

XTIRPA

INSTRUCTION AND SAFETY MANUAL
Expandable davit arm system 762 mm - 1219 mm (30" - 48")
Xtirpa removable adaptor for PPE

IN-8015 UNIVERSAL RESCUE SYSTEM

XTIRPA TM

Innova
Produits de Services Publics - Public Utility Products inc.



MUST BE READ AND UNDERSTOOD BY THE USER BEFORE EACH USE

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CAUTION

The XTIRPA™ System is **part of a personal protection equipment system, a protection system against falls, a work and safety positioning system** to be used in isolation.

The user must read, understand and respect the manual's instructions for each of the entire XTIRPA™ system's components and parts. These instructions must be sent to the XTIRPA™ System user. The manufacturer's instructions must be followed to ensure the appropriate use and maintenance of this product. Any modification or misuse of the XTIRPA™ System or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA™ System waiving any arising claim, right and remedy against the manufacturer.

INTRODUCTION

The XTIRPA™ System was engineered for people needing a personal protection equipment system, a protection system against falls, a work and safety positioning system to be used in isolation. The XTIRPA™ System was engineered to act as a supporting or anchoring structure for these uses. The XTIRPA™ System is one of the lightest and most ergonomic systems to use in its category on the market. The XTIRPA™ System meets the ANSI, OSHA and CSA. The equipment was tested in accordance with the applicable Type B EN 795:2012 standard's requirements.

IMPORTANT: The buyer must imperatively complete and return the limited warranty's record sheet.

Always make this Instruction and Safety Manual available to any worker who needs to use the XTIRPA™ System. .

Before each use, the user must read, understand and follow the manufacturer's Instruction and Safety Manual.

Always keep the informative and safety labels affixed on the XTIRPA™ System as well as those on the components and parts clean and readable. Clean or replace if necessary. New labels can be obtained on demand.

Implement a regular training program on the use of the XTIRPA™ System for all users, whether new or professional, as recommended thereafter in this Instruction and Safety Manual. Implement a detailed inspection program for the XTIRPA™ System and document the results, as recommended below in this Instruction and Safety Manual. Always inspect the XTIRPA™ System before each use and at least one a year after that.

The XTIRPA™ System, its components and parts have labels indicating each and everyone's maximum capacity. Exceeding this maximum capacity can not only provoke damages to the XTIRPA™ System, or its components or pieces, but can also lead to serious injury or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA™ System waiving any arising claim, right and remedy against the manufacturer.

The XTIRPA™ IN-8015 universal rescue system, including the components: IN-2240 or IN-2313 or IN-2426 (Mast for fall arrest and recuperation); IN-2237 (Extendable davit arm 762mm-1219mm (30" - 48")); A2237-06 (Removable Winch adapter for Davit arm IN-2237); IN-2380 (102mm (4") Adjustable wall adapter 254mm à 432mm (10"-17")); MU8015-002ANG 2017.

DESCRIPTION AND INTERPRETATION OF THE MARKING SYMBOLS



This symbol is used to attract the user's attention on a potential danger. The latter's safety is at risk. It is essential to follow the manufacturer's recommendations.



This symbol asks the user to read and understand this product's operation manual before using it.



This symbol indicates that the system must be used by one user only.



The anchorages must be installed by a qualified and experienced staff, according to local legislations, manufacturers' recommendations on anchorages must be followed at all times.



Inspect the installation as well as the adaptor's status at regular intervals or when the system experienced a fall. In the event of a fall or of any doubt regarding the equipment's integrity, the latter must immediately be withdrawn and inspected by a qualified person before any re-use.



Maximum allowable arrest force.



During manoeuvres and in order to avoid any serious injury, the positioning pin must be in place.



Adaptors are designed for XTIRPA(TM) equipments only or approved by the latter.



The manufacturer meets ISO-9001 and ISO-17025 requirements.

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APPLICATION

The **XTIRPA™** System as well as its numerous components and parts (including the davit arm, safety guard, removable adapter, permanent adapter, integrated mast and side entrance trolley) were engineered to be used as part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The **XTIRPA™** System was engineered to act as a supporting or anchoring structure for these uses. .

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RESTRICTIONS

- a) **CAPACITY** : This product's maximum workload is 360 lbs (164 kg). Per (ANSI, OSHA, CSA).
- b) The manufacturer confirms that the anchoring devices were subjected to tests in accordance with the current European standard (EN 795: 2012 Type B) and that, unless otherwise indicated, they are suitable for use by one person only with a shock absorber compliant with EN 355.
- c) **PRECAUTIONS** : Take the necessary precautions to limit the user's injuries and the **XTIRPA™** System's risks of damage.
- d) Using the **XTIRPA™** System in hazardous environments may required additional precautions to limit the possibility of injuries to the user or damages to the **XTIRPA™** System. Hazards may include but are not limited to: high temperatures, fire, flames, fumes, caustic chemical products, corrosive environments, high voltage electrical cables, sudden pressure changes, gas or toxic or explosive substances, water or risks of flooding, risk of wall, ceiling or floor collapsing, mobile machinery and sharp-edged items.
- e) Install and secure all marking and other precaution and safety measures, including without limitation, those informing users, bystanders and vehicle operators circulating near the **XTIRPA™** System of the presence of the **XTIRPA™** System and workers before starting the works.

- f) Wear any appropriate, certified and recommended safety equipment, including, without limitation, safety helmet, protective glasses, leather gloves, protective clothing, safety boots, harness compliant with EN 361, flashlight and respiratory system if necessary.

CAUTION: The equipment must not be used beyond its limits or for purposes other than those for which it was originally intended.

CAUTION: The equipment must only be used by trained and competent people in order for this product to be used safely.

- g) Always work in team composed of at least two (2) people: 1 agent and 1 worker in a closed space (the person attached to the cable or lifeline) who must be qualified and trained in using the **XTIRPA™** System and who must have read and understood the Instruction and Safety Manual before using the **XTIRPA™** System. One person works inside the enclosed space (the person attached to the cable or lifeline) and the other (the agent) is in charge of handling the lifeline and rewind, keeping contact with the person located inside and remaining available in case of emergency. The agent ensures that, at all times, the user who attaches his/her cable or lifeline to his/her harness compliant with EN 361 is in the right position. The agent also ensures that the **XTIRPA™** System is firmly in place and that no load imbalance can happen.

IMPORTANT: During the system installation, it is important to ensure its stability.

- h) Only use a full body harness compliant with EN 361 as well as certified cable and lifelines for every **XTIRPA™** System's user, with appropriate specifications that were engineered and recommended for use in specialized working conditions, such as those for which the **XTIRPA™** System was engineered, as indicated in this Instruction and Safety Manual. Pour l'installation des câbles ou ligne de vie sur les points d'ancrages certifiés 12kN de la potence, voir section 6 paragraphe 3 à 5.

IMPORTANT: When used as a PPE, the system must be equipped with an equipment limited the dynamic forces that were exerted by the user to a maximum of 6 kN (1320 LbF).

- i) Plan your work before starting the works. One must have the required and available equipment, procedures and workers to perform the work and the latter must be qualified and trained in using the **XTIRPA™** System and must have read and understood this Instruction and Safety Manual before using the **XTIRPA™** System.
- j) Always keep the informative and safety labels affixed on the **XTIRPA™** System as well as those on the components and parts clean and readable. Clean or replace if necessary. New labels can be obtained on demand.

IMPORTANT: If the anchoring device's marking cannot be accessed after the use, an additional marking located near the anchoring device is recommended.

CAUTION: Any alteration or addition to the equipment cannot be performed without the manufacturer's prior written consent and any repair must be performed in accordance with the manufacturer's method of operation. .

CAUTION: It is agreed and accepted that the use of the equipment (system) is limited to one person only.

- k) Do not exceed **360 lbs.** (164 kg) (CSA, ANSI, OSHA) or the system's maximum working load.

- l) Follow all the laws, regulations and standards that rule the work, entrance and exit in a closed space.

- m) Any person who hasn't read this Instruction and Safety Manual, who hasn't been trained in using the **XTIRPA™** System and who does not understand all the instructions related to the operation, security, maintenance, repair, and storage contained in this Instruction and Safety Manual and in any other recommendation provided by the manufacturer or his qualified trainers, is not qualified to operate the **XTIRPA™** System and does it at his/her own risks and, doing so, waives all arising claims, rights and remedy against the Manufacturer.
- n) Make sure to respect the requirements related to the anchoring device (such as the floor adapter, wall adapter, recessed wall, etc.) or to the structure chosen to serve as an anchoring point, and in particular, the minimum required resistance, adequacy and position.

CAUTION: Anchoring devices must only be installed by competent people or organization.

- o) The maximum force applied by the system on the structure is, a vertical force of 22 kN (5000 lbf), per CSA, ANSI, OSHA or 12kN per EN362, EN795 on the anchorage to which the system is fixed.

CAUTION: Installation must be checked appropriately, for example, through calculations or tests.

CAUTION: The fitness for use of the base materials', structural anchor's or fastening component, if any, must be considered by taking into account the loads registered on the anchoring device during the dynamic resistance and integrity tests.

- p) A safety plan must be established in order to face any emergency that could arise during work.

CAUTION: Any alteration or addition to the equipment cannot be performed without the manufacturer's prior written consent and any repair must be performed in accordance with the manufacturer's method of operation.

CAUTION: It is agreed and accepted that the use of the equipment (system) is limited to one person only.

CAUTION: The **XTIRPA™** System must be placed on a hard and leveled surface. **Do not use the XTIRPA™ System on a soft ground, such as, but not limited to sand, grass, gravel and pebbles.** If you have questions related to the use, maintenance or adequacy of the **XTIRPA™** System for your application, please contact the PSP INNOVA INC. Manufacturer.

CAUTION: To ensure security during the use of the fall arrest system, it is essential to make sure that there is enough clearance below the user, so as to avoid any injury. If any fall were to occur, there should be enough clearance to avoid a collision between the ground and any other obstacle. See the diagram of the air draft calculation in section 8.

XTIRPA™ SYSTEM REQUIREMENTS

IMPORTANT : If you have questions related to the use, maintenance or adequacy of the **XTIRPA™** System for your application, please contact the PSP INNOVA INC. Manufacturer.

IMPORTANT : Enter the product's ID number indicated on the ID label on the maintenance and inspection sheet contained in this Instruction and Safety Manual.

IMPORTANT: Enter the date of purchase as well as the date of the first use on the maintenance and inspection sheet contained in this Instruction and Safety Manual.

IMPORTANT: In the event that the handling/positioning winch is required, this option is offered to you with the addition of an adaptor located at the bottom of the davit arm. You will have to repeat steps 10-11-12 for the installation of the lifeline/winch. Should you have any questions concerning the use, maintenance or appropriateness of the **XTIRPA™** System for your application, please contact the PSP INNOVA INC. Manufacturer.

- a) The **XTIRPA™** System was engineered to be used as part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The **XTIRPA™** System was engineered to act as a supporting or anchoring structure for these uses. The **XTIRPA™** System must only be used with adaptors, anchorages, connectors (EN 362), other components, parts or sub-systems that are certified, approved and recommended by the manufacturer.

CAUTION: It is imperative to never use this system both with staff and for handling equipment purposes.

- b) Substitutes or replacements created with adaptors, anchorages, connectors (EN 362), other components, parts, or subsystems may not be compatible, may jeopardize the safety and reliability of the **XTIRPA™** System assembly, and may cause serious injury or death, for which the Manufacturer waives any and all warranty or responsibility, the user, owner, and buyer of the **XTIRPA™** System renouncing to any arising claims, rights, and remedies against the Manufacturer
- c) The connector (EN 362) (hooks, snap hooks, D rings) must be able to withstand a weight of at least 5,000 lbs (2,273 kg) (CSA, ANSI, OSHA)
- d) Ensure that the cable or lifeline is directly placed above the working area. Only use cables or lifelines that are certified and in perfect functioning state, with the appropriate specifications, including the maximum lifting capacities for the **XTIRPA™** System's intended use .
- e) The owners must ensure that, before each use, any users of the **XTIRPA™** System users have read, understood, and will follow the Manufacturer's Instruction and Safety Manual.
- f) The owners must also ensure that all users were trained to use the **XTIRPA™** System before allowing them to use the **XTIRPA™** System, as well as at least once a year thereafter.

- g) A person who hasn't read the Instruction and Safety Manual, who hasn't been trained to use the **XTIRPA™** System and who doesn't understand all the operation and safety instructions, is not qualified to use the **XTIRPA™** System. A user who wasn't trained exposes others and himself/herself to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the **XTIRPA™** System waiving any arising claim, right and remedy against the manufacturer.
- h) Refer to and follow all the ANSI, OSHA and CSA standards as well as other local standards and regulations. Follow all requirements of your local regulations concerning your applications .
- i) See the other important operating and safety instructions contained below in this Instruction and Safety Manual.
- j) Enough information must be given to ensure the compatibility of the equipment's various items when they are assembled into a system.

CAUTION: A danger may occur during the use of several items in which the safety feature of one of the items is affected by or interferes with the safety feature of another item.

CAUTION: It is essential for the user's safety, if the product is resold outside the first destination country, that the reseller provides the user guide, instructions for maintenance, for periodic exams, as well as instructions for repairs, in the language of the country where the product is being used. It is also important to provide any required additional information that is specific to the equipment.

CAUTION: Any person suffering from medical conditions that may affect the user's safety during the normal use of the equipment and in case of emergency must refrain from using the system.

- k) The service life of **XTIRPA™** System, and of its components, will be determined following the conclusions of periodic and monthly verifications which determine if the product shall remain in service or not until the system's decommissioning.

CAUTION: If it was used to stop a fall, it should no longer be used until a qualified person authorizes its reuse in writing.

WARNING: The user's safety is directly associated to the efficiency of the equipment's maintenance and integrity.

MAINTENANCE/REPAIRS/STORAGE

- a) Before each use, the user must read, understand and follow the manufacturer's Instruction and Safety Manual. Ensure that markings are visible at all times.
- b) Before each use, inspect carefully the **XTIRPA™** System as well as all its components and parts. Any faulty part or component could lead to serious injury or even death.
- c) The ANSI, OSHA and CSA standards require a regular inspection program for any entrance/recuperation equipment in closed space, as well as keeping the documented results of these inspections up to date. Use the maintenance and inspection sheets included in this Instruction and Safety Manual to document your results.
- d) It is recommended to mark the next or latest inspection date on the anchoring device.
- e) Decommission the **XTIRPA™** System if a problem, a non secure or faulty condition is discovered during the inspection. Return to an authorized service center or to the manufacturer for repair.
- f) The replacement of components and parts, as well as any additional service and repair must be performed by an authorized service center that was approved by the manufacturer or by the manufacturer himself.
- g) If the adjustable supporting legs of the expandable coupling system for **XTIRPA™** vehicles and counterbalanced forklifts do not move freely, you must lubricate them with a light machine oil.
- h) Establish a yearly inspection procedure which will be performed by a competent person (someone who is familiar with, was trained and has read and understood this Instruction and Safety Manual completely) other than the user.

CAUTION: a periodic exam must be performed at least once every twelve months.
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- i) Clean the **XTIRPA™** System periodically with water and a mild detergent. Clean labels when necessary.
- j) During the descent of removable systems, it is important to place them softly on the ground in order to avoid not to damage the components.
- k) Store the **XTIRPA™** System in a dry and clean area, protected from direct sunlight. Avoid places with fumes, chemical or toxic substances or environments. Do not immerse or leave in direct contact with water since this could lead to corrosion and rust. Inspect the **XTIRPA™** System after every prolonged storage period and at least once a month.
- l) The **XTIRPA™** System was engineered to last more than 10 years in continuous service. However the service life of **XTIRPA™** System, and of its components, will be determined following the conclusions of periodic and monthly verifications which determine if the product shall remain in service or not until the system's decommissioning.
- m) Each component of the **XTIRPA™** System should be stored in an individual bag to facilitate transport and handling.

WARRANTY

The **XTIRPA™** System, offered by the PSP INNOVA INC. Manufacturer, is warranted against all defects in material and labor for a (2) two-year period from the date of purchase, this warranty does not protect the **XTIRPA™** System's initial buyer. The Manufacturer will promptly repair or replace all the components or parts that he deemed faulty, the Manufacturer reserves the right to ask for the allegedly faulty part to be return to his factory, before performing any repair or replacement.

Only the components and parts that were deemed faulty by the Manufacturer, at his sole discretion and following any required inspection performed by the Manufacturer, will either be repaired or replaced by the Manufacturer, whichever he chooses to perform.

Any claim must be sent in writing to the Manufacturer immediately after the owner discovered the problem and must be accompanied by a copy of the initial buyer's proof of purchase. The Manufacturer will issue a complain number and will provide specific instructions related to the complains procedures and the return of the faulty part that will have to be followed, if required by the Manufacturer. The owner will be collaborate with the Manufacturer and his representatives in order to allow for the inspection of every part allegedly faulty. All the incurred transport costs associated to the return of the faulty components and parts to the Manufacturer's factory must be paid by the owner, as the transport fees to associated to the return of the replacement components and parts will be covered by the Manufacturer.

This warranty does not cover any damage to the equipment resulting from any cause other than a defect in manufacturing and labor, including without limitation, any damage resulting from any abuse, lack of maintenance, inadequate handling or storage, intentional damage, vandalism, accidental damage or damage resulting from an impact or a collision, damage during transport, damage caused by fire, by an explosion, by vapors, chemical, toxic or corrosive substances or environments, water, normal corrosion and rust, storms, hail and any act of God, war, insurrection, terrorist act or any other damage beyond the reasonable control of the Manufacturer. This warranty only applies to the initial buyer and is the only applicable warranty of the **XTIRPA™** System instead of any other warranty, either express or implied. Without limiting the generality of the foregoing, the Manufacturer will not be responsible for any costs, damages or claims, including any special, accidental, indirect, or consequential damages, including but not limited to any loss of revenue or anticipated profits, business interruption, personal injury, failure to comply with any obligation, done in good faith or any neglect or default in good faith, any financial loss or any other loss, arising from or related in any way to the use or impossibility to use the **XTIRPA™** System, even in case of a fault, of a wrongdoing (including negligence), of a strict liability, of a breach or contract or breach of warranty, and even if the Manufacturer was informed of the possibility of such damages. The Manufacturer declines any other warranty and condition, either express, implied or statutory, including, but not limited to, any warranty or condition of merchantability, fitness for particular use or application and for lack of negligence or professional diligence.

IMPORTANT: The buyer must imperatively complete and return the limited warranty's record sheet for each product.

DESCRIPTION OF THE XTIRPA™ SYSTEM

CAUTION

The XTIRPA™ System is part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The XTIRPA™ System was engineered to act as a supporting or anchoring structure for these uses. The user must read, understand and respect the manual's instructions for each of the entire XTIRPA™ system's components and parts. These instructions must be communicated to the XTIRPA™ System user. The manufacturer's instructions must be followed to ensure the appropriate use and maintenance of this product. Any modification or misuse of the XTIRPA™ System or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA™ System waiving any arising claim, right and remedy against the manufacturer.

DESCRIPTIONS

(See illustrations on the next page)

EXTENDABLE DAVIT ARM 762MM-1219MM (30" - 48"): IN-2237 (see illustration 1)

MAST FOR DAVIT ARM 30" TO 48" 500MM (19.7) HIGH: IN-2426 (see illustration 2)

102MM (4") MAST FOR DAVIT-ARM IN-2237 1067MM (42") HEIGHT: IN-2240 (see illustration 3)

102MM (4") MAST FOR DAVIT-ARM IN-2237 1524MM (60") HEIGHT: IN-2313 (see illustration 4)

102MM (4") AJUSTABLE WALL ADAPTER 254MM À 432MM (10"-17"): IN-2380 (see illustration 5)

REMOVABLE WINCH ADAPTER FOR DAVIT ARM IN-2237: A2237-06 (see illustration 6).

EXPANDABLE DAVIT ARM SYSTEM 762 MM - 1219 MM (30" - 48") XTIRPA REMOVABLE ADAPTOR FOR PPE: IN-8015 (see illustration 7).

Illustration 1: IN-2237



Illustration 2: IN-2426



Illustration 3: IN-2240

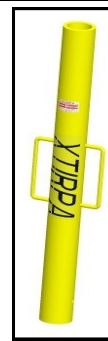


Illustration 4: IN-2313

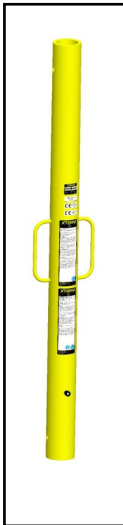


Illustration 5: IN-2380

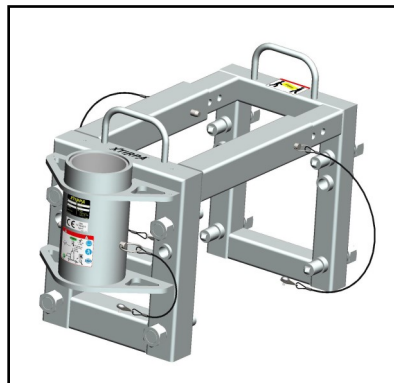


Illustration 6: A2237-06

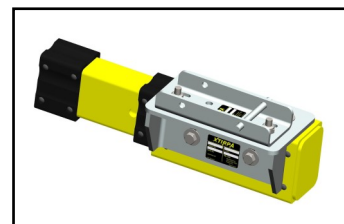
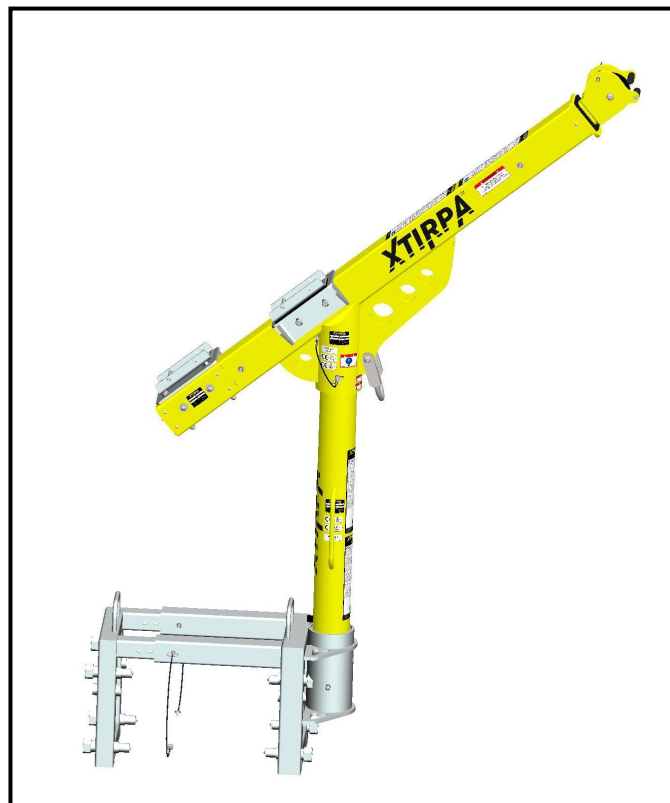


Illustration 7: IN-8015





Extendable davit arm 762mm-1219mm (30" - 48") with the support amovible pour treuil de potence IN-2237



MAST IN-2240 or IN-2313 or IN-2426



102mm (4") Ajustable wall adapter 254mm à 432mm (10"-17")



CAUTION: The **XTIRPA™** System is part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The **XTIRPA™** System was engineered to act as a supporting or anchoring structure for these uses. The user must read, understand and respect the manual's instructions.

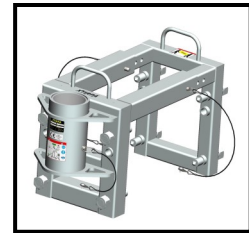
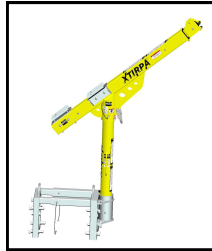
CAUTION: These instructions must be communicated to the **XTIRPA™** System user. The manufacturer's instructions must be followed to ensure the appropriate use and maintenance of these products. Any modification or misuse of the **XTIRPA™** System or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the **XTIRPA™** System waiving any arising claim, right and remedy against the manufacturer.

IMPORTANT : If you have questions related to the use, maintenance or adequacy of the **XTIRPA™** System for your application, please contact the PSP INNOVA INC. Manufacturer.

IMPORTANT : Enter the product's ID number indicated on the ID label on the maintenance of the **XTIRPA™** System and inspection sheet contained in this Instruction and Safety Manual.

SYSTEM'S OPERATION AND USE Davit arm with mast and barrel adaptor

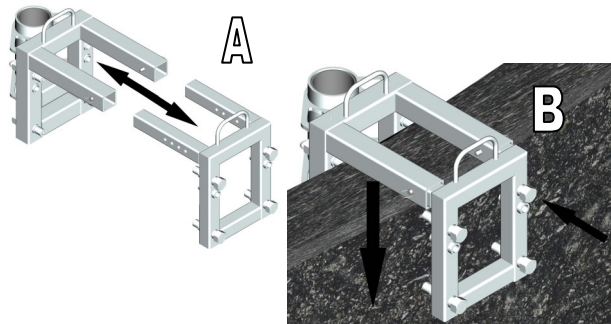
1. Ensure that all components and parts are in perfect operating condition and that everything works properly.



2.

A. Remove the retention pins. Adjust both parts of the adaptor to get a distance that is barely greater than the low wall on which it is installed. Replace the retention pins making sure that the marble is visible from the other side.

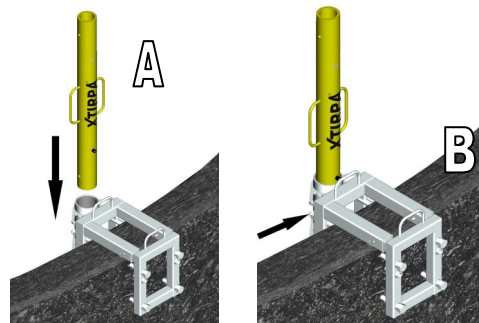
B. Install the adaptor onto the low wall and tighten the 8 bolts so that they all come into contact with the low wall.



3.

A. Insert the mast into the adjustable wall adaptor's receptacle.

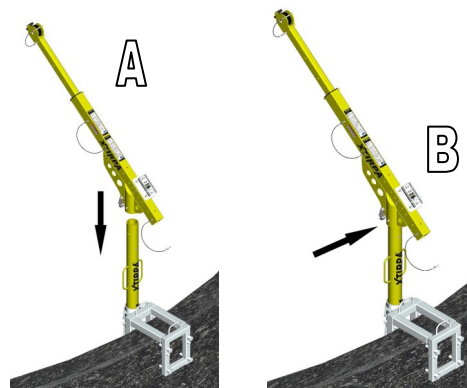
B. Lock using the pin.



4.

A. Install the davit arm's receptacle on the mast.

B. Lock using the pin.



6. Install the lifeline or winch onto the davit arm support designed to receive this type of equipment. Use the locking pin provided along with the lifeline or winch support and lock with the latter.



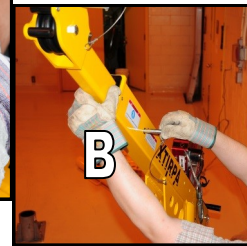
7.

- A. Remove the retaining pin. Pass the cable or lifeline or winch cord through one of the pulleys located at the end of the davit arm. Ensure that the cable or cord was passed through safely and is firmly in place.
B. Replace the retaining pin.



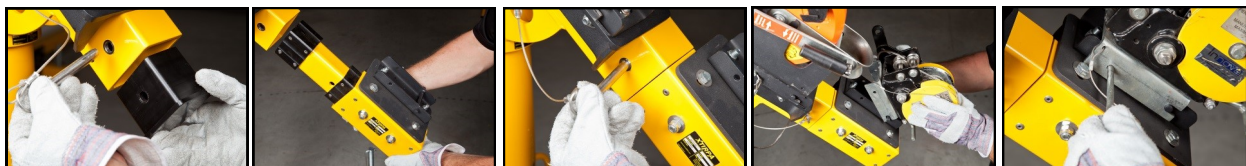
8.

- A. Remove the locking pin from its location at the center of the davit arm.
B. Extend the davit arm to the desired length and lock using the pin.



IMPORTANT: In the event that a handling/positioning winch is required, this option is offered to you with the addition of an adaptor located at the bottom of the davit arm. Steps 6-7-8 to install the lifeline/winches will have to be repeated. If you have questions related to the use, maintenance or adequacy of the XTIRPA™ System for your application, please contact the PSP INNOVA INC. Manufacturer.

To install a second handling winch or lifeline, follow the following steps using the removable bracket for the A2237-06 handling winch



CAUTION: It should be noted that only the plates, supports and adaptors that were certified, approved and recommended by the manufacturer can be used.

IMPORTANT: If necessary, use a safety guard to secure the work space to avoid any falls.

IMPORTANT: Ensure that the cable or lifeline is directly placed above the working area. Only use cables or lifelines that are certified and in perfect functioning state, with the appropriate specifications, including the maximum lifting capacities for the **XTIRPA™** System's intended use.

CAUTION: The **XTIRPA™** System must be placed on a hard and leveled surface. Do not use the **XTIRPA™** System on a soft ground, such as, but not limited to sand, grass, gravel and pebbles. If you have questions related to the use, maintenance or adequacy of the **XTIRPA™** System for your application, please contact the PSP INNOVA INC. Manufacturer

CAUTION: Any system must immediately be removed from circulation: if the security is questioned or if it was used to stop a fall. It is imperative to immediately stop using the system until a competent person authorizes in writing the product's integrity before it can be used again.

CAUTION: In the case of fall arrest systems and to ensure the user's safety, the anchoring device or anchorage point must always be placed correctly and the work must be performed in a way that reduces the risk of falls as well as the height of falls. The anchoring device or anchorage point must imperatively be placed above the user's position.

CAUTION: With the use of a fall arrest system and to ensure safety, please check the clearance below the user in the work place before every possible use, so that in case of a fall, no collision with the ground can occur and no obstacle can be found on the trajectory.

IMPORTANT: A certified fall arrest harness is the only body harness device that can be used in a fall arrest system.

IMPORTANT: The fall arrest harness must be fastened to the system's cable or lifeline by the fall arrest suspension point of the harness.

CAUTION: The instruction and safety manual must be followed to ensure the appropriate use and maintenance of this product. Any modification or misuse of the **XTIRPA™** System or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the **XTIRPA™** System waiving any arising claim, right and remedy against the manufacturer.

THE FOLLOWING INFORMATIVE AND SAFETY LABELS MUST BE CLEAN AND READABLE AT ALL TIMES

INSTRUCTION LABEL IN-2237

XTIRPA

IN-2237
Davit-Arm 30" to 48"

Specifications :

(CSA, ANSI, OSHA)
Maximum Working load
360lbs (164kg).

(CE)
EN 795 : 2012

Materials: Aluminum, Stainless Steel, Delrin™.

Standards : Meets ANSI Z359.1-07, OSHA 1910.66, CSA Z259.2.1-98, EN 795:2012

Inspection :

Before each use, inspect the XTIRPA™ System to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA™ system should be inspected by a competent person in accordance with the User's Instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center. Not user repairable.

Installation and use :

Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point and mast are in perfect working condition. Install the davit-arm completely over the mast and ensure that it is free to rotate. Install the mounting plates on the davit-arm at the desired locations (depending on the winch models). Mount the winches with their supports on the mounting plates and lock with pins. Pass the winch cables through the roller and fixed guides and over the pulley that are on the same side of the winch. Adjust as needed the roller guide assembly to obtain a minimum winch cable deflection.

It is very important that the winch cables are free to slide through the guides and that there is no pinch points.

Warnings :

For all other mast applications, consult Manufacturer or Distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which Manufacturer and Distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA™ System waiving all claims, rights and recourses against Manufacturer and Distributor derived there from.



1 MAX

Products Manufactured By:
Innova Public Utility Products Inc.
1040 Boul. Industriel, Granby, QC, Canada
J2J 1A4 www.xtirpa.com

S2237-002 RevF

Made in Canada

INSTRUCTION LABEL IN-2240

XTIRPA

IN-2240
Mast

Specifications :

(CSA, ANSI, OSHA)
Maximum Working load
360lbs (164kg).

(CE)
EN 795 : 2012

Materials: Aluminum, Stainless Steel

Standards : Meets ANSI Z359.1-07, OSHA 1910.66, CSA Z259.2.1-98, EN 795:2012

Inspection :

Before each use, inspect the XTIRPA™ System to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA™ system should be inspected by a competent person in accordance with the User's Instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center. Not user repairable.

Installation and use :

Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Remove retaining pin of the anchor adaptor, mast extension or/and approved and certified fixed or mobile adapter. Proceed to install base of mast into desired receptacle and lock system using the retaining pin at all times.

Warnings :

For all other mast applications, consult Manufacturer or Distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which Manufacturer and Distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA™ system waiving all claims, rights and recourses against Manufacturer and Distributor derived therefrom.



1 MAX

Products Manufactured By:
Produits de Services Publics Innova Inc.
1040 Boul. Industriel, Granby, QC, Canada
J2J 1A4 www.xtirpa.com

S2240-002 RevG

Made in Canada

INSTRUCTION LABEL IN-2313

XTIRPA

IN-2313
Mast

Specifications :

(CSA, ANSI, OSHA)
Maximum Working load
360lbs (164kg).

(CE)
EN 795 : 2012

Materials: Aluminum, Stainless Steel.

Standards : Meets ANSI Z359.1-07, OSHA 1910.66, CSA Z259.2.1-98, EN 795:2012

Inspection :

Before each use, inspect the XTIRPA™ System to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA™ system should be inspected by a competent person in accordance with the User's Instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center. Not user repairable.

Installation and use :

Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Remove retaining pin of the anchor adaptor, mast extension or/and approved and certified fixed or mobile adapter. Proceed to install base of mast into desired receptacle and lock system using the retaining pin at all times.

Warnings :

For all other mast applications, consult Manufacturer or Distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which Manufacturer and Distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA™ System waiving all claims, rights and recourses against Manufacturer and Distributor derived there from.

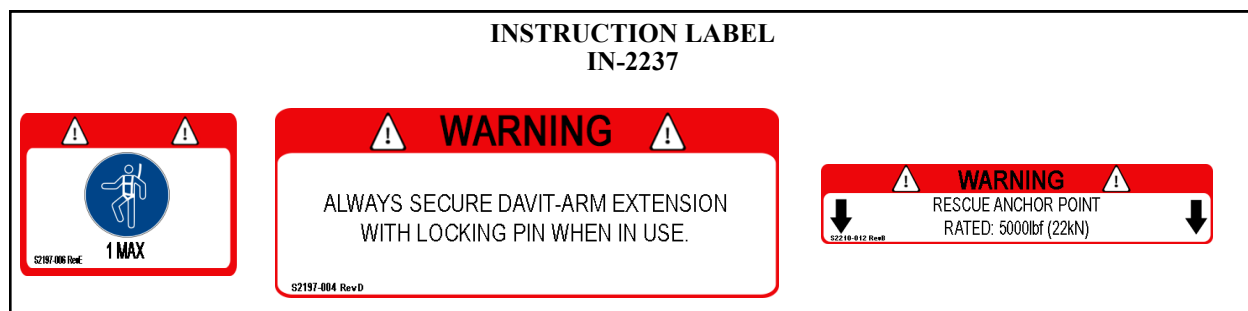
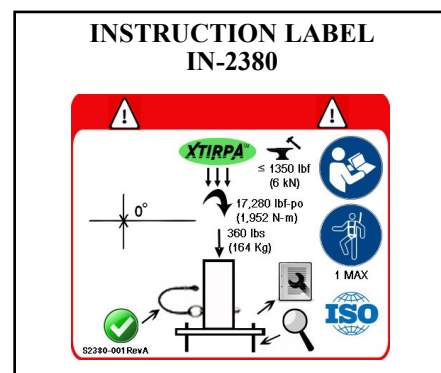
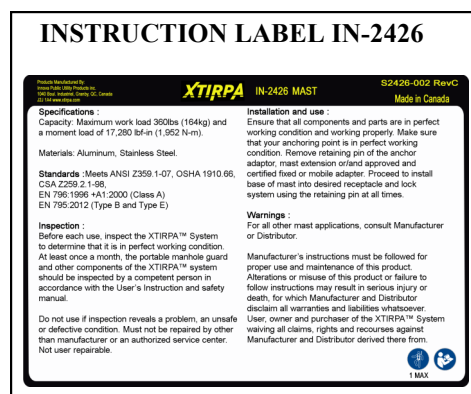
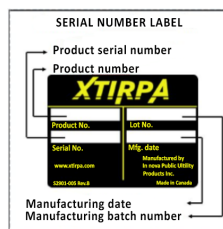


1 MAX

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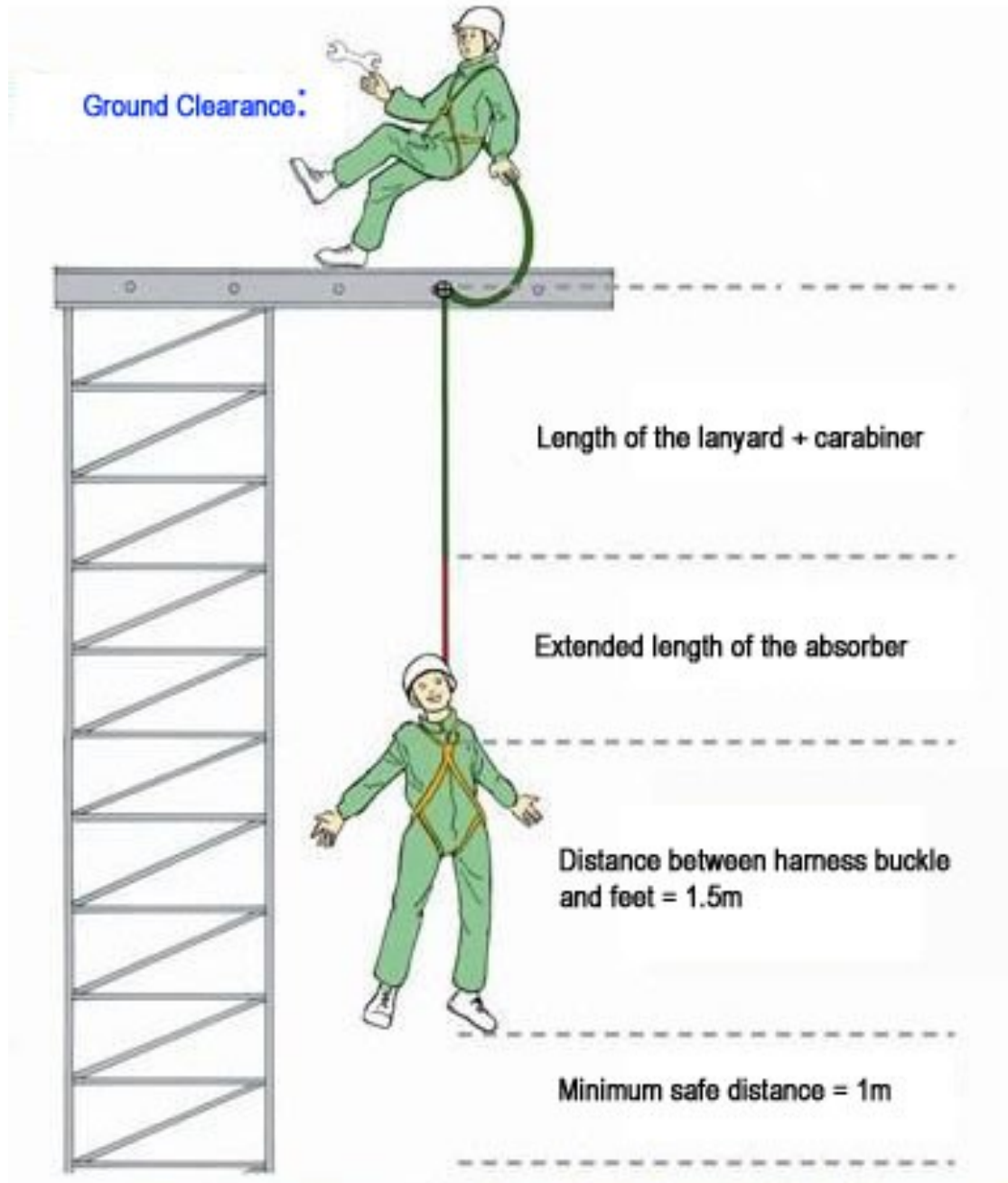
S2313-002 RevE

Made in Canada



-8-

Calculation diagram



Pay attention to the distance to the ground!



Registration Limited Warranty Form



This warranty applies only to the original purchaser and is the only one applicable to the Xtirpa System, and is in lieu of all other warranties, expressed or implied. The purchaser has to complete and return to INNOVA Public Utility Products Inc., all information within thirty days of purchase. Otherwise limited warranty will be void, if the product is not registered.

Register Now: Mail or fax this registration form or visit our web site and register online.

Mail: INNOVA Public Utility Products Inc., 1040, boul. Industriel, Granby J2J 1A4

Fax: (450) 372-9936

Web site: WWW.XTIRPA.COM

XTIRPA PRODUCT

Model number: _____

Serial number: _____

Purchasing Date: _____

Manufacturing Date: _____

CUSTOMER / USER INFORMATION

Company: _____

Phone: _____

Street Address: _____

Fax: _____

City: _____

E-Mail: _____

State: _____

Zip: _____

Name: _____

Position: _____

Do you wish to be on Innova's mailing list

for new product literature:

Yes ☐

No ☐

*Any failure to follow the Manufacturer's instructions contained in the Instruction and safety manual, including with regard to the inspection and maintenance of the XTIRPA TM system and of components and parts thereof, will cause warranty to become null and void and may result in serious injury or death of the user, for which the Manufacturer declines all warranties and liabilities whatsoever, user, owner and purchaser of the XTIRPA TM system, waiving all claims, rights and recourses against Manufacturer and derived there from.

Manufactured by: INNOVA Public Utility Products Inc.

1040 boul. Industriel, Granby, Québec, Canada J2J 1A4 Tél: (450) 777-1240 Fax: (450) 372-9936

PRODUCT: _____

Purchasing Date: _____

Model number: _____
Serial number: _____
Manufacturing Date: _____

inspection: _____ Date of 1st use: _____

[illegible]

COMMENTS:

Any failure to follow the Manufacturer's instructions contained in the Instruction and safety manual, including with regard to the inspection and maintenance of the XTIRPA™ system and of components and parts thereof, will cause warranty to become null and void and may result in serious injury or death of the user, for which the Manufacturer disclaims all warranties and liabilities whatsoever, user, owner and purchaser of the XTIRPA™ system waiving all claims, rights and recourses against Manufacturer and derived there from.

Manufactured by: INNOVA Public Utility Products Inc.

1040 boul. Industriel, Granby, Québec, Canada J2J 1A4 Tél: (450) 777-1240 Fax: (450) 372-9936