



PARD 008 Plus / 008 Plus LRF

Product Manual



Updated November 2020

Applies to Australian supplied devices

Important

- This device contains a visible laser and a laser IR Emitter (the IR Light). Because of the potential risk to your eyes vision **DO NOT** look directly at either of these light sources, or point them towards other people, pets, and reflective objects.
- Keep the IR light away from flammable objects otherwise it may cause a fire.
- Turn off the IR light or use sleep mode when you are not actively using the device.
- **DO NOT** remove the battery while the unit is switched on, **even in sleep mode** as this may cause the device to fail or function abnormally.
This may require return of the unit for the software to be reinstalled by PARD Australia.
 - Ensure that the POWER ON/Sleep mode LED is not glowing 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.
 - Remove the battery when the device is not being used (storage).
- **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**

Mount Notes:

The mount is NOT designed as a Return to Zero / Quick Detach Mount

However, if you are careful, it is quite consistent – again this is NOT guaranteed and you should do some testing before shooting at animals.

The best way to be consistent with the mount is to:

1. Place it in the same place on the rail each time – mark it if needed.
2. Mount the scope on the rail.
3. Push the Mount tightly from the nut side on to the rail – this keeps the mount square against the rail.
4. While pushing, tighten each nut evenly to 15-inch pounds (in lbs).
5. Ensure you select the right profile Letter in the reticle setup.

Checkout our video on the Support – How To Videos - for how to tension the nut if you do not have a torque wrench.

Videos.

We have made a video of setting up the 008 Plus and 008 Plus LRF.

All our videos are recorded in Australia or New Zealand. They show the real time use and actual performance of the PARD device.

Visit pardaustralia.com.au to review the “How to videos” within the *Support* menu.

Support.

If you have any questions or issues with your device, please contact us via the pardaustralia.com.au website.

Some firmware variations may exist.

Warranty.

In Australia this device is warranted against defects in materials and workmanship for a period of two (2) 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 and environments; damage caused by failure to follow the instructions; or damage by batteries is not covered by the warranty.

Strelok Pro app.

This on-line ballistic calculator app may be of interest has at least 2 of the PARD reticles programmed into it.

Controls Overview.



Main Controls

1 – Zoom (Magnifying Glass).

Single Tap Controls the Zoom Control.

It's also the + Button for the Menus and Reticle Adjustment.

2 – Rangefinder (Flag) / OK

Single Tap to turn the Rangefinder on or off (**LRF Models only**).

LONG Press will start or stop the video recording (When ON it is displayed on the screen)

Is the OK / Enter button.

3 – IR Control

When in Night Mode – Single Tap to Cycle through the 3 power levels or to turn function off.

LONG Press to change the scope from Day to Night Mode.

4 – Menu (Laser)

Dependant on the Menu Settings:

Single Tap will activate the Laser or

PIP Mode (Recommended)

LONG Press opens the Menu.



Unit contents.

Included with the 008 Plus/008 Plus LRF:

- Standard PARD dedicated mount for Weaver or Picatinny rail.
- Allen Keys.
- Data Cable – Used to download the Micro SD Card
 - We recommend you remove the card to download video direct.
- 1 x PARD 18650 Battery.
- Shims.

Not Included

- Battery Charger or spare batteries.
- Micro SD card - max 128 GB, we recommend a quality brand 64 GB device be used.

Battery Installation.

This device uses a single 3.7v Lithium 18650 FLAT TOP rechargeable battery – please note the words FLAT TOP.

The Battery is inserted Positive first. Ensure that the cap is closed firmly.

NOTE

For first usage remove the battery and remove the protective tape that is installed over the positive terminal.

SD Card Installation.

If you wish to record video, insert a Micro SD card into the slot that is beneath the rubber cap.

Once you have installed the card you will need to FORMAT it via the menu.

Videos.

We have made a video to assist in the units' setup and zeroing – they can be found within the Support menu of the website pardaustalia.com.au

Setup Steps

1. Install the mount – ensure that you can rotate the focus wheel on the lens.
 - a. The screws are in the plastic bag and an Allen key is provided.
 - b. Ensure they are tightened.
2. Power on the unit.
3. Press the MENU button to display the menu.
4. Adjust the Dioptre wheel on the eye piece so you can read the text clearly.
5. Close the Menu.
6. Adjust the front lens focus to suit what you are looking at.
7. You are now ready to Zero your rifle.

Mount Notes:

The mount is **NOT** designed as a Return to Zero / Quick Detach Mount.

However if you are careful it is quite consistent – however this is **NOT** guaranteed and you should test fire to ensure accuracy and alignment.

The best way to be consistent with the mount is:

6. Place it in the same place on the rail each time – mark it if needed.
7. Mount the scope on the rail.
8. Push the mount tightly from the nut side on to the rail – this keeps the mount square against the rail.
9. While pushing the mount evenly tighten the nuts.
10. Ensure you select the right profile letter in the reticle setup.

Alternatively we have a Return to Zero/Quick Detach Mount available – contact us or your local dealer for details.

How to zero the 008 Plus/008 Plus LRF

We highly recommend that you watch the videos we have prepared.

*One key point to stress – all digital and thermal scopes are different to ‘day scopes’ – for these you **MOVE** the reticle **TO** the bullet hole – this is the opposite process to a ‘day scope’.*

To do this you need to use the Reticle Adjustment Menu.

1. Bore sight the rifle and scope – typically at 50m.
2. Access the Reticle Adjustment Menu
 - a. LONG press the Menu Button.

3. Select the profile letter you want to change; (use the +/- to change) Press OK.
 - a. If you are just changing profiles, press OK until you reach the end.
4. It will now be highlighting the X Setting.
5. Aim at the TARGET – fire 1 Shot – Can you see the bullet hole; if yes then -
6. Re-aim at the TARGET – HOLD the rifle steady – tap either the + or – button while keeping the rifle steady aiming at the TARGET.
The screen will now be “frozen”
7. Use the + and – buttons to move the reticle **TO** the bullet hole horizontally (X); once happy press the OK (MENU)
8. Use the + and – buttons to move the reticle **TO** the bullet hole vertically (Y); once happy press the OK (MENU)
The Screen will “un freeze” and move.
9. Fire a reference shot to check alignment.
10. If necessary repeat from Step 4 for any further corrections.
11. To Save – Press OK until the end of the menu – ensure that Y is displayed at the end.

Record the X and Y figures for future reference if scope is “reset”

What to do if your reticle is right at the bottom of the screen after zeroing

This is often the case if you are zeroing at very close range say 20-25m – if this is the range you are going to zero for, then you can make some adjustments – however if this is just a starting point; move on to the 50/100m before you consider doing anything.

The scope is setup to be more level at a distance and the angle at closer ranges is sometimes quite steep. Also ALL digital/thermals will show up a range of issues with rifles, receivers, rails, mounts etc that you often won't see with a 'day scope'. It's quite normal for it to be around the middle, but not perfect – you can make fine adjustments with shims if you want however

If your reticle is too far to the bottom; what you need to do is raise the back of the scope; so the camera is looking further downwards (watch the video for exactly what we mean) – so place 1 or 2 of the shims that are included in the box on the last screw or towards the back and try again until happy.

Watch our zeroing video so see a screen view of what you need to do – it explains it nicely

Functions

Powering up / Sleep Mode

A single long press of the power button (approx 1 second) will turn the device either ON or OFF.

A single quick tap of the power button will activate SLEEP MODE, another quick tap will re-activate the device.

You can verify that the device is in sleep mode by the glowing LED light – **DO NOT** remove the battery while it is in sleep mode.

Lens Focus

The front lens can be focused by rotating the focus ring, it is quite a short throw lens and is easy to adjust from the left side.

IR Torch

The 008 Plus/008 Plus LRF are equipped with a very powerful IR Torch.

Focus

The lens has a simple pull out for spot and push in for flood setting.

Power Levels

By pressing the IR Button you can cycle through the power levels, 1,2 and 3 and Off

Level 1 is the least powerful, level 3 is the most

NOTE – the IR Torch will only work in Night Mode

Day or Night Mode

You can change the mode from Colour (Day) to Night (Black/White) by a LONG PRESS of the IR BUTTON – an audible “click” is heard on selection.

Day mode works very well at dusk and dawn; as it gets darker change to Night mode for enhanced definition.

NOTE:

- During Day mode the IR torch is disabled.
- Default mode start up selection is adjustable within the Menu settings.

Digital Zoom

A tap of the Magnifying glass button activates the digital zoom – on the screen in the lower left you will see the 13x etc telling you what level of digital zoom you have set – the 008 only has 1 step, either 6.5x Optical (nothing displayed) or 13x which is the single digital zoom level.

If you have Picture in Picture (PIP) enabled,

- 1x – The main screen will be 6.5x as normal, PIP will be Zoomed to 13x.
- 13x – The main screen will be 13x and the PIP portion will be further zoomed to 20x.

PIP will be centred around your reticle:

PIP can be setup in 2 forms via the menu:

1. Always on.
2. Activated by tapping the laser button (Preferred) this however disables the laser.

Red Dot Laser

This can be activated by the upper positioned +/-Sun button.

This option is useful for:

- Visually indicating a target position.
- A quick offhand shot of a close target.

Adjust of the red dot point of aim is via the 2 x grub screws.

Recording video.

With a Micro SD card installed; a LONG press of the Centre OK button starts the recording function, a red flashing light and timer is displayed on the screen.

Press the OK button to stop recording.

WiFi link to App

To activate the WiFi:

- LONG press the lower positioned -/ WiFi button, WiFi Symbol on screen will go GREEN.
- Search with your device for **PARD**.
- Connect using the password - **12345678**
- Open via suitable app – we suggest - “DashCam Player”

Use the app to find the camera and commence streaming.

NOTE – WE DON'T PROVIDE ANY SUPPORT FOR THE APPS. Each phone is different and there can be a number of reasons for functioning issues with any app.

Rangefinder (LRF Models only)

A single tap of the Flag Button will activate the rangefinder – it is continuously scanning when active.

An aiming point will be displayed on the screen, this is NOT the same as your reticle centre.

Note – the rangefinder only functions with 1x zoom selected.

If you wish to move the LRF aiming box:

1. Find a suitable range: 25-50m and during Night or Low Light conditions:
2. Select Night Mode.
3. Turn on the LRF.
 - a. You should now see the flashing of the laser.
4. Open the Main Menu.
5. LONG Press of the + Button.
6. Use the + and – with OK to move between them.
7. Once happy – Short Press of the MENU Button to save.

The LRF measures the distance to the first reflection that it receives which is strong enough to allow it to calculate the range. This can cause ranging errors when the intended target has something that produces a stronger reflection.

Menu

To access the Menu – Long Press of the MENU (*) button

Controls

- + = Up
- - = Down
- OK = Enter or Save
- Menu – Exit

PIP – Picture in Picture

4 options are available within this menu:

1. PIP Off
2. PIP On (It will always display)
3. Shortcut Key Off
4. Shortcut Key On – Use the Laser Button to Activate it without using the menu
 - a. This is the preferred option
 - b. It does disable the laser

Reticle Adjustment

Access to the Zeroing Menu.

See above in the manual for details on how to zero your rifle

- To Move between the settings you tap the OK button (FLAG)
- To Alter a Setting you use the + or – Buttons
- LONG Press of OK (FLAG) to save the profile and exit

This menu Displays

1. 6.5 or 13x – the Zoom level you had selected already
2. Profile Letter – A,B,C etc – this is the Profile you are about to edit or have selected
 - a. To change a profile; simply change the Letter to the correct one then LONG Press of OK to save and Exit
 - b. Profiles can be for – Different rifles, Ammo or even zeros
3. X – the position horizontally of the reticle
4. Y – The position vertically of the reticle
5. Style – Changes the type of Reticle
6. Colour – Changes the Colour of the Reticle
7. Save – Should be Yes/Save to Save, or NO not to save

Always write your figures down in case they are ever lost

Gyroscope

This is for the side bars and compass

Display – Turns them off or on

Calibrate – if you need to calibrate the gyros, select this option while the scope is level and still – it will take 8-10 seconds to complete

NOTE: Compass function is not linked to GPS and as such should not be relied on to be accurate.

Default Magnification

This sets the start-up magnification of the 008P – either 6.5 or 13x

We would recommend you leave it at 6.5x

Colour

This will set the default start up mode for the 008P – either Colour (Day) or Black & White (Night).

As this is a night scope, generally you would set it to Night mode>

Brightness of IR

This will set the default start up IR Torch Level

Default is OFF, but you can select off, 1, 2 or 3.

NOTE – we RECOMMEND that you leave this set to OFF

Brightness

This is the brightness of the screen level, 0, 1, 2, 3 or 4.

Range Unit Selection (LRF units only)

You can select Metres or Yards.

Auto Recording

Turning this ON, will set the 008P to automatically record anytime it is turned on.

NOTE – we SUGGEST that you leave this set to OFF to increase battery life.

Loop Recording

This sets how long the 008P will record for.

OFF = It will continue to record

3, 5, 10 mins allocates the actual period it will record for.

NOTE – we RECOMMEND that you leave this set to OFF

Date Stamp

This will time and date stamp a recording; leave off to NOT show on the recording.

This only appears on recording.

This needs to be ON for the reticle to show via the recording.

Record Audio

Sets recording audio into the video.

NOTE – the microphone is internal, so it will not provide great audio; opening the circular cap can improve the sound.

Beep Sound

Disables or enables the beep when you press a key while recording and only functions within the video record function.

Wifi

Turns the Wifi on or off

NOTE – we RECOMMEND that you leave this set to OFF to conserve battery power.

NOTE – the Menu button will NOT work when the WiFi is selected.

Exposure

Four (4) options are available for the camera exposures – each will give different results depending on the amount of light available.

Default is 0

Language

The software has several languages available.

Date and Time

Used for time stamping the video.

Format

Formats the Micro SD card – this will erase any data on the card

- Select Memory Card
- DON'T FORMAT the internal memory

Default Setting

Resets everything back to factory default.

Version

Displays the Firmware Version Number.