



Bracket Pro Serie™
Surface System



USER'S MANUAL

BRACKET PRO SERIE™ SYSTEM

FOR TECHNICAL ASSISTANCE CALL: +1.581.998.9820 or contact us at: techsupport@technimount.com



English version

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PRODUCT DESCRIPTION

Technimount System's mounting system for portable medical device, the Bracket Pro Serie™, is a system of installation for different use. It consists of a standard base platform and a bracket that is permanently installed on the medical device. The *Bracket Pro Serie™* is used to support and secure a medical device weighing up to 55 pounds in prehospital or hospital environments. This device is rotatable, while being locked and can be used on a stretcher, a code cart or any surface in emergency vehicles.

PRODUCT UTILISATION

The Bracket Pro Series™ is a safety fixation solution designed to attach medical devices to a stretcher, a wall, a support arm or a code carriage. It is designed to support and secure medical equipment during a medical emergency either ambulatory or non-ambulatory (including children and adults). Once the system is locked, it secures medical devices when the patient is being transported or permits medical professionals to perform normal tasks. The Bracket Pro Series™ is made for the transport of medical devices. However, it is not manufactured to be paired or attached with more than one unit, or to support additional equipment. It is not designed to be used simultaneously with other devices or medical equipment not approved by Technimount System.

SET UP PROCEDURES

Ensure that all shipping and packaging materials have been removed from the product(s) prior to use.

Unpack the cartons and check all items for proper operation. It is important that the *Bracket Pro Serie* is working properly before it is put into service. Validate that you have all the components and hardware prior to start the installation. Some hardware or parts provided might not be applicable; please refer to the installation Guide for identification product components.

Note: Loose items or debris on the Surface base can interfere with the operation of the *Bracket Pro Serie*. Keep base & the access to clear.



WARNING

- ✓ Improper usage of the *Bracket Pro Serie* can cause injury to the patient or operator. Operate the system only as described in this manual.
- ✓ Do not modify the product or any components of the cot. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty.

Note:

- ✓ This manual should be considered a permanent part of the product and should remain with the product even if the system is subsequently sold.
- ✓ Technimount continually seeks advancements in product design and quality. Therefore, while this manual contains the most current product information available at the time of printing, there may be minor discrepancies between your arm system and this manual. If you have any questions, please contact Technimount Customer Service or Technical Support at 581.998.9820.

OPERATING GUIDELINES

Note:

- ✓ Use the *Bracket Pro Serie* only as described in this manual.
- ✓ Read all labels and instructions on the product before using the *Bracket Pro Serie*.
- ✓ Before first and every use, inspect the Surface base and the bracket area for cracks and/or damage.
- ✓ Using the *Bracket Pro Serie* requires a minimum of one (1) trained operators, but Technimount suggests two (2) when it's possible.
- ✓ The mount can be used/ in any position. Technimount recommends that the operators use the system in the appropriate position most of the time; to see the screen and the patient, considered as a better position to handle the medical device.
- ✓ Always use the *red button to unlock* during use of the *Bracket Pro Serie* with or without a patient around.
- ✓ Always verify if the mechanism by firmly pushed and released the lock red button, in order to diagnostic if the locking mechanism is clearing the level of surface.
- ✓ Use properly trained helpers, when necessary, to installed the medical device on it.



WARNING

Improper usage of the *Bracket Pro Serie* can cause injury to the patient or operator. Operate the product only as described in this manual.

Do not allow untrained assistants to assist in the operation of the mount. Untrained technicians/assistants can cause injury to the patient or themselves.

Always verify if the *locking mechanism* is locked by pushed and releasing it.



WARNING

- ✓ **ALWAYS HOLD PROPERLY THE MEDICAL DEVICE WHEN YOU MANIPULATE IT. AS WELL, ALWAYS PULL, AND PUSH THE MEDICAL DEVICE WITH THE DISC ON AN HORIZONTAL PLAN AND PARALELLE TO THE SURFACE BASE. DEVICE WILL BE LOCKED WHEN IT WILL REACH THE FINAL POSITION (FORWARD)**

CLEANING

Note:

The *Bracket Pro Serie™* is designed to NOT be power washable. The unit may show some signs of oxidation or discoloration from continuous washing; however, a humid linen with soft soap can be used. The material uses to be manufactured is high grade aluminum with anodized coating, it may resist and be durable to corrosion; however high level of high level of sodium environment or liquid with very high concentration of sodium or acid may attack prematurely the product, always rinse with soft soap and a few water if exposed.

WASHING LIMITATIONS



WARNING

- ✓ When cleaning, use any appropriate personal safety equipment (goggles, respirator, etc.) to avoid the risk of inhaling contagion. Use of power washing equipment can aerate contamination collected during the use of the product.
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CAUTION

- DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE SYSTEM (ALL COMPONENTS).
 - Allow the *Bracket Pro Serie* to air dry
 - Towels dry all casters and interface points, specifically into the slot of the locking blocker and the ball bearings
 - Failure to comply with these instructions may invalidate any/all warranties.
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CLEANING SOLUTIONS

In general, when used in those concentrations recommended by the manufacturer, either phenolic type or quaternary (*excluding Virex® TB*) type disinfectants can be used. Iodophor type disinfectants, Peracetic acid, Chlorine, and especially Peroxide oxygen are **not** recommended for use because staining and corrosion may result.

Suggested cleaners for the arm surfaces and clamp box:

- Quaternary Cleaners (active ingredient - ammonium chloride)
- Phenolic Cleaners (active ingredient - o-phenyl phenol)
- Chlorinated Bleach Solution (3.25% --- less than 1 part bleach to 100 parts water)

Note: Do not immerse the metal parts / components in water. Rinse with clean water. Allow to air dry. Avoid over saturation and ensure that the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.



WARNING

SOME CLEANING PRODUCTS ARE CORROSIVE IN NATURE AND MAY CAUSE DAMAGE TO THE PRODUCT IF USED IMPROPERLY. If the products described above are used to clean TECHNIMOUNT equipment, measures must be taken to ensure the *Bracket Pro Serie* are wiped with clean linen and thoroughly dried following cleaning. Failure to properly clean and dry the arm will leave a corrosive residue on the surface of the product, possibly causing premature corrosion of critical components.

Note: Failure to follow the above directions when using these types of cleaners may void this product's warranty.

REMOVAL OF IODINE COMPOUNDS

Use a solution of 1/4 Tablespoon Sodium Thiosulfate in a pint of warm water to clean the stained area. Clean as soon as possible after staining occurs. If stains are not immediately removed, allow solution to soak or stand on the surface. Softly clean surfaces, which have been exposed to the solution with a clean humid linen before returning unit to service.



CAUTION

Failure to properly clean or dispose of contaminated parts or arm components will increase the risk of exposure to blood borne pathogens and may cause injury to the patient or the operator.

PREVENTIVE MAINTENANCE

A preventative maintenance program should be established for all TECHNIMOUNT equipment. Preventative maintenance may need to be performed more frequently based on the usage level of the product. The *Bracket Pro Serie* requires regular maintenance. Establish and follow a maintenance schedule and keep records of maintenance activity. TECHNIMOUNT recommends using the maintenance record sheet to show, and prove maintenance on the product.



CAUTION

A preventative maintenance program should be established for all Technimount equipment. Preventative maintenance may need to be performed more frequently based on the usage level of the product. Close attention should be given to safety features including, but not limited to:

- Surface Base (standard or extended) (*support surface base mount bracket*)
 - Disc (bracket section on medical device) and mount in general (screws)
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WARNING

- ✓ Do not modify the part or any components of the system. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty.
 - ✓ When using maintenance products, follow the directions of the manufacturer and reference all material safety data sheets.
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CAUTION

Improper maintenance can cause injury or damage to the product. Maintain the product as described in this manual. Use only Technimount approved parts and maintenance procedures. Using unapproved parts and procedures could cause unpredictable operation and/or injury and will void the product warranty.

Failure to use authorized parts, lubricants, etc. could cause damage to the cot and will void the warranty of the product.

LUBRICATION

The *Bracket Pro Serie* has been designed to operate **without** the need for lubrication, replaced by an anodization of the metallic parts in contact, however doing it with appropriate lubricant won't damage the product.

REGULAR INSPECTION AND ADJUSTEMENT

Maintenance Intervals

The following schedule is intended as a general guide to maintenance. Bear in mind that such factors as weather, terrain, geographical location, and individual usage will alter the required maintenance schedule. If you are unsure as to how to perform these checks please contact your Technimount service technician. If you are in doubt as to what intervals to follow in maintaining your product, consult your Technimount service technician. Check each routine and replace damaged or worn parts if necessary.

ITEM	ROUTINE	Every (<i>whichever comes first</i>)			
		1 Month or 3 hours	3 Months or 6 hours	6 Months or 12 hours	12 Months or 24 hours
Surface Base mount	<ul style="list-style-type: none"> ✓ Inspect and re-tight if needed, the 4 bolts of the surface base, to detect and loose, broken or unscrewed bolt; If not secure, then the screw must be replaced. ✓ Inspect the ball bearing push locking system to detect failure, dirt or dust and any un proper pushing resistance; and add lubrication time to time if needed; or after a long time not used. ✓ Safety lock if working properly and no particle obstacle or debris. ✓ Release red front button, if still lock properly ✓ Verify if the base is not cracked or broken into the area of the bolt installation. 	X			
Bracket mount (device)	<ul style="list-style-type: none"> ✓ Verify the structure intact, not cracked or broken ✓ Verify no bent, broken, or damaged components ✓ Verify that the system retaining post is secure. ✓ Verify the screws are tight and maintain the blocks adapter on the medical device. ✓ Verify the disc is not bent or has a wave in and also the locking holes on the disc are used equally and have a soft curve and no damage. ✓ Inspect and tighten the screws of the feet and check if the screw isn't loose into the feet threads; if so, please change the feet. 	X			

WARRANTY

TECHNIMOUNT SYSTEM a division of the Technologie CGC offers three warranties options for its products:

- One (1) year additional after the original warranty for parts and labor. Technimount warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of one (1) year after date of end of the original warranty. Technimount's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Technimount, found to be defective.
- Two (2) years additional after the original warranty for parts and labor. Technimount warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of two (2) year after date of end of the original warranty. Technimount's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Technimount, found to be defective.
- Three (3) years additional after the original warranty for parts and labor. Technimount warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of three (3) year after date of end of the original warranty. Technimount's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Technimount, found to be defective.

Note:

Please contact customer service or a representative for price and conditions.

The Bracket Pro Serie™ is designed for a 5-year expected service life under normal use conditions, and with appropriate periodic maintenance as described in the manual. Technimount warrants to the original purchaser that *the Bracket Pro Serie* will be free from structural defects for the expected 5 years life of the product as long as the original purchaser owns the product. Original purchasers will obtain a one (1) year limited parts warranty for surface base components of the system. Technimount obligation under this one (1) year limited warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any part that is, in the sole discretion of Technimount, found to be defective.

Upon Technimount's request, purchaser shall return to Technimount's factory any product or part (freight prepaid by Technimount) for which an original purchaser makes a warranty claim.

Any improper use or alteration or repair by unauthorized service providers in such a manner as in Technimount's judgment affects the product materially and adversely, shall void this warranty. Any repair of Technimount products using parts not provided or authorized by Technimount shall void this warranty, and exclude any type of responsibility to the product or the use of it. No employee, distributor or manufacturing agent or representative of Technimount is authorized to change this warranty in any way.



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