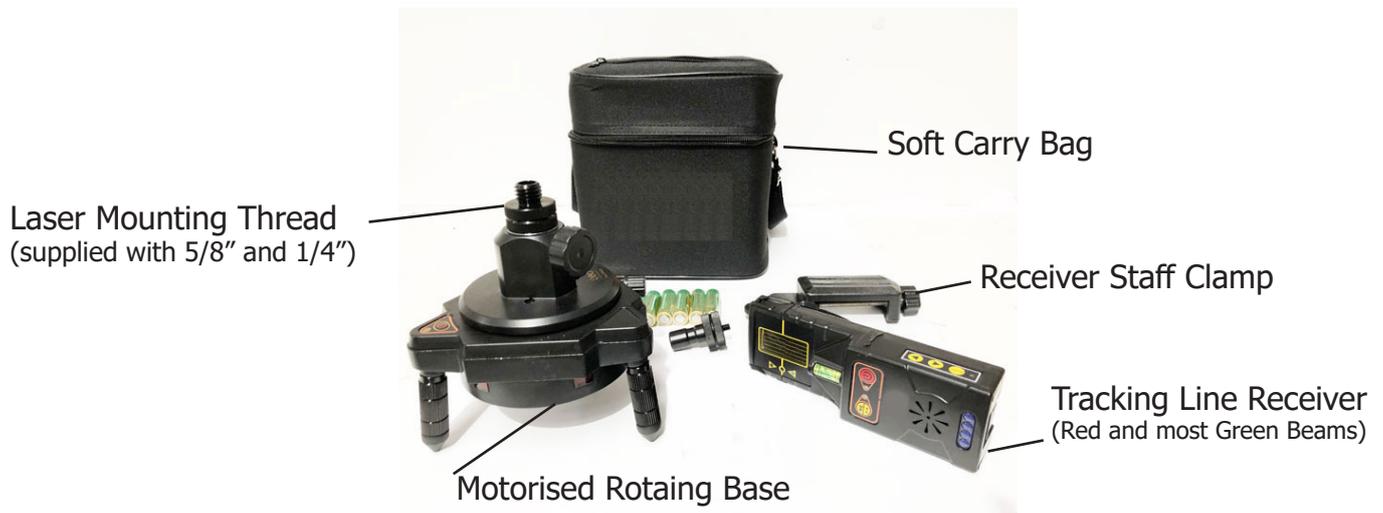


AT1 Auto Track Base Instruction Manual

The AT1 Auto Tracking Motorised Base and Tracking Receiver is designed to make site alignment and squaring a snap. The base will operate with any red line laser with pulse mode and most green line lasers also with pulse mode. The AT1 comes with two screw fittings to suit any laser with a standard 5/8" survey thread or 1/4" camera thread. The base is powered by 4x "AA" batteries and the receiver is powered by 3x "AA" batteries.



Operation

First insert batteries in both the motorised base and receiver. Next determine which thread fits the laser you are using and screw it into the base of the laser. The laser can now be mounted onto the motorised base and the locking nut tightened.

The motorised base is powered up by pressing the power button on one of its corners and the red LED should indicate it is powered up. Next power up the required vertical laser lines on your laser as per the instructions for your laser. Also put your laser into outdoor pulse mode.

Next power up the tracking receiver by pressing the red power button on the receiver. The receiver will now operate like a standard line receiver picking up both the horizontal line when up right and vertical lines when the receiver is placed on its side. For vertical auto alignment whilst using the rotating base the receiver needs to be on its side.

To activate the tracking feature on the receiver press the "AUTO" button on the side of the receiver the LED next to it should light up. If the LED does not illuminate when you press it then make sure that the tracking control panel is upright and try again. To start the tracking feature press either of the arrow buttons and the rotation base will begin to rotate.

As one of the vertical laser lines on your laser level passes the receiver's sensor the receiver will begin beeping and the rotation base will either slowdown, stop or change rotation direction. Over a number of seconds the base will align up with the receiver and lock on this will be indicated by the receiver having a solid tone followed by a double beep before returning to the solid tone again. Once locked on, the receiver can be picked up and moved around your site for alignment or squaring. Note to be able to square your laser you will require at least two vertical lines at 90 degrees to each other.

The receiver comes with a staff clamp for horizontal use for levelling which is used in conjunction with a levelling staff much the same way as using a rotating laser with a rotating receiver. The receiver also features a button for turning off the sound this is toggle with a long press of that button (2 second hold). This same button when pressed with a short press toggles through fine and coarse sensitivity on level, this is indicated by a green LED.

Specifications. The range of the pick up of the receiver with the laser depends on the specifications of the laser itself. the range for communication between the receiver and motorised base is up to 15m depending on environmental conditions. Note both the laser pickup and infra red communication need line of site to the base/laser level. Warranty is Two Years.



Warranty Information – CMI Industries Pty Ltd The Principles behind our warranty.

- Duration of warranty is fixed and automatic, when we advertise 2 years on a particular model, its two years. No drop down to a lesser time if you forget to register, registration is NOT required just proof of purchase showing date. Please check your specific model for duration of warranty, see the end of this document.
- Although the duration of our warranties are for a particular period it does not mean we will charge you for a genuine warranty failure a month or two outside that warranty period, we believe in a fair go.
- Even though a product shows signs of accidental damage, scratches and the like, we will not automatically fail the warranty claim, if the fault is NOT caused by a drop or misuse and is a genuine warranty failure then we will cover it.
- Our aim is to return repaired or replaced products as soon as possible as we know that being without your tool can be inconvenient. Our goal is a 72 hour turnaround (3 working days) after receiving it. Sometimes, however, a product with an intermittent fault may need extended testing to make sure we have made a full repair.
- Calibration is not covered by warranty much the same as the wheel balance on your car is not covered by warranty.

Now The Details and Legals

CMI Industries Pty Ltd provides consumers with a warranty to our products, this is in addition to the requirements of any relevant legislation such as the Competition and Consumer Act 2010.

Definitions:

"CMI", "We" or "Our" refers to CMI Industries Pty Ltd (ABN 29 102 713 922) of Unit 2 181-183 Thompson Rd, Bell Park, Victoria 3215 ph 1800 769 858

"You" or "Consumer" refers to the initial purchaser of the product.

"Product" refers to goods manufactured by or for CMI Industries Pty Ltd under the brands of RedBack Lasers, Level1Laser and UniLevel and include Laser and Optical Levels, Measuring tools and accessories.

"Material" refers to material or component used in the construction and manufacture of the product.

"Workmanship" refers to handling, assembly and manufacturing processes done by or for CMI Industries Pty Ltd in order to manufacture the products.

"Warranty Period" varies depending on brand and model sold by CMI please see table at end for your products warranty period. Warranty period is from original purchase date only, no extension is made in the event of warranty replacement products being supplied or time spent being repaired.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. CMI warrants that our products will be free from defects in material and workmanship for the stated period for the product supplied (see "warranty period" following)

CMI promises to repair or replace, free of charge, the product or part of product if found to be faulty due to defective workmanship or materials within the duration of the warranty stated as long as the following terms and conditions are met;

- Product must not have been misused or abused, must not have incurred accidental damage or had un-authorized repair or tampering that has caused or contributed to its fault or failure.

- You must contact CMI by phone, mail or email immediately when a fault or defect has become apparent and within the warranty period.

- Product must be returned to store of purchase or directly to CMI, we will cover cost of postage only when sent by our reply paid Australia Post service (Australian Mainland and Tasmania only) details provided upon phone, post or email with us.

- CMI will cover cost of freight back of repaired or replaced product to original purchase store or you directly (depending on how it was sent Australian Mainland and Tasmania only).

- CMI will determine whether repair or replacement of product or part of product will be made on the merits of each case.

- Further exclusions in this warranty include damage or defect caused by use of non-original accessories or parts, damage in transportation, normal wear and tear, damage through moisture, damage due to electric surge, failure due to neglect or damaged caused by adjustments not outlined in CMI's instructions.

Subject to the requirements of all applicable Australian Acts or legislation and to the extent permitted by law, CMI accepts no liability (whether expressed or implied) of any nature whatsoever for any loss of earnings, hiring of replacement equipment, Inaccurate work carried out by the consumer or agent, damage or injury arising as a result of any fault in the product. It is the consumer's responsibility to maintain good working practices and regularly test their tools for accuracy and serviceability.

Calibration of the product is not covered by warranty subject to the requirement of all applicable Australian Acts or legislation and to the extent permitted by law.

Any product returned to CMI that fails to fall within the terms and conditions of this warranty will be quoted for repair.

All correspondence through the following channels; CMI Industries Pty Ltd, P.O. Box 7324 Geelong West, Vic 3218. Ph: 1800 769 858 email:via www.redbacklasers.com.au/contacts.html