

Manual:

MSDS:

Battery Travel Specs:



Manual And Information Guide

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BEFORE YOU BEGIN:

WinchRite™ is designed to operate the winches of a sailboat in normal cruising conditions. It is not designed to eliminate an on-board manual winch handle. A manual winch handle should always be available to operate your winches.

WinchRite™ should never be used to haul a person up a mast. It is our opinion that any mast climbing is a very dangerous undertaking and should only be performed by a professional experienced rigging service. Serious injury or death can occur if mast hauling is not performed properly.

A WinchRite™ is not approved for hauling a person up a mast.

WinchRite™ should only be used by crew knowledgeable in sailing techniques and familiar with the boat and rigging that it is intended to be used upon.

WinchRite™ will allow you to rotate winches in both directions. This allows for the use of, and proper operation of two speed winches as designed. Self-tailing winches are highly recommended as the best way to utilize the operation of a WinchRite™.

WinchRite™ will allow you to pull, or haul sails up the mast and pull or haul-out sails that are furled.

Variable speed of the device will allow some degree of trimming of the sails. A standard winch handle may be needed for the fine tweaking or trimming of sails. In the event of tacking or furling a head sail, come out the wind to decrease the load in the sail to be handled.

WinchRite™ was designed to perform the heavy or tedious bulk task of hauling or pulling sail lines.

This device was inspired by the cruising community so that one may truly enjoy the cruising sailboat experience. It was not designed for racing and may not conform to some racing rules set forth.

WinchRite™ has a rugged lighter-weight design, caution should be used when handling the device to prevent damage from dropping or impact.

SAILING SAFETY TIPS-SOME A,B,C's:

Sailing carries a degree of unpredictability due to sudden changes which occur on the water beyond a sailor's control. It may be very easy to injure your extremities such as hands and fingers when sailing. Additionally, sailboats are fastened with a large amount of equipment, such as winches, hooks, cleats and other devices that are necessary for sailing. All of this equipment may become hazardous at any given moment. A sudden wind gust, a wave or wakes can make this equipment an instant threat to your hands and fingers if they are in the wrong place at the wrong time. Below are some safety tips to help keep your hands and fingers in their rightful place.

A-lways pay attention! Be aware of what is always happening around you. Sudden wind shifts, waves and wakes from other boats can result in attitude changes of your vessel. The more prepared you are for these types of changes, the better you will respond to them as they occur.

B-efore you grab look! Know where you're reaching and what you are grabbing. Know which parts of the boat are stable and safe to grab onto. Many hand and finger sailing injuries are a result of slips and falls, as someone loses their balance or their grip. Sailboats have many hazards inherent to the hardware; the important thing is identifying the safe grab areas before you need to know they're there.

C-aution should always be used! The use of sailing gloves is recommended and can be found in many sizes with full or partial hand and finger coverage. While sailing gloves cannot fully prevent the risk of a hand or finger injury, they do provide a degree of protection. In addition, they enhance your gripping, which helps with grasping wet surfaces or while making adjustments to rigging lines quickly and firmly. This can lower the chances of a painful rope-burn or a loose line on deck resulting in a hazardous trip and fall conditions.

STANDARD OPERATING PROCEDURES

Preparing the WinchRite™ and your rigging for use:

Fully charge your WinchRite™ battery utilizing the charger provided with this product. (USE ONLY THE APPROVED CHARGER) A red indicator led will appear during charging and turn green when charging is completed. Initial first charging should be a very short time frame as all WinchRite™ units are tested and charged prior to shipping / delivery.

After charging has been completed install the provided specialty winch cog socket to the 10mm square drive area of the device. You are now ready to use your new WinchRite™ Cordless Winch Handle.

Load your winch with the line to be pulled in the standard manner. We recommend you utilize a greater portion of the winch drum with at least three wraps.

Rig your lines ensuring they run straight from the blocks to your winch without rubbing against anything that could prevent operation and/or cause damage to the line and/or hardware. Ensure you have used proper lubrication for any slide tracks or blocks.

Run the length of your lines through your hands to guarantee they are free of any twists or knots.

Lay the line in the open palm of your hand and begin wrapping it in a clockwise motion around the spool of the winch until there is a minimum of three wraps.

Keep your hand above the winch as you wrap, taking care not to wrap the line around your hand or fingers. Hold the line taut and free of slack so that it lies on top of itself, snug to the winch. Verify there are no overlaps or knots in the line.

Place WinchRite™ on the winch ensuring the cog of the device is dropped into the cap stand socket. Initially, pull the trigger there will be a delay, then the unit will begin to rotate. At this point confirm you are driving the winch in the intended direction. Begin winch operation to achieve your intended result.

WinchRite™ is designed to pull away from your hand during operation as a safety precaution to prevent over-torque of the unit, you and your winch.

Please review our HOW-TO VIDEO at <https://www.winchrite.com> for additional insight on the product usage.

TECHNICAL SPECIFICATIONS

Functional Weight: 6.2lbs

Maximum Torque: 130+nm

Internal Motor: Brushless

Internal Lithium Ion Battery: 22.2v – 6.0ah

A/C Charger: 12v 3amp output BMS-STEP UP TO 22.2V

D/C Charger: 12v Inverter used with A/C Charger

Cog Rotation- Two Directional for Two Speed Winch: Dual-Reversible

Cog Rotation Speed: 0-130 RPM

Speed Control: Variable Trigger

Drive Cog Socket: Proprietary 10mm Square Drive / Stainless Steel

Total Length– Handle To Nose: 15.0”

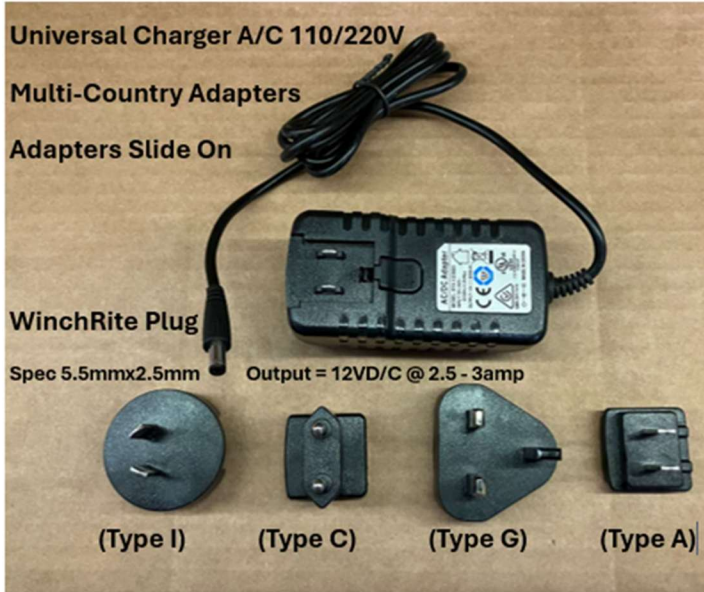
High Strength Plastic Alloy Housing: PC/ABS-Composite

Internal Planetary Drive: Metallic Gears

Non-Skid Surface: Rubber Molded



Additional A/C Charger Information:



(Type A) (US, Canada, Mexico, Japan)
(Type G) (GB, UK, Ireland)
(Type C) (Europe)
(Type I) (AUS, New Zealand)

Additional D/C Charger Information:

Inverter Usage



Additional Drive Socket Information



(Marked "STD" aka Standard)
(Can Be Used On All Winches)

(Marked "OS" aka Over Size)
(Lewmar Winches)

**When installing the cog sockets align the hole to the ball on the output drive.
This is the best practice to prevent the socket from separating the drive.**

**Note: The device has a soft start. It will not immediately begin to rotate when
the trigger is pulled.**

Please view the [HOW TO VIDEO](#) to gain additional insight on how to operate.

Air Line Flight Capacity Information



1500MAH @ 3.7V = 5.55 WH x 12

12 CELLS X 5.55WH = 66.6 TOTAL Watt-Hours



WARNING: Lithium-ion Batteries and/or products that contain Lithium-ion Batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. More information, visit www.P65Warnings.ca.gov.

WARRANTY INFORMATION

One Year Limited Warranty:

For a twelve (12) month period from date of purchase, subject to the terms and conditions herein after set forth, Sailology LLC reserves the right and option, at its sole discretion, to repair or replace defective equipment, parts or components.

This warranty does **not** apply to the following:

Defects or malfunctions resulting from failure to properly install or operate the unit in accordance with its standard operating procedures and normal sailing practices.

Defects or malfunctions resulting from abuse, accident or negligence.

Any unit which is used for purpose(s) other than for which it was designed and manufactured.

Any unit which is damaged by conditions classified as "Acts of God."

For any warranty service, use the online form located at link below:

<https://winchhandle.com>

Any unit to be serviced or replaced must be returned to Sailology LLC with freight prepaid. You will be instructed where to ship the device when contacting the company through the website.

Sailology LLC reserves the right to change or improve its products or any portion thereof without being obligated to provide such a change or improvement for units sold and/or shipped prior to same.

AFTER THE EXPIRATION OF THE TIME PERIOD OF THIS WARRANTY, THERE ARE NO WARRANTIES OF ANY KIND, INCLUDING THE IMPLIED

WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL SAILOLOGY LLC BE LIABLE OR RESPONSIBLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES RESULTING FROM OR RELATED IN ANY MANNER TO ANY SAILOLOGY LLC PRODUCT, PARTS OR SERVICE.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE FACE HEREOF UNLESS PURCHASED AS AN EXTENDED LENGTH OR REPLACEMENT AT THE TIME OF PURCHASE.