

User Manual

Amico Horizontal Rail Adapter



Amico

Preface



Important, Please Read Carefully

Thank you for your purchase with Amico.

The Amico Horizontal Rail Adapter is designed for long lasting performance, provided the user complies with assembly and maintenance procedures. This instruction manual is your guide to ensuring that you get the best performance out your equipment. Amico Accessories is not responsible for any damage as a result of, but not limited to, abuse and other malfunctions that may be a direct or indirect result of failure to comply with the instructions provided in this manual.

Glossary of Warning Symbols

The meaning of symbols appearing in this Guide, on the Workstation, or on the Battery System are shown on the chart below. These symbols alert you to safety conditions that demand your attention. You should take proper precaution and follow the instructions on the label and/or this guide to minimize the risk of injury or damage to the equipment.

Symbol	Signal Word/Color	Level of Hazard
	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.

Precautions



WARNING: IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE ALL COMPONENTS ARE PROPERLY ASSEMBLED AND INSTALLED USING THE PROVIDED INSTRUCTION MANUAL.



WARNING: EXCEEDING WEIGHT CAPACITIES CAN RESULT IN SEVERE PERSONAL INJURY OR DAMAGE TO YOUR EQUIPMENT. IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THE COMBINED WEIGHT OF ALL COMPONENTS DOES NOT EXCEED THE WEIGHT CAPACITY LISTED IN PRODUCT SPECIFICATIONS ON PAGE 4 OF THIS MANUAL.

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Section 1: Product Specifications

Features

Compatible to Amico Horizontal Rail System (ARS) for use with custom accessories application

Specifications

Amico Part Number	ATA-8-32	ATA-05
Physical dimension	2.5" W x 2" D x 2.75" H	2.5" W x 2" D x 2.75" H
Weight	0.40 lbs (0.18 kg)	0.43 lbs (0.195 kg)
Max load	2.5 lb.ft.	2.5 lb.ft.
Total weight of all the equipment attached	15 lbs (6.80 kg)	15 lbs (6.80 kg)
Mounting platform for use with custom accessories application	4x 8-32 threaded holes ½" apart	½" socket with thumb knob
Compatible to Amico Horizontal Rail System (ARS)	Yes	Yes

Section 2: Installation Preparation

Tools

Installation of this product can be completely tool-free.

Pre-installation Information (PLEASE READ CAREFULLY BEFORE STARTING)



WARNING: THE ATA-05 AND ATA-8-32 HAVE A MAXIMUM LOAD RATING OF 2.5 LB.FT, APPROXIMATELY 15 LBS, 2" FROM THE CENTER OF THE CROSS-SECTION OF THE MOUNTING SURFACE OF THE ADAPTER. HENCE THE TOTAL WEIGHT OF ALL THE EQUIPMENT ATTACHED SHOULD NOT EXCEED 15 LBS. ATTACHING MORE WEIGHT CAN LEAD TO FAILURE AND HENCE CAUSE DAMAGE TO EQUIPMENT AND/OR INJURIES TO PEOPLE NEARBY.

Section 3: Installation on Mounting Platform

Installation Instructions



WARNING: DO NOT MOUNT THE AMICO HORIZONTAL RAIL ADAPTER (ATA-__-__) ABOVE THE PATIENT'S HEAD.



WARNING: ENSURE RAILING IS STABLE AND PROPERLY INSTALLED BEFORE MOUNTING THE AMICO HORIZONTAL RAIL ADAPTER (ATA-__-__).



WARNING: ENSURE X-HBLOCK-ARM IS PUSHED BACK TO ORIGINAL POSITION WHEN MOUNTED OR ELSE ATA-__-__ MAY BE DISLODGED WHEN AN UPWARD FORCE IS APPLIED TO IT.

1. Locate a compatible rail.
2. Determine the position the ATA-__-__ will mount to.
3. Install the ATA-__-__ by pulling X-HBLOCK-ARM (**Figure 1**) and wedging the top of the ATA-__-__ in, as shown in step 1. With X-HBLOCK-ARM pulled, push the ATA-__-__ into the rail as shown in step 2. (**Figure 2**)

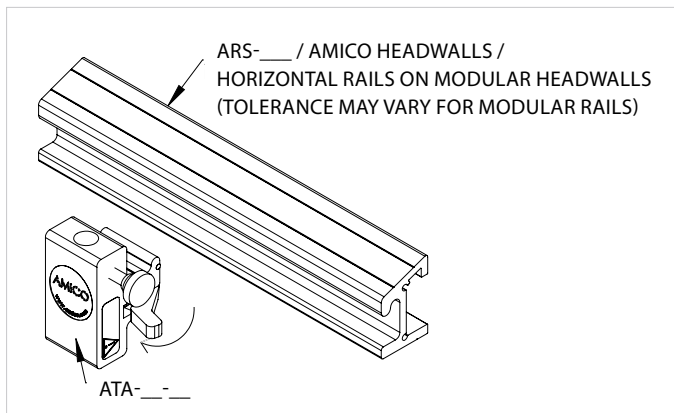


Figure 1

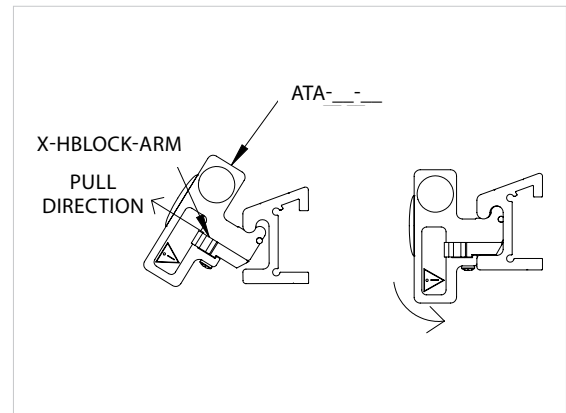


Figure 2

4. Release X-HBLOCK-ARM and push it back to original position. Check the ATA-__-__ to ensure it is securely mounted by pulling up/down on it and ensuring it does not pull off the rail.

Section 4: Device Installation



WARNING: THE ATA-05 AND ATA-8-32 HAVE A MAXIMUM LOAD RATING OF 2.5 LB.FT, APPROXIMATELY 15 LBS, 2" FROM THE CENTER OF THE CROSS SECTION OF THE MOUNTING SURFACE OF THE ADAPTER. HENCE THE TOTAL WEIGHT OF ALL THE EQUIPMENT ATTACHED SHOULD NOT EXCEED 15 LBS. ATTACHING MORE WEIGHT CAN LEAD TO FAILURE AND HENCE CAUSE DAMAGE TO EQUIPMENT AND/OR INJURIES TO PEOPLE NEARBY.

For ATA-8-32

1. Align device with 2x #8-32 clearance holes with ATA-8-32's threaded holes as shown in step 1. **(Figure 3)**
2. Recommend to apply thread sealant or add lock washers to screws.
3. Screw device into ATA-8-32 to secure as shown in step 2. **(Figure 3)**

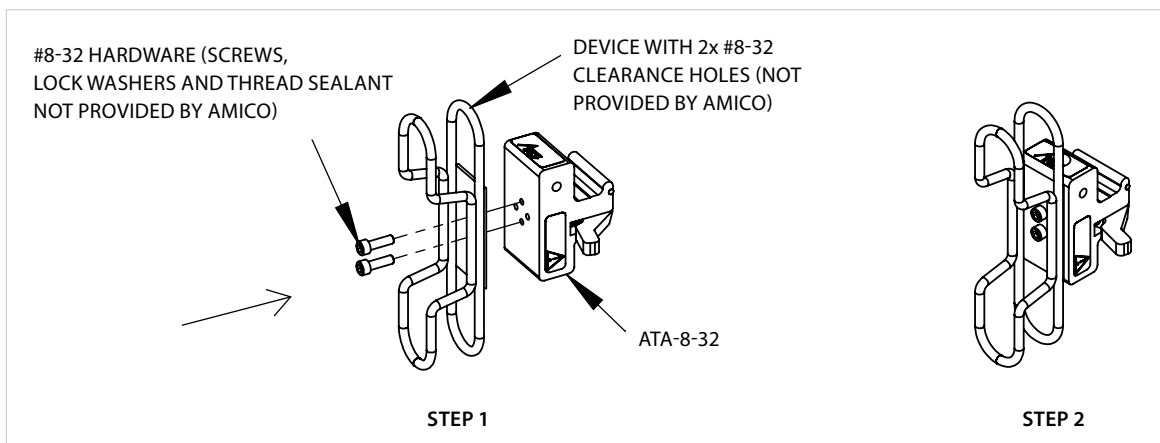


Figure 3

For ATA-05

1. Turn H-THUMB-KNOB-34 counter-clockwise to loosen and allow clearance in hole to slide device with 0.5" diameter post into ATA-05's socket as shown in step 1 **(Figure 4)**.
2. Set device to desired height (slide the device slowly to allow enough post to be tightened in ATA-05, limited by device post length). **(Figure 4)**
3. Screw device in ATA-05 with the H-THUMB-KNOB-34 by turning it clockwise as shown in step 2. **(Figure 4)**

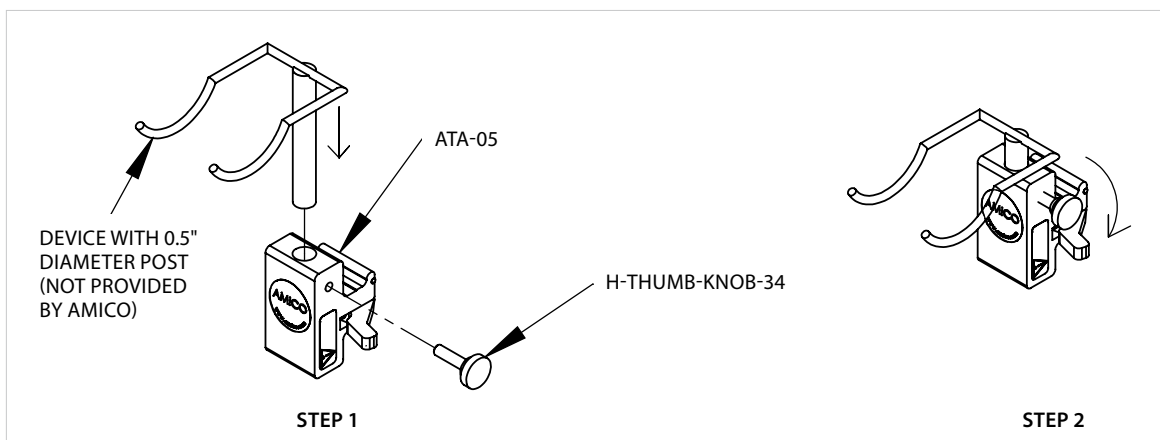


Figure 4

Section 5: Adjustments



WARNING: IT IS RECOMMENDED THAT THE LOAD IS REMOVED FROM THE DEVICE BEFORE LOOSENING H-THUMB-KNOB-34 OR THE LOAD MAY FALL.



WARNING: CARE MUST BE TAKEN WHILE ADJUSTING THE DEVICE SO AS NOT TO DISLODGE AND DROP THE DEVICE FROM THE ATA-05.



WARNING: ENSURE X-HBLOCK-ARM IS PUSHED BACK IN ORIGINAL POSITION AFTER ADJUSTMENT OR ELSE ATA-__-__ MAY BE DISLODGED AND FALL WHEN AN UPWARD FORCE IS APPLIED TO IT.

1. To adjust device on ATA-05, loosen H-THUMB-KNOB-34 by turning it counter-clockwise, adjust ATA-05 device to desired height (slide the device slowly and ensure enough post is tightened by THE H-THUMB-KNOB-34) and rotate H-THUMB-KNOB-34 in clockwise direction to lock device position. **(Figure 5)**
2. To adjust ATA-__-__ position on rail, pull the X-HBLOCK-ARM and slide the ATA-__-__ left or right to desired position **(Figure 5)** and release the X-HBLOCK-ARM and push to original position to lock ATA-__-__ in place. Check the ATA-__-__ to ensure it is securely mounted by pulling up/down on it and ensuring it does not pull off the rail.

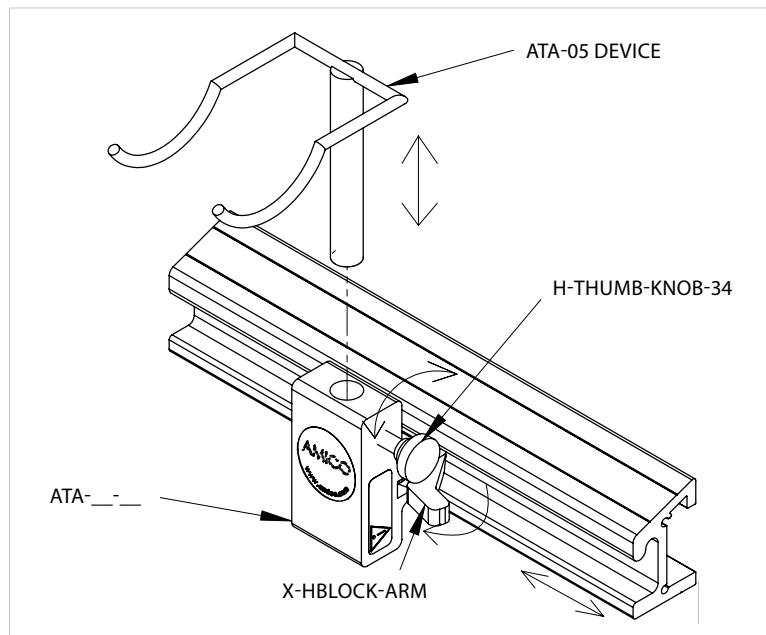


Figure 5

Section 6: Troubleshooting, Preventative Maintenance & Cleaning

Troubleshooting Guide

Symptom	Possible Cause	Solution
Adapter is wobbly in the rail.	1. Adapter is not fully wedged into the rail, or 2. X-HBLOCK-ARM is not pushed to the original position to lock the adapter in place.	Remove adapter from rail and follow the installation instructions to complete the install properly.
ATA-05 device does not stop from swiveling.	1. H-THUMB-KNOB-34 is not tightened enough, or 2. Not enough post is tightened by the H-THUMB-KNOB-34.	Tighten H-THUMB-KNOB-34, or lower the device

Preventive Maintenance



WARNING: THE INTERVALS SHOWN ARE RECOMMENDED. MAINTENANCE SCHEDULES SHOULD BE MORE FREQUENT FOR HIGHER-USE AREAS.

It is recommended that once every month, all locks, bolts, and screws are visually inspected for signs of product wear and tear or damage. Check the device for looseness in the mount or orientation, and ensure the adapter is secured to the rail system.

Ensure the X-HBLOCK-ARM is push to original position to lock ATA-___-___ in place, the screws and thumb knob are fastened to the tightest possible position and ensure device is secure.

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 CHEMICALS DIRECTLY ONTO THE AMICO HORIZONTAL RAIL ADAPTER. APPLY ONTO A SOFT CLOTH AND WIPE CLEAN TO PREVENT CHEMICALS FROM GETTING INTO THE INTERNAL COMPONENTS OF THE AMICO HORIZONTAL RAIL ADAPTER.

The mounting assembly may be cleaned with the 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 Amico Horizontal Rail Adapter that is not visible to verify compatibility. Never submerge the Amico Horizontal Rail Adapter and do not allow liquids to enter it. Wipe any cleaning agents off the Amico Horizontal Rail Adapter immediately using a water-dampened cloth. Dry the Amico Horizontal Rail Adapter thoroughly after.



Acetone

NO ACETONE

Acetone is a colorless, mobile, flammable liquid.



Trichloroethylene

NO TRICHLOROETHYLENE

Trichloroethylene is a chlorinated hydrocarbon commonly used as an industrial solvent.

Warranty

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.

Notes

Notes

www.amico.com

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