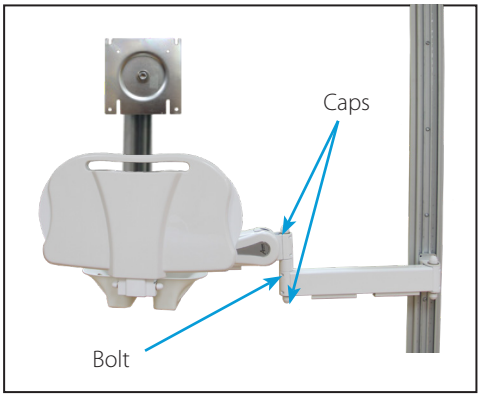
(Figure 1)

(Figure 2)

SECTION 4: Adjustments

4. Rotate the arm towards the desired side of the channel. (Figure 1)

5. For a folding extension, hold the extension arm against the wall, and then pivot the AHM back towards the channel until it rotates another 180 degrees. (Figure 2)



(Figure 1)

(Figure 2)

6. Rotational tension can be adjusted by tightening/loosening the bolts located at the joints of AHM/extension arms. Remove the caps to access the bolt before adjusting (Figure 1).

SECTION 4: Adjustments

Rotation

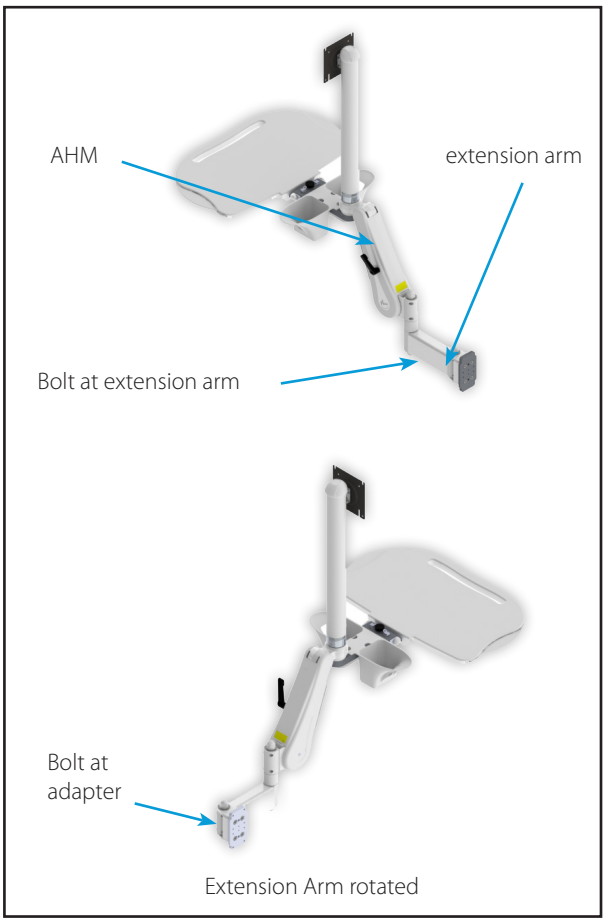
WARNING For FIT Station with extension arms, both arms have a 180 degree rotation. Ensure proper clearance around the arm(s) to avoid collision.

NOTE: If the arm becomes difficult to rotate, or too loose, please contact Amico Accessories: 1-877-264-2697

NOTE: Adjusting the rotational tension of the extension arms can be done by loosening or tightening the bolt at the joints of the arms and the adapter (Figure 1) using a 3/4" socket wrench or equivalent tool. Be careful not to overloosen.

Single Arm Rotation: To rotate the AHM, simply push on the side of the AHM in the direction desired.

Extension Arm Rotation: To rotate the extension arm (near wall), push on the side of the extension arm, near the mid-way point (Figure 1). To rotate the AHM, hold the extension arm with one hand and push on the side of the AHM with the mounted monitor (Figure 2).



(Figure 1)

(Figure 2)

SECTION 4: Adjustments

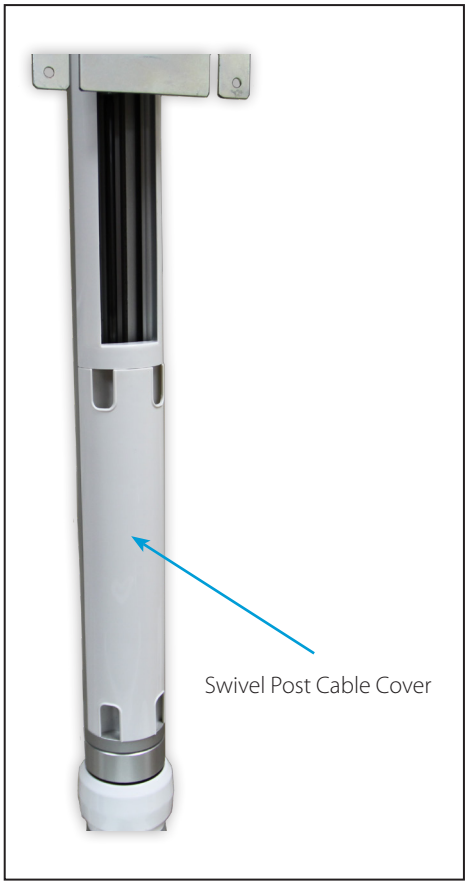
Swivel Post

1. The Swivel-post allows for vertical movement of the monitor independent of the keyboard tray and also allows for rotation of the monitor.

2. To rotate the keyboard tray with the monitor simply rotate the keyboard tray and the monitor will rotate along with it.

3. To rotate the monitor independently of the keyboard tray, hold the keyboard tray in place and rotate the monitor.

(Figure 1)



(Figure 2)

SECTION 4: Adjustments

Spring Adjustment

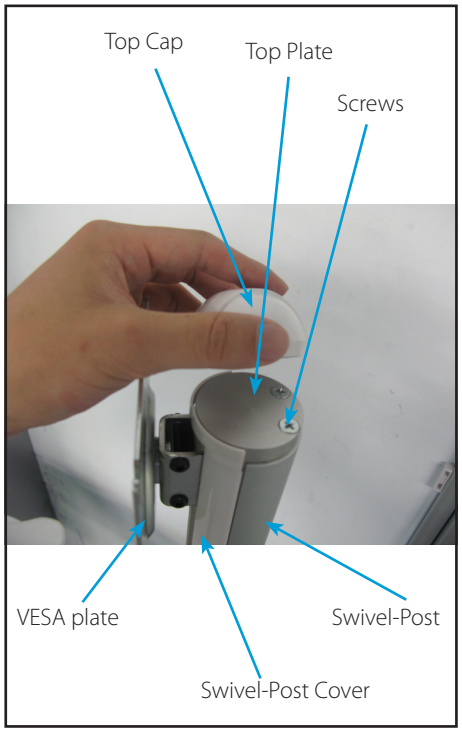
WARNING Swivel-Post interior contains sharp edges, wear protective equiment when performing the tasks below.

1. The spring in the Swivel-Post can be replaced if the monitor weight changes in order to maintain the appropriate counterbalancing.

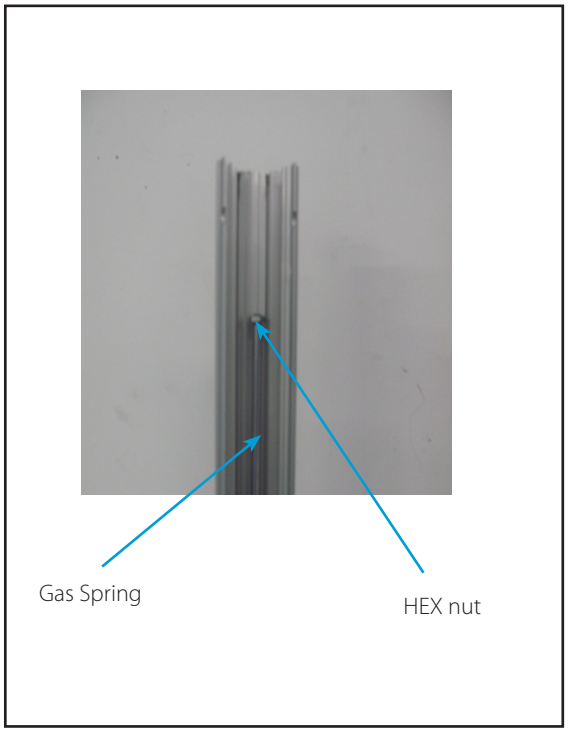
2. Remove the cap on top of the Swivel-Post to reveal the two screws. Use a philips head screwdriver (#2) to remove the two screws (Figure 1). Also remove the Swivel-Post cover.

3. Remove the top plate and slide out the VESA Head to reveal the gas spring underneath. Replace the gas spring with the new gas spring, ensure that there is a HEX nut on the thin side of the replacement spring and the nut is facing up (Figure 2).

4. Replace the VESA Head, re-attach the top plate with the screws and replace the cap and the swivel post cover.



(Figure 1)



(Figure 2)

SECTION 5: Troubleshooting, Maintenance, Product Classification

Troubleshooting

Symptom	Possible cause	Solution
- Too easy or too difficult to tilt the monitor up and down	- Excessively loosened or tightened hardware. - Weight of the monitor is not compatible with the arm	Please see "MONITOR TILT" section of the manual (See Pg 29) or use an arm with a compatible weight rating
- Too easy or too difficult to utilize the portrait landscape feature	- Damaged hardware.	Please contact Amico Accessories.
- Too easy or too difficult to rotate the monitor at the head left and right	- Excessively loosened or tightened hardware. - Damaged hardware.	Please see "ROTATION (Monitor Head)" section of the manual (See Pg 29)
- The entire IT station is rocking slightly when in use.	- Loosened/ damaged hardware	Perform preventive maintenance. Check all screws are secured, or please contact Amico Accessories.
- The monitor head is not secure, it is wobbling or loose when using the portrait landscape adjustment	- Damaged head	Monitor head needs to be replaced. Please contact Amico Accessories.
- AHM arm moves up and down with difficulty, DO NOT FORCE	- Height locking lever is not released	Loosen the height locking lever (See Pg 25)
- Popping sound when moving the AHM arm up and down	- Damaged gas bracket	Please contact Amico Accessories
- Length of the extension arm is at an angle - Extension arm is not secure or it is rocking slightly	- Damaged extension arm - Weight of the monitor exceeds the load rating	Please contact Amico Accessories
- AHM arm lifts up too rapidly w/o the monitor. - AHM arm is too difficult to maneuver w/ the monitor. - AHM arm falls to the lowest position on its own w/ monitor.	- Counterbalance is not adjusted properly for devices - Height locking lever is not tightened properly	Tighten Height Locking Lever (See Pg 25) Please see "counterbalance" section of the manual(See pg 26)
- Oil is leaking from the gas spring, light yellow in colour	- Damaged gas spring	Gas spring needs to be replaced. Please contact Amico Accessories.
- Irregular swiveling or rotation of keyboard - Swivel post rotation is difficult	- Excessively loosened or tightened hardware. - Damaged hardware.	Please contact Amico Accessories
- Excessive Gapping or angling at joints of arm	- Damaged Hardware - Equipment is too heavy - Physical Damage	Check device mounted for weight compatibility. If problem persists contact Amico Accessories
- Keyboard tray does not go up and/or cannot stay up.	- Loosened/ damaged hardware	Check for damage at the hinge of the keyboard tray, or contact Amico Accessories.
- IT station slides down to the bottom of the channel unprovoked.	- Damaged Rail - Damaged Adapter	Ensure all set screws securing the adapter to the rail are tight. Check rail and adapter for damage, and replace as necessary.
- Squeaks when rotating parts of the IT station	- Lack of Grease	Add clear grease to working joints
- Monitor drifts down/AHM drifts down	- Damaged or incorrect Gas spring in AHM/ Swivel post	Please contact Amico Accessories

If the above solutions do not solve your symptoms or you are in need of parts/hardware, please contact Amico Accessories, 1-877-264-2697

SECTION 5: Troubleshooting, Maintenance, Product Classification

Preventive Maintenance (FIT Station)

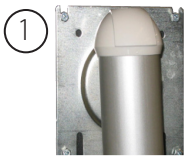
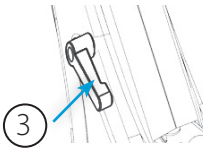
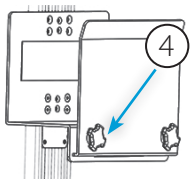
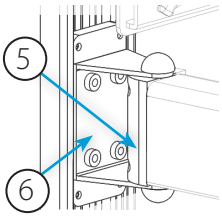
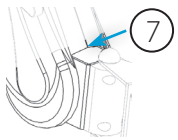
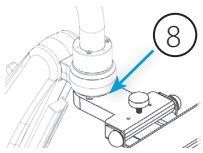
⚠ **WARNING:** FIT stations require periodic inspection and maintenance to perform optimally and achieve maximum operation life.

⚠ **WARNING**: The intervals shown on the next page are recommended. Maintenance schedules should be more frequent for higher use areas.

Please be sure to thoroughly check the areas illustrated below for FIT stations:

If the above solutions do not solve your symptoms or you are in need of parts/hardware, please contact Amico Accessories, 1-877-264-2697

SECTION 5: Troubleshooting, Maintenance, Product Classification

Area	Maintenance	Period (Month)
	***Area 1: VESA Adapter*** A) Check if the adapter plate and the monitor are securely attached. VESA 75/100 (FIT) - Ensure the four screws on the mounting plate(s) are fastened to the tightest possible position. B) Visually inspect for any signs of grinding and gapping.	4 1
	Area 2: Swivel Post A) Inspect the bolt, washers and contacting surfaces for grinding and wearing. Ensure the bolt is tightened to the tightest position. B) Check for any signs of gapping between the bushing and the head. Also ensure the head of the AHM is level and is secure. C) Inspect the bolt, washers and contacting surfaces for grinding and wearing. D) Inspect rivet.	1 4 4 4
	***Area 3: Height Adjustment Lever*** A) Ensure the adjustment lever is tight and secure. Also inspect visually for any signs of impact or wear on the outside surface of the AHM arm. B) Support the AHM and unlock the height adjustment lever then inspect counter balance to ensure device weight is still supported throughout range of motion (refer to Section 4: Adjustments, Counterbalance: FIT Station page 27).	1 1
	***Area 4: CPU Mount*** A) Ensure the two set screws on the channel and two thumb screws are fastened to the tightest possible Position.	1
	***Area 5: Swivel Block At Adapter*** A) Ensure all the screws are fastened to the tightest possible position. Inspect for any signs of grinding, bending and gapping and ensure the AHM arm is tightly attached to the swivel block.	4
	Area 6: Rail Bracket (MON Adapter shown) B) Inspect visually for any gapping between the bracket and the adapter. Ensure the bracket is tightly attached to the adapter. • MRS - Ensure the screws are fastened to the tightest possible position (shown in image) • VRS - Ensure the screw knobs are fastened to the tightest possible position and nuts on the opposite side are secure. (See Page 9)	4
	***Area 7: AHM Internals*** A) Visually inspect for any grinding or gapping of the contacting surfaces. Check for any fluid leakage from the gas spring.	1
	***Area 8: Keyboard Swivel Block*** A) Visually inspect for any gapping between the keyboard swivel block and the AHM head. Also check for any signs of grinding on the surfaces contacting the screw and the nut.	1

SECTION 5: Troubleshooting, Maintenance, Product Classification

AHM-FIT ___ - ___ ___ ___ - ___ ___ - ___

Color

W
White

X
Custom

Keyboard Tray

F
Falcon

M
Mini

X
Custom

D
Secondary Surface

Additional Extension Length

0
No Extension

7
6" (15.24cm) Extension

3
9" (22.86cm) Extension

1
12" (30.48cm) Extension

5
16" (40.64cm) Extension

Spring Strength

25
5.5-8 lbs (2.5-3.6 kg) Monitors

35
7.5-10 lbs (3.4-4.5 kg) Monitors

50
13-15.5 lbs (5.8-7 kg) Monitors

60**
15.5-18 lbs (5.8-7 kg) Monitors

XX
Custom
(For Monitors > 18 lbs (7-8.1 kg) or Fixed Height)

Extension Type

F
Folding

R
Reverse Folding

5
N/A (No Extension)

Track Adapter

M
Monitor Channel

AB
*Amico Horizontal
Direct Mount - Bottom

AT
*Amico Horizontal
Direct Mount - Top

V
*Amico Vertical
Direct Mount

G
*Hill-Rom Vertical
Direct Mount

D
Datex/Ohmeda,
Dovetail
Direct Mount

* Direct mount options not available with extensions.

NOTE: All dimensions are not exact.

** Use MON-LCD-HANDLE for displays between 10-13lbs (25.4-33.02cm)

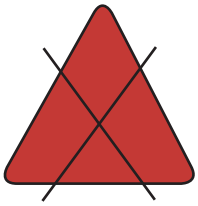
SECTION 5: Troubleshooting, Maintenance, Product Classification

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 arm. Apply onto a soft cloth and wipe clean to prevent chemicals getting into the internal components of the arm.

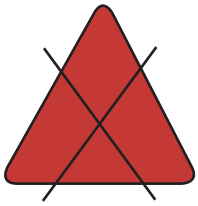
The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospital environment (e.g. diluted bleach, ammonia, or alcohol solutions). The surface finish will be permanently damaged by strong chemicals and solvents such as acetone and trichloroethylene. Steel wool or other abrasive material should never be used. Damage 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 arm that is not visible to verify compatibility. Never submerge the arm and do not allow liquids to enter it. Wipe any cleaning agents off the arm immediately using a water-dampened cloth. Dry the arm thoroughly after cleaning.



No Acetone
Acetone is a colorless, mobile, flammable liquid

Acetone

(Figure 1)



No Trichloroethylene
Trichloroethylene is a chlorinated hydrocarbon comvmonly used as an industrial solvent.

Trichloroethylene

(Figure 2)

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.

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