ZEROTECH

ZEROTECH_INT_BINOCULARS
V5 · SEPTEMBER 2026

INSTRUCTION MANUAL

ZEROTECH BINOCULARS

VENGEANCE THRIVE THRIVE HD TRACE TRACE ADVANCED MARINE

'ANY OWNER, ANY PROBLEM, ALWAYS COVERED'

ANY OWNER ANY PROBLEM ALWAYS COVERED
LIFETIME WARRANTY



‘ANY OWNER, ANY PROBLEM, ALWAYS COVERED’

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WELCOME TO THE ZEROTECH BINOCULARS FAMILY!

CUSTOMER FIRST

We listened to you and came up with a family of binoculars that will satisfy the needs of our most discerning and experienced customers.

BACKED BY EXPERIENCE

ZeroTech enjoys 54 years of experience in the Optics Market supplying high quality brands to retailers throughout Australia and the Asia Pacific.

LIFETIME WARRANTY

At ZeroTech we are hikers, travellers and outdoors adventurers. We understand that the reality of your adventure can sometimes result in harsh conditions and damaged products, and that is why we will back you, and our product through life and through adventure.

BACKED FOR LIFE!

Be safe in the knowledge that your binoculars are backed by our Triple A Lifetime Warranty:

- Unconditional lifetime replacement or repair*.
- Regardless of the fault or the reason, ZeroTech products will be covered for the life of the product*.
- The Warranty is fully transferable, if you sell the binoculars the warranty automatically goes with it.

*ZT AAA warranty does not cover any intentional loss or damage to ZeroTech products.



‘ANY OWNER, ANY PROBLEM, ALWAYS COVERED’

PART 01

SAFETY INFORMATION

ENVIRONMENTAL INFLUENCES

- **Never look at the sun or at any laser source through your binoculars.** Serious and permanent eye injury may result.
- Never leave the binoculars in direct sun without the lens covers fitted. The objective and eyepiece lenses can act as a burning glass and damage the internal components.
- Avoid prolonged skin contact with the metal surfaces after exposure to strong sun or extreme cold.
- After a large change in temperature, allow the binoculars to reach the ambient temperature before use. Condensation on the external lens surfaces is normal until they do.

HANDLING AND STORAGE

- Keep removable parts such as eye cups and lens covers out of reach of children. Small parts are a choking hazard.
- Store your binoculars dry and ventilated. Do not leave them in a closed vehicle in summer heat.
- Do not attempt to open or disassemble the optical tubes. They are sealed and aligned at the factory.
- Any fault, however it occurred, is covered by the Triple A Lifetime Warranty. Contact ZeroTech rather than attempting a repair yourself.

PART 02

YOUR BINOCULAR

VENGEANCE


IMAGE FOCUS ADJUSTER
DIOPTER FOCUS ADJUSTER
TWIST-UP EYE CUPS
SLING ATTACHMENT
OBJECTIVE LENSES
OPTICAL TUBES
TRIPOD SCREW THREAD
VENGEANCE

THRIVE


DIOPTER FOCUS ADJUSTER
TWIST-UP EYE CUPS
SLING ATTACHMENT
OPTICAL TUBES
OBJECTIVE LENSES
TRIPOD SCREW THREAD

THRIVE HD


DIOPTER FOCUS ADJUSTER
IMAGE FOCUS ADJUSTER
TWIST-UP EYE CUPS
SLING ATTACHMENT
OPTICAL TUBES
TRIPOD SCREW THREAD
OBJECTIVE LENSES

THRIVE HD (COMPACT)



TRACE


DIOPTER FOCUS ADJUSTER
IMAGE FOCUS ADJUSTER
TWIST-UP EYE CUPS
SLING ATTACHMENT
OBJECTIVE LENSES
TRIPOD SCREW THREAD
OPTICAL TUBES

TRACE ADVANCED



MARINE


DIOPTER FOCUS ADJUSTER
TWIST-UP EYE CUPS
IMAGE FOCUS ADJUSTER
SLING ATTACHMENT
OBJECTIVE LENSES
TRIPOD SCREW THREAD
OPTICAL TUBES

PART 03

SETTING UP

INTERPUPILLARY DISTANCE

The distance between the centres of your pupils differs from one person to the next. Setting the optical tubes to match that distance is the first adjustment to make, and the one that most affects how comfortable the binoculars feel.

Hold one tube in each hand and raise the binoculars to your eyes in the normal viewing position. Pivot the tubes in and out about the central hinge until the two circles you see merge into a single, unobstructed circular field of view.

Once set, the hinge holds its position. Note where it sits so you can return to it if someone else uses the binoculars.



VIEWING WITH AND WITHOUT GLASSES

WITHOUT GLASSES

Twist the eye cups anti-clockwise until they extend to the upper stop. Your eye then sits at the correct distance behind the eyepiece and you see the full field of view.

WITH GLASSES

Twist the eye cups clockwise until they are fully retracted, then rest the eyepieces lightly against your lenses. The full field of view is preserved and your glasses stay clear of the eyepiece rims.

IN BETWEEN

Intermediate settings suit shooting glasses, a hat brim or a face shield. If a dark ring appears around the edge of the image, your eye is too far from the eyepiece — move the cups one step and check again.



ADJUSTING THE BINOCULARS TO YOUR EYES

1 It is important to adjust the optical tubes so that the centre of each tube aligns perfectly with your pupils. Once this is achieved, your eyes will be centred in the field of view for each optical tube and you will have an unobstructed circular field of view.

2 To adjust the binoculars, hold the tubes with both hands and raise them to your eyes in the normal viewing position. Move the tubes in and out until you achieve a single circular field of view. The optical tubes are now correctly aligned with your eyes.

3 Once you have adjusted the tubes to the correct width to suit your eyes, it is now time to adjust the optics to suit your eyesight.

ADJUSTING THE BINOCULARS TO YOUR EYES

4 Firstly, find an object with a reasonable level of detail, such as a tree, approximately 15 metres away.

5 You will notice that the diopter focus adjuster is located on the right side tube. The first step of this process is to adjust the left side tube, so shut your right eye for this step.

6 With your right eye shut, focus on the object at 15 metres through the left tube using your left eye and use the image focus adjuster to achieve a crystal clear image. Once this is achieved, do not touch the image focus adjuster for the remainder of the steps in this process.

7 Now, with your left eye shut, look through the right tube with your right eye and use the diopter focus adjuster to achieve a crystal clear image.

8 You have now focused both tubes to suit your eyesight. The only adjustment required from here is using the image focus adjuster for different distances.

ADJUSTING THE BINOCULARS TO YOUR EYES

1 Bring the binoculars up to your eyes and adjust the width of the optical tubes until you achieve a comfortable field of view.

2 Now shut your left eye and look through the right side eyepiece at the same object. Use only the diopter focus adjuster wheel, located between the eyepieces, to achieve a sharp image.

3 With your right eye shut, look through the left side eyepiece at an object approximately 15 metres away. Use the image focus adjuster wheel, located on top between the tubes, to achieve a sharp image.

4 Your new binoculars are now ready to use. Simply rotate the image focus adjuster wheel to achieve a sharp image at any distance. You may also wish to twist up the eye cups for comfort.



IMAGE FOCUS ADJUSTER WHEEL

PART 04

CARE & ACCESSORIES

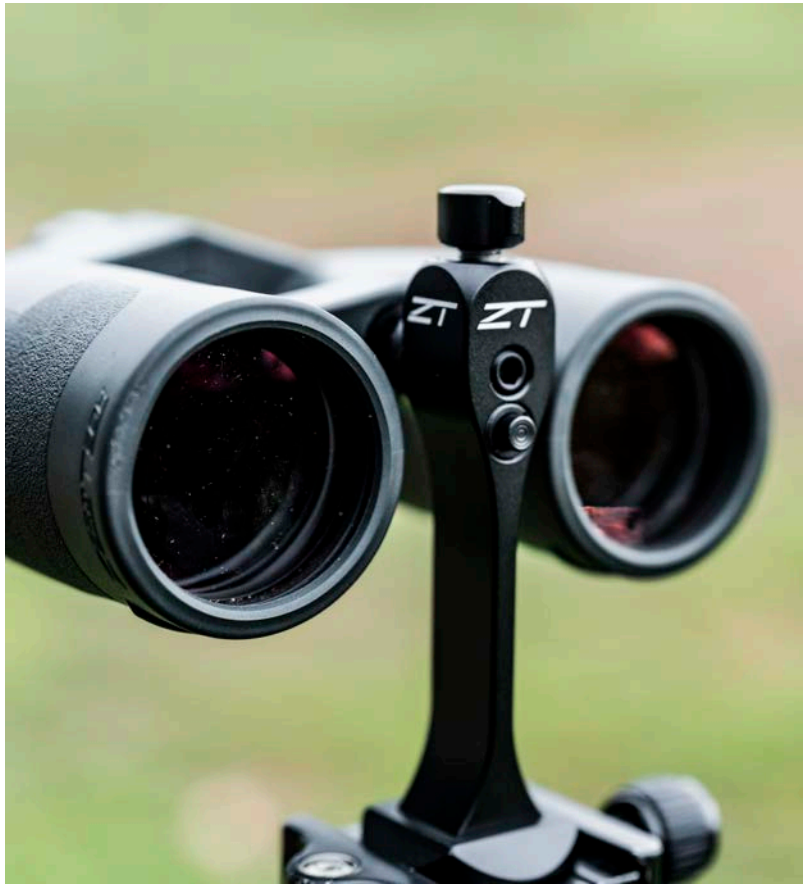
MOUNTING ON A TRIPOD

A tripod takes the weight out of long observation sessions and steadies the image noticeably at higher magnifications — useful when scanning open country or glassing a face for extended periods.

Where your model carries a threaded socket behind the cap at the front of the hinge, unscrew the cap and thread a standard binocular tripod adapter into the 1/4"–20 socket. Tighten by hand only; do not use tools.

Support the binoculars with one hand while you mount and unmount them, and never carry a tripod by the binoculars. Refit the hinge cap when you remove the adapter.

We recommend using ZeroTech trusted mounting options. The three adapters on the following page cover tube clamping, post mounting and strap mounting.



HINGE CAP CONCEALS THE TRIPOD SOCKET

ACCESSORIES

BINOCULAR MOUNTING

We recommend using ZeroTech trusted mounting options. Each is matched to the hinge and tube geometry of our binoculars and tested to the same standard as the optics it carries.



UNIVERSAL BINOCULAR TRIPOD ADAPTER

ZTA-BA01

Fits tubes	30–70mm
Weight	73g
Material	Alloy + nylon strap
Interface	Arca + 1/4-20



BINOCULAR TRIPOD POST ADAPTER

ZTA-BA03

Post height	117mm
Weight	83g
Material	Aluminium
Interface	Arca + 1/4-20



BINOCULAR TRIPOD ATTACHMENT SYSTEM

ZTA-BA04

Mounting	Strap, 360° rotating
Weight	110g
Size	120 × 52 × 50mm
Interface	Arca + 3/8"-16

CARING FOR YOUR BINOCULARS

1 Always check that all external lenses are free of dust and debris. Dust and debris on the lenses can lead to scratching of the lens surface.

2 Always use the lens cloth provided to clean the lenses. Never use tissues or clothing items to clean the lenses as it will result scratching of the lens surface.

3 Always try to protect your binoculars from being bumped or dropped.

4 Never use chemicals or sprays to clean any surface of your binoculars. Chemicals and sprays may cause damage to the moulded rubber surfaces and the lenses.

5 Never leave your binoculars exposed to direct sunlight for long periods of time.

6 Never look directly at the sun with your binoculars. This **WILL** cause serious damage to your eyes.

PART 05

SERVICE & SUPPORT

SUPPORT

WARRANTY & CONTACT INFORMATION

CONTACT

Ph: +612 9938 3244

Email: sales@zerotech.com.au

Please direct all enquiries to service@zerotech.com.au

COMPANY DETAILS

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GLOBAL PARTNERS

For global partners scan the QR code below.

zerotech.com.au/global-partners

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