

PARD TA LRF

Thermal Handheld with Laser Rangefinder

Additional Manual

May 2023

Applies to AU & New Zealand Market

## Important

- This manual applies to all LRF models of the TA Series
- Never remove the battery while the unit is switched on, even in sleep mode as this may cause the device to fail to start up or function abnormally. You may need to reinstall the software to correct this
  - Ensure that the LED is NOT on before removing the battery
- Always remove the Battery from the device for charging and only use a quality charging device and batteries
  - These devices use 18650 FLAT TOP batteries (3.7v)
  - Remove the battery when the device is not being used (Storage)
- DO NOT power the unit from an external USB Battery source
- **Never point the device at strong sources of light, such as the sun, welding or a laser; damaged caused by such will void the warranty**

## Videos

We have made a series of videos on setting up the PARD

All our videos are taken in New Zealand, they show the real-world results that can be achieved with the PARD. Visit [pard.co.nz](http://pard.co.nz) and look for 'How to videos' under the Support Menu

## Support

If you have any questions or issues with your device, please contact us via the [pard.co.nz](http://pard.co.nz) website

Some variations may exist due to variations in the firmware

This manual is for New Zealand Only.

If you are after after hours support, please txt or email us as we do have families – it maybe a simple fix and we can reply quickly if available

## Warranty

In New Zealand this device is warranted against defects in materials and workmanship for a period of three years from the date of purchase

This applies to the original purchaser only

Do not attempt to disassemble the device by yourself. If there are any issues please contact us.

All damage caused by misuse or accidental damage, including use in abnormal working conditions, damage caused by failure to follow the instructions or damage by batteries is not covered by the warranty

## LRF Laser Rangefinder

### *Distance*

The distance that you can range is very much dependant on the conditions at the time – even big brand binoculars L or S etc who say their (Normal Binoculars) are rated to 3200 yards on highly reflective targets, very quickly point out that you are down to 2020 yards on trees and 1310 yards on game.

The TA32 is rated to 1000m on highly reflective targets

Factors that affect ranging colour, Angle to Lens, Large Size, Sunlight, Atmospheric Conditions, and the object itself

### *Noise*

You may hear a dit dit noise when the Laser Rangefinder is active – this only occurs when the LRF is on.

This is caused by the LRF unit inside the device and the body being lightweight and very compact – we don't have a large bump out the side interfering with the use and portability of the unit which allows for more space for shielding.

From the eye piece you can hardly hear it and the noise doesn't go very far either so its not going to disturb something.

The benefits of the small compact lightweight device with a LRF far outweigh this

ALL devices have been personally tested by us in New Zealand before they are sent out – the noise level isn't an issue to either its use or a warranty issue.

## LRF Aiming Box

*The LRF laser is fixed and cannot be moved – As thermal cannot see the laser the aiming box is calibrated by us to match the actual laser impact at 300m or so*

*There is always variation as the laser isn't exactly in the main thermal scope lens as it is offset*

*You can adjust it yourself*

*To do this you will need a device that can see the laser – say a PARD 008, DS35, 007 or a True Night Vision device*

*Aim the thermal LRF at a target at the range you want to calibrate it too.*

*The top of an obvious tree is a great choice*

*Hold it steady*

*Now look through the night vision device or have friend do this for you*

*Check if the aiming box (Thermal Scope) and the Laser itself (in the night vision scope) are pointing at the same place.*

*If it is not then this is how you move the aiming box*

1. Turn on LRF
2. Open Main Menu
3. LONG press of the + Button
4. Now you will see a X and Y
5. Use + and – with OK to move between them
6. It will just slowly move across with 1 press
7. Once happy – SHORT Press of the MENU button to save