



FX90G - Green FX90R - Red

Instruction Manual

The RedBack FX90R and FX90G are trade quality floor square lasers with 2 ultra bright floor lines at 90 degrees to each other ideal for all indoor flooring applications such as tiling.



Operation

The FX90R/G run on 3x "AA" Alkaline batteries which are inserted in the battery compartment located on the base of the laser. Be sure to insert the batteries in the direction indicated on the battery cover, never mix different types of batteries and never mix new with old. If you intend not to use the laser for some weeks please remove batteries to prevent leakage.

Both the FX90G and FX90R are class 3r laser beams providing maximum output, the green beam model (FX90G) generally being the most visible.

For maximum accuracy, level off the laser using the bubble vials and adjustment feet, note that the foot adjusts the vial nearest to it.

To power on simply press the power button, the laser beams will power up and the power LED will illuminate.

On the base of the FX90R/G are two tile guides, these help align the laser beam with the tile.

Trouble Shooting

When using the FX90R/G if you notice that the floor line is not continuous, in other words there are breaks in the laser line, this is NOT a fault with the laser rather an indication of the floor surface being unlevel. A rise in the floor will shadow an area behind the rise from the laser beam.

Warranty Information

The FX90R and FX90G come with a 2 year RedBack Warranty.

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.
- 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 48 hour turnaround (2 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, we do however offer a free re-calibration service during the period of warranty, conditions and details below.

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 8 Autumn St, Geelong West, Victoria 3218 ph (03) 5228 0777

"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 CMI Lasers 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" above)

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 above 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 details will be provided upon phone, post or email communications 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).
- 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 consumers 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, CMI does however offer a free re-calibration service (once within the period of the warranty) you are liable for the cost to send the product to us then we will recalibrate and return the product to you free of charge. Note this offer is invalid if the product shows signs of misuse or accidental damage that has caused it to go out of calibration.

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: (03) 5228 077 email:via www.cmiindustries.com.au/contacts.html

Specifications

Laser Visible Range:	FX90R up to 20m, FX90G up to 30m (light dependant)
Square Accuracy:	+/- 0.4mm/m
FX90R Laser Class:	3r 635nm <5mW
FX90G Laser Class:	3r 522nm <5mW
Power:	3x "AA" Alkaline Batteries
Levelling:	Manual
Temperature:	-10°C - +40°C
Weight:	0.3kg with Batteries

Max Output Power

<5mW @ 635-670nm

Laser Class 3R

DIN EN 60825-1:2003-10

Max Output Power

<5mW @ 522-542nm

Laser Class 3R

DIN EN 60825-1:2003-10

Do NOT stare into laser beam or aim at another person.

Follow relevant Australian Standards

www.redbacklasers.com.au