



**BRACKET PRO SERIE™**  
**Surface System**  
**Mounting Solutions for medical device**



## **USER'S MANUAL**

### **BRACKET PRO SERIE™ SYSTEM**

FOR TECHNICAL ASSISTANCE CALL: + 1.581.998.9820 or email us at : [techsupport@technimount.com](mailto:techsupport@technimount.com)



English version

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**PRODUCT DESCRIPTION**

Technimount System has designed a safe & flexible mounting system for a variety of portable medical devices, under the product brand of Bracket Pro Serie™. 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 has the ability to rotate 360 degrees, while being securely fastened to the stretcher, a hospital code cart or any flat surface in an emergency vehicle.

**PRODUCT UTILIZATION**

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 cart. 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 will secure a medical device when the patient is being transported and/or permits medical professionals to perform normal tasks. The Bracket Pro Series™ is intended for the transport of medical devices only. It is not designed to be paired or attached with more than one unit, nor to support additional supporting equipment. It is not designed to be used simultaneously with other devices or medical equipment not approved or certified 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 placed into service. Validate that you have all the components and hardware prior to starting the installation. Some hardware or parts provided might not be applicable; please refer to the installation Guide to identify appropriate product components.

**Note:** Loose items or debris on the Surface base can interfere with the operation of the *Bracket Pro Serie*. Please inspect surface base upon each use.

**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 component of the stretcher. Modifying the product can cause an unsafe or unpredictable situation, resulting in injury to the patient or operator. NOTE: Any modification without written approval by Technimount System will void the warranty.

**Note:**

- ✓ This manual should be considered a key component of the product and should be readily available for reference at all times.
- ✓ Technimount continually seeks to improve or make advancements in product design and quality assurance. Therefore, while this manual contains the most current product information available at the time of printing, there may be times where one may find minor discrepancies between the physical product and this manual. If you have any questions, please contact Technimount Customer Service or Technical Support at +1.581.998.9820 for clarification or assistance.

**OPERATING GUIDELINES**

- ✓ 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 defects and/or damage.
- ✓ Using the *Bracket Pro Serie* requires a minimum of one (1) trained operator, but Technimount suggests two (2) where possible.
- ✓ The mount can be used in any horizontal 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 the Bracket Pro Serie from the "Standard or Extended base"*. No need to push the button when install or sliding in the medical device.
- ✓ Always ensure the red button is free from obstacles that might interfere with the normal operation of the mechanism and by firmly pushed and released the lock red button, in order to diagnostic if the locking mechanism is clearing the level of surface.
- ✓ When you slide the disk into the surface base, make sure that the disk is making a full contact with the inside of the base, and you hear the "click" when the disk reaches its final forward position.
- ✓ Validate the locking position into the standard base firmly, prior to release the medical device.
- ✓ Use properly trained staff to ensure the safe use and operation of the Bracket Pro Serie.

**WARNING**

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

Do not allow untrained operators to assist in the operation of the mount. Similarly, untrained technicians/or support staff can cause injury to the patient, trained operators and/or themselves.

Always verify if the *locking mechanism* is locked by pushing and releasing the red button.

**WARNING**

- ✓ **ALWAYS SECURELY HOLD THE MEDICAL DEVICE WHEN RE-POSITIONING, ALWAYS CHECK TO SEE IF THE DEVICE IS SECURED TO THE BASE BY PULLING AND PUSHING THE DEVICE ALONG THE HORIZONTAL PLANE AND THAT IT IS PARALLEL TO THE SURFACE BASE. THE DEVICE WILL BE LOCKED WHEN IT REACHES THE FINAL FORWARD POSITION.**

**CLEANING****Note:**

The *Bracket Pro Serie*™ is NOT designed to be cleaned by a power washer. The unit may show some signs of oxidation or discoloration from continuous washing; Only use a combination of warm water and a mild soap detergent / approved spray disinfectant to clean metal surfaces like aluminum. The material used in the manufacturing process is made out of a high-grade aluminum with an anodized coating. This may resist and/or be durable to corrosion; however, concentration of a sodium/acid type environment, over time or higher levels than normal, may prematurely deteriorate the specialized coating on the product.

**WASHING LIMITATIONS**

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**WARNING**

When cleaning, refer to appropriate personal protection equipment (PPE) based on established protocols (gloves, eye wear, etc.) to ensure the health and safety of those directly involved.

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**CAUTION**

- DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE SYSTEM (ALL COMPONENTS).
  - Allow the *Bracket Pro Serie* to air dry
  - Towel dry all casters and interface points, with specific care down the slot of the locking or clamp block and surface tension ball bearings.
  - Failure to comply with these instructions may void any/all product warranties.
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## CLEANING SOLUTIONS

In general, when used in those concentrations as 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 as 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.

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### **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 System Products, measures must be taken to ensure the *Bracket Pro Serie* are wiped with a clean cloth 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 product warranty.

## REMOVAL OF IODINE COMPOUNDS

Use a solution of 1/4 tablespoon of 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 cloth before returning unit to service.

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### **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 and/or the operator.

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## **PREVENTIVE MAINTENANCE**

A preventative maintenance program should be established for all TECHNIMOUNT equipment that incorporates a schedule of regular inspection and cleaning of 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 to maintain optimal performance and safety when in use. 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.

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### **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 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.

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## **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, as a grease (GS-1000) or liquid lubricant as (WD-40) won't damage the product.

## REGULAR INSPECTION AND ADJUSTEMENT

### Preventative Maintenance Intervals

The following schedule is intended as a general guide to preventative 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 or 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 out 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"> <li>✓ Inspect and re-tight if needed, the 4 "hexagon socket pan head screws of the surface base, to detect if loose or broken, unscrewed bolt; If not secure, then the screw must be replaced.</li> <li>✓ Inspect the ball bearing push locking system to detect failure, dirt or dust and any improper pushing resistance; and lubricate (<i>WD-40 or others similar</i>) as required or after non-use for an extended period of time, prior to place it in service.</li> <li>✓ Determine safety lock is working properly and there is no particle obstacle or debris.</li> <li>✓ Pull &amp; release rounded red front button, to ensure locking mechanism is working properly and smooth with blocking sequence</li> <li>✓ Verify for cracks on the base or areas surrounding of the hex screw installation holes.</li> </ul>	X			
Bracket mount (device)	<ul style="list-style-type: none"> <li>✓ Verify the structure is secure &amp; intact, not cracked or broken</li> <li>✓ Verify no bent, broken, or damaged components</li> <li>✓ Verify that the system retaining post is secure.</li> <li>✓ Verify the screws are tight and maintain the blocks adapter on the medical device.</li> <li>✓ Verify the disc is not bent or deformed, locking holes at each 15-degree interval uniform and there is no visible damage.</li> <li>✓ 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.</li> </ul>	X			





**WARRANTY**

TECHNIMOUNT SYSTEM a division of the Technologies 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 pricing and conditions.

*The Bracket Pro Serie™* is designed for a 5-year expected service life under normal use conditions, and with appropriate periodic preventative 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' service 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 shipping warehouse 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.

**TECHNIMOUNT**  
SYSTEM

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Administrative office  
445 Papin St. Office 103  
Quebec City, (Quebec)  
Canada  
G1P 3T8

Phone: +1.581.998.9820  
Fax: 1.855.339.6351  
Email: [info@technimount.com](mailto:info@technimount.com)