

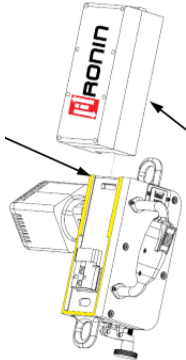
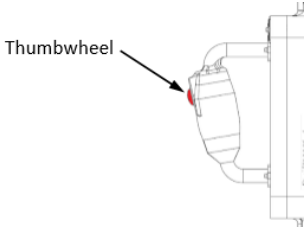
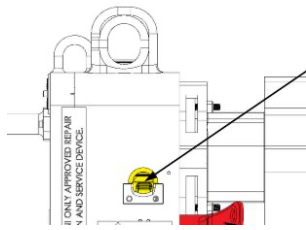
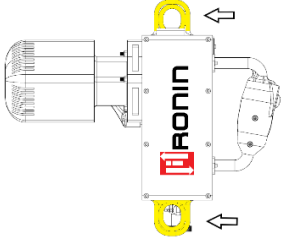
Ronin TL/STL User Checklist

PN: 1011-11/-14



Prior to use, please go through the equipment checklist below.

Equipment Inspection:

<p><input type="checkbox"/> Install the battery onto the Ronin TL/STL, by sliding down from the top of the Ronin. Be sure the battery is fully seated with the retaining clip being locked in place.</p> <p>Make sure the Battery Indicator is showing the current battery charge reading.</p> <p>(Note: The battery indicator light should be Green in color. If the light is Amber or Red, then charge the battery, before use.)</p>	
<p><input type="checkbox"/> Roll the thumbwheel down without squeezing the Deadman trigger. The motor should not turn on. Now squeeze the Deadman trigger and roll down the thumbwheel slowly.</p> <ul style="list-style-type: none">- Check that the motor increases speed, with full rotation of thumbwheel?- When thumbwheel is released, does it spring back to neutral and stop the motor? <p>(Note: If the Ronin fails any of the tests, then discontinue use of the Ronin and send in for service). Contact contact@roninascenders.com</p>	
<p><input type="checkbox"/> Inspect Cam Cinch (Brake) head by looking in the rope exit hole. Clean out any rope fibers stuck in the cinch teeth, using the AWL pick from your Ronin Kit.</p>	
<p><input type="checkbox"/> Inspect both the upper and lower carabiner clip attachment points on the Ronin housing. Ensure there are no cracks or deformation. (Note: Scratches and/or general wear & tear is acceptable).</p> <p>(Note: If either attachment point is deformed or cracked in anyway, then discontinue use immediately and send in for service. Contact contact@roninascenders.com</p>	

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Visually inspect the Ronin's entirety to ensure there is no major damage or deformation. (Note: Scratches and/or general wear & tear is acceptable).

(Note: If deformations or cracks are found, then discontinue use immediately and send in for service. Contact contact@roninascenders.com

Inspect rope prior to use and ensure rope is in acceptable climbing condition. Be sure the inner red wear indicator is not exposed at any part of the rope.

Be sure BOTH ends of your rope are properly burned with any tape or markers removed. No inner core should be exposed and BOTH rope tips should be coned.



(Note: Use your Perfect Burn Perfect Kit to prepare rope tips, if needed, see training videos: <https://roninpowerascender.com/training-videos/>).

Inspect all PPE (Personal Protective Equipment) before use.

After completing the Equipment Inspection, continue with the steps below.

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Rope Selection:

Below are the approved ropes to be used with the Ronin TL/STL.

1: Ronin HP Rope (MFG. Marlow) – 11.5 mm Dia.

(Note: Only use approved rope in your device. If there is a rope not on the list and you would like to have it tested to be added please contact info@roninascenders.com).

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Ronin TL/STL Rope Loading:


<p><input type="checkbox"/> Rotate the Red Tensioner Knob fully to the Left, until the lever arm is bottomed out on the main housing.</p>	A technical diagram of the Ronin device showing the red tensioner knob being rotated counter-clockwise. A yellow arrow indicates the direction of rotation. A warning label is visible on the device: "DO NOT OPEN ONLY APPROVED STATION CAN OPEN AND SERVICE DEVI".
<p><input type="checkbox"/> Insert the rope into the "Rope Inlet" hole. Push the rope into the rope inlet hole and TAP the thumbwheel. The rope should pull into the system.</p>	A technical diagram showing the rope being inserted into the "Rope Inlet" hole. A yellow arrow points to the thumbwheel, indicating it should be tapped. A warning label is visible: "WARNING! READ INSTRUCTIONS. ALWAYS USE A SECONDARY ROPE GRAB SYSTEM."
<p><input type="checkbox"/> Now pull open the brake slightly and slowly roll down the thumbwheel, until the rope comes out of the rope exit hole.</p> <p>(Note: Do not pull the brake fully open or this will activate reverse function. If this happens, then repeat the previous step).</p>	A technical diagram showing the brake being pulled open. A red arrow points to the brake lever, and a yellow arrow points to the thumbwheel. A warning label is visible: "WARNING! READ INSTRUCTIONS. ALWAYS USE A SECONDARY ROPE GRAB SYSTEM."
<p><input type="checkbox"/> Once rope has fed out the exit hole, turn the Red Tensioner Knob to the Right, 3 hand turns, before ascending.</p> <p>(Note: Rope is dynamic and changes under use, becoming wet, cold conditions, etc. The Ronin device is a no slip, self-tailing device. If there is any slippage of the rope immediately stop and turn the tensioner knob 1 to 2 hand turns to the right).</p>	A technical diagram showing the red tensioner knob being rotated clockwise. A yellow arrow indicates the direction of rotation. A warning label is visible: "DO NOT OPEN ONLY APPROVED STATION CAN OPEN AND SERVICE DEVI".

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Ronin TL/STL Ascending:

<input type="checkbox"/> Ensure all personal protective equipment is inspected and in place prior to ascending with the Ronin TL/STL.	
<input type="checkbox"/> Ensure you are using a secondary rope grab system as a backup, with a second independent rope.	 A photograph of a secondary rope grab system, which is an orange and black device with a carabiner and a rope.
<input type="checkbox"/> Attach your harness to the lower attachment point on the Ronin housing, with a load rated carabiner.	
Roll down the thumbwheel slowly and remove the slack from the climbing line.	
Now sit down into your harness and hang from the Ronin. Ensure that your brake is holding you in place and is not slipping.	
<input type="checkbox"/> Rotate the thumbwheel down and ascend approx. 10ft, then stop.	
Make sure the system is not slipping on the rope.	
The Ronin is a no slip system, so if the system starts to slip on the rope, then stop immediately. Turn the Red Tensioner Knob 1 to 2 hand turns to the Right, until the system no longer slips and continue your ascent.	
(Note: Rope is dynamic and changes under use, becoming wet, cold conditions, etc. The Ronin device is a no slip, self-tailing device. If there is any slippage of the rope immediately stop and turn the tensioner knob 1 to 2 hand turns to the right).	

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Ronin TL/STL Descending:

To descend...

Method 1: Reach your left hand around the back of the Ronin device and grab the brake handle. Grab the tailing line with your right hand and pull down **HARD** pulling/putting the rope with your right hand under your butt for additional leverage. Now **FORCEFULLY** pull down the brake with your left hand. While holding the brake open control your descent speed by tailing the output line with your right hand letting it slide through as you descend.

Method 2: Reach your left hand around the back of the Ronin device and grab the brake handle letting the weight of your arm pull down on the handle. With your right hand **TAP** the thumbwheel (**This is dislodging the brake wedge**) and hold the brake fully open with your left hand. Now transfer your right hand to the output tailing line holding the rope under your butt and away from the inlet hole of the device. Pull down on the output line under your butt to control your descent speed, slow and/or stop.

Method 3: Using a carabiner attached to the side of your harness on a load rated “D” ring, route the output tailing line through the carabiner. Reach your left hand around the back of the Ronin device and grab the brake handle letting the weight of your arm pull down on the handle. Pulling the rope tight in your left hand, simultaneously, grab the handle. With your right hand **TAP** the thumbwheel (**This is dislodging the brake wedge**) and let go of the handle while still holding the rope in your right hand. Pull up on the output line with your right hand while holding the brake fully open with your left hand to control your descent speed, slow and/or stop

(Note: If you do not descend or descend very slowly, this is due to over tensioning the system for more weight than you are lifting. Slowly turn the Red Tensioner Knob to the Left, while holding the brake open, until you start to descend. Then repeat this step.)

Pro Tip – Before descending you can TAP the thumbwheel with your right hand, while still holding the tailing line and simultaneously pull down on the brake handle with your left hand. Much less force is needed to open the brake with this method.

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Removing Rope from the Ronin:

Hold the brake fully open (Down) and roll down on the thumbwheel. Holding the brake fully open puts the motor into reverse and the rope will start to eject from the system. Once the rope end reaches the end of the housing and stops ejecting out, then release the thumbwheel and pull rope out by hand. (Note: You must hold the brake completely open, or the Ronin will not stay in Reverse).

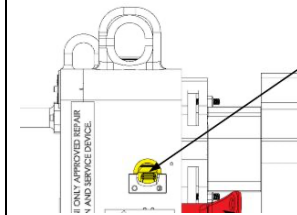
After use, please follow the storage checklist.

Equipment Storage:

Remove the battery by pulling back on the top attachment clip with your left hand, while simultaneously pulling up on the bottom of the battery with your right hand. **(Note: You never want to store the Ronin with the battery connected).**

Charge the battery, if necessary **(Be sure to remove the battery from the Ronin, before charging).**

Inspect Cam Cinch (Brake) head by looking in the rope exit hole. Clean out any rope fibers stuck in the cinch teeth, using the AWL pick from your Ronin Kit.



Store your Ronin with all accessories into the Ronin hard case.

