

# **NZEK GNIDE**

tor Serious Sports Enthusiasts Professional Communications

OUTDOOR SPORTS COMMUNICATION

**VERTIX** 

H20

you must do this within / days of your purchase and the product must not be used. product in its original packaging and completed form for the refund. You must not have any missing items and please note that you must include the mandatory requested information contained therein. You can then proceed to your retailer with the You can seek a full refund for your purchase by visiting our website for instructions and to download a refund option form which

## 18 REFUND OPTION

provided to you absent such limitations, some state statutes might apply regarding limitation of liability. agree that the limitations set forth above are fundamental elements of this agreement and the control unit would not be damages, or any damages whatsoever resulting from the use of the possibility of such damages, You acknowledge and (including negligence), product liability or otherwise, even if advised of the possibility of such damages, You acknowledge and In no event shall Xtreme DSP Global Pte Ltd be liable for any special, indirect, punitive, incidental, exemplary or consequential YTIJIBAIJ 40 NOITATIMIJ

unit and its accessories are provided as is, and as available' without warranty of any kind beyond those assumed in the enclosed without limitation any implied warranties of merchantability, it ness for a particular purpose, and non-infringement. The control Xtreme DSP Global Pte Ltd disclaims all express and implied warranties with regard to the enclosed control unit, including DISCLAIMER OF WARRANT

- rights by not returning the control unit for a full refund You confirm that you have read this release of liability and fully understand its terms and that you have given up substantial
- responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of
- I uese uzka sug gaußerz way auze trom toreseeable or untoreseeable canses, you nereby assume all risks and dangers and all These risks and dangers may be caused by the negligence of the manufacturers or its agents or any third party involved in
- partial and/or total paralysis, death or other allments that could cause serious disability
- · Risks and dangers exist in using the control unit while in traffic, including but not limited to injury or illness, strains, fractures,
- tou tutty acknowledge our warnings and understand that: substances tractingly affect your alertness, and with not carry, use of consume triese before of during the use of the control unit associated with the use of the control unit. You further confirm that you will not consume any alcohol or any mind-altering
- and are legally permitted to ride the Vehicle in your country of residence, and that you have been advised of the risks iuiliuße nbou loni apilitiez to go zo iu a zaje mauuet, ton coulitu ruar lon ate at jeazt eißureeu (18) leatz oi aße (ot oi jegai aße You confirm that you are physically capable to use the control unit, and that you have no medical conditions or needs that may

I use Company is not liable for any incidental or consequential damages arising from the use or misuse of any of the Company's You fully understand and assume the risks in using the control unit, including risk of negligent acts or omissions by

- Certain limited-life components that are subject to normal wear and tear, such as decorate finishes, battenee, fittings or other

lify and litness for a particular purpose. The Company's obligations under this section are limited to the duration of this limited This warranty is given in lieu of all express or implied warranties, including without limitation, implied warranties of merchanti

broduct, together with sales receipt at any authorised VER I IX Service Lentre or at the store from which you have purchased the Your product must be registered online within 14 days from date of purchase; vertixglobal.com. For services, please present the

Control unit

- Cosmetics of the product, accessories and parts which are scratched or damaged after purchase ossible, external impacts or exposure to corrosive liquids, vapours or substances
- neiects or gamage due to exposure to excessive remperatures and adverse wearner conditions where rights is not
  - Defects caused by improper operation, maintenance, installation, adjustment or modifications of any kind Defects or damage from misuse, accident or neglect

## i nis warranty does not cover:

- approved for use with the control unit Lue courroi nuir is gauiged as a lesnir oi arraculueur or arrembred arraculueur wiru accessoues nor broxided or
  - Lue courtoi nuir uga peeu obeueg ot griembreg ro pe obeueg p\u00e3 uou-grruotizeg batriez ot betaouuer

by an authorised officer of the Company. Company assumes no obligation or liability for additions or modifications to this warranty unless made in writing and approved of the original purchaser and is not assignable or transferable to others. This is the complete warranty for your control unit. The parts, boards or battenes with functionally equivalent reconditioned or new parts. This limited warranty is solely for the benefit excludes specifically all shipping costs and taxes. Repair will be at the Company's option and may include the replacement of and returned in accordance with the terms of this warranty to an authorized VERTIX Service Centre or Agent. This warranty bloanct to the original purchaser during the warranty period provided the control unit has not been damaged or tampered with, workmanship under normal use. The Company at its sole discretion, will repair, replace or refund the purchase price of the

This limited warranty by ktreme DSP Global Pte Ltd (the "Company") warrants the control unit against defects in material and warranty of 90 days. Please retain the sales receipt as proof of purchase when making warranty claims. The control unit comes with a 1-year limited warranty from date of purchase. Accessories which are included have a limited

Remote Control

## 17 TERMS & CONDITIONS OF LIMITED WARRANTY

### EU Low Voltage, Directive 2014/35/EU; EU Electromagnetic Compatibility, Directive 2014/30/EU; RED, Directive 2014/33/EU. This device is in conformity with the following directives: UKOPEAN NOTICE

authority to operate this control unit. Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's

- Consult the dealer of an experienced radio/ I v technician for help
- Connect equipment into an outlet on a circuit different from that to which the receiver is connected
  - Increase the separation between the equipment and receiver PULLATUR SULVIANAL AUT ATROOFIL IO TUALIOAN

eternined by turning the control unit off and on, the user is encouraged to try to correct interference by one or more of the occur in a particular installation, it this control unit does cause natmiul interreferce to radio of television feception, which can be nstructions, may cause harmful interference to radio communications, However, there is no guarantee that interference will not control unit generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the knies. I nese illuits are designed to provide reasonable protection against natificial interretence in a residential installation. I in This equipment has been tested and found to comply with the limits for a Class 8 Digital Device pursuant to Part 15 of the FCC

16 CONFORMITY NOTICE

# 1 INTRODUCTION

Professionally designed for serious sports enthusiasts to redefine your outdoor experience with leading-edge digital communication technologies.

The VERTIX system can be easily configured with headsets and accessories to suit your need for the sport. These are specially designed to deliver unrivaled performance for your enjoyment and safety. Depending on your sport, most of our headsets provide environmental awareness.

Stay connected with your fellow users even when there are no mobile networks. Unlike walkie talkies, there is no need to push-to-talk and you can communicate securely without cross channel inteference with the VERTIX system.

facebook.com/VertixGlobal

Website: vertixalobal.com

vertixglobal

2 IMPORTANT NOTICE

Please comply with your local laws when using the product. Safety must always be your top priority. You are advised not to use this product under conditions which may put yourself or others at risk of injury. Stop at a safe location to communicate when required. Adjust the volume to your desired level bearing in mind that long exposure to loud sounds can cause hearing impairments and also reduce your environmental awareness. Users are advised to test and acquaint themselves with the controls and features. By opening and using the product, you explicitly accept the terms and conditions for its use and should this product be given or loaned to another user, it is your responsibility to inform the user of the above terms and conditions of use which shall also be applicable to him or her.

## **3 CONTROL UNIT CARE**

When you are not using your control unit for an extended period of time, please charge the battery every 3 months to keep the battery in a charged state. Do not use any solvents or de-greasers to clean the control unit as it may damage the rubber or plastic body. You can clean it with a bristle brush or warm damp sponge and neutral soap if required. Remember to cover the USB charging/headset port before you clean the control unit to avoid irreparable water damage to electronics inside. Such water damage is not covered under warranty.

# 4 CHARGING FOR THE FIRST TIME

Please charge your control unit before using it for the first time. A flashing red light indicates charging in progress. The initial charge should take about 3 hours. When fully charged, the red light will stop flashing, and remain lighted.

## 5 SPECIFICATIONS

Bluetooth compatibility	Version 3.0 Class 1
Profiles supported	HFP, AVRC, A2DP, SPP
Intercom range	Up to 500 m (between 2 devices, line-of-sight) Up to 1.5 km (Daisy chain for 4 devices, line-of-sight)
Frequency band	2.4 - 2.4835 GHz
Operating time	Up to 10 hrs on full charge
Operating environment	All weather use (IP54)
Weight of control unit	99 g
Weight of Road Bike headset	77 g
Weight of Mountain Bike headset	35 g
Weight of Remote Control	45 g

VEGLICENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE which may arise, directly or indirectly, from using the control unit for any distress, pain, suffering, discomfort, lo

unity and noid naimless the Company from any and all litigation, claims, debts, demands, actions and liabili

rederal, state of national laws or regulations and that any use of the control unit is entirely at your sole risk and responsibility

Xtreme DSP Global Pte Ltd (the "Company") hereby notifies you that using this control unit may also be in contavention to local,

operating it rest solely and entirely with the user of this control unit, irrespective of whether the Control unit is used by the LIGESPECTIVE OT TERSONS, CONDITIONS OF CITCUMSTANCES, INCLUDING MAININGTOON OF THE CONTROL UNIT, AND ALL TISKS ASSOCIATED WITH

circumstauces or conditions and irrespective it Jurisdiction. The Company will not be responsible for any physical damage

own or to any property or asset that belong to you or third parties, any of which may result from using the control unit under any

company narmiess for any bodily injuries, narm or death, as well as losses or damages in goods to any vericies including your

inevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys fees) and holding the

beaches, mountains, etc. By way of purchasing the control unit and not returning it for a full refund (see below), you are

operate the control unit while actively involved in operating the Vehicle in traffic, on public or private roads, racing tracks,

uquid sychicle are solely intended to address its rechnical capabilities and should not be misconstrued as encouraging users to

the control unit. Any publications, advertisements, announcements or similar notes that refer to using the control unit while

nodels irrespective of its commercial name or branding (the "Device"), and stop your Vehicle on the roadside prior to operating

emain alert to the trainc, weather and road conditions if you chose to use the control unit, including all derivative products of

Distributors and Resellers (Jointly referred to as the "Company") strongly advises you to take all necessary precautions, and

and, water of air (Jointly referred to as venicie) requires your complete and undivided attention, the Company, including its

ion device while riding a bicycle, e-bike, segway, motorcycle, scooter, quad-bike, moped, AIV or any other vehicle, whether on

a full refund. By using the control unit, you agree to be bound to this agreement and forfeit the right to sue. Using a communite

before using the control unit. If you do not accept the terms of this agreement, you should immediately return the control unit to

By using the control unit, you will waiver substantial legal rights including the right to sue. Please read the following carefully

Company assumes no liability or responsibility for any errors or inaccuracies that may appear in this manual. The Company

Information in this manual is furnished strictly for informational purposes, and is subject to change without notice. The

The Company is not responsible for any loss or damage incurred during shipping, All repair work on VERTIX products by parties

During the term of warranty, all products must be returned to the point of purchase or authorized VERTIX Service Centre for all

The user should never attempt to perform service, adjustments or repairs of the control unit. Doing so will you'd all warranties.

retains the right to amend and change its products, manual and specifications at any time without notice.

not explicitly authorized by the Company will void any and all warranties

ecessary work at the purchasers cost

Milcers, Directors, Affiliates, Parent Company, Representatives, Agents, Contractors, Sponsors, Employees, Supp

rou, your neirs, legal representatives, successors or assigns, nereby voluntanly and forever release, discharge

Note: Accessories info are for reference. Your package contains only the options purchased.

# **6 ONLINE WARRANTY**

The control unit comes with 1 year limited warranty, unless otherwise stated. Register your product warranty online and be assured at:

https://www.vertixglobal.com/pages/product-warranty

## 7 CONTROL OVERVIEW

## POWER CONTROLS

## POWFR ON

(I) Press and hold until you hear 'Power On' and battery status announcement

## POWER OFF

Press both Power and Vol simultaneous

## MUSIC CONTROLS

- Press once to play or pause music
- + Press twice to skip track forward
- Press twice to skip track backward

## VOLUME CONTROLS

- Press once to INCREASE volume
- Press once to REDUCE volume

## INTERCOM CONTROLS

A B Activates connection to

another Velo

# USB PORT

For connecting headset For charging For firmware upgrade

INDICATION LIGHTS CHARGING • • × • • × • • Flashing Red WHEN CHARGED

• • • • • • • Solid Red WHEN PAIRING

• X • X • X • X • Flashing Red & Blue

Note: Indicator lights will go off after 10 mins of operation to conserve power

# 8 PAIRING WITH SMARTPHONE

Not applicable for some Models Up to 2 smartphones can be paired.

To proceed with Normal pairing:

> Power ON by holding Power button until red and blue lights flash alternately and 'Pairing' is heard.

• × • × • × •

➤ Activate Bluetooth® on your smartphone and select "VERTIX" > Enter default code '0000' if prompted.

To set a smartphone as Priority:

> Power ON by holding Power button until red and blue lights flash alternately and 'Pairing' is heard.

» Press Power button once. > LED lights should flash 'Red Red Blue Blue' continuously.

. . × × . . × × . .

➤ Activate Bluetooth® on your smartphone and select "VERTIX"

> Enter default code '0000' if prompted.

# 9 PAIRING WITH REMOTE CONTROL (op

Install battery before using. Remote control is already paired with the control unit at the factory. Should you need to pair it again:

> Power ON, Press both VOL + and VOL - on the Velo and release. The blue LED lights up.

> On the Remote Control, press VOL + button once and then press and HOLD VOL + until the red light on the Velo flashes. This indicates successful pairing.

Pairing only needs to be done once. Note: Should you encounter the unlikely event of interference from another remote control, pair again. A new security code will be applied whenever you pair.



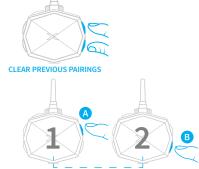




# 10 PAIRING WITH INTERCOM

Pairing is **only required once** if you ride with the same person or group. Should you ride adhoc with other users, repeat the simple pairing procedure detailed below.

## >PAIRING OF CONTROL UNIT 1 & 2 avoid unsuccessful or difficult pairing situations.



When pairing the control units, keep them away from other sets nearby which are also pairing. This may result in unsuccessful or wrong pairing.

Always pair 2 control units at a time, keep away from other control units which are also pairing to

- (a) Power ON your control units.
- (b) ALWAYS clear previous pairing data by holding down A and B buttons together until the Red light flashes, & 'Intercom pairing cleared' is
- (c) Pairing between control units is always from "A" on one control unit to "B" on the other, for up to 4 control units
- (d) Press and hold button A (control unit 1), until Red and Blue lights flash alternately, 'Pairing' is heard (e) Press and hold button B (control unit 2), until Red
- and Blue lights flash alternately, 'Pairing' is heard (f) Press button A of control unit 1 once. Only Blue light of control unit 1 flashes & 'Searching' is heard. When the Blue light of control unit 2 also flashes, 'Pairing Successful' is heard. Both control units revert to flashing red light.

## TO ACTIVATE/DEACTIVATE INTERCOM

Press either button A of control unit 1 OR button B of control unit 2 once, & 'Intercom Connected' is heard. To disconnect, press the same button twice.

## > PAIRING OF CONTROL UNITS 2 & 3



PAIRED: CONTROL UNITS 1 & 2 PAIRING: CONTROL UNITS 2 & 3 (a) Press and hold button A (control unit 2), until Red and Blue lights flash alternately. 'Pairing' is heard.

- (b) Press and hold button B (control unit 3), until Red and Blue lights flash alternately. 'Pairing' is heard.
- (c) Press button A of control unit 2 once. Only Blue light of control unit 2 flashes & 'Searching' is heard. When the Blue light of control unit 3 also flashes, 'Intercom Pairing Successful' is heard. Both control units revert to flashing Red light.

Repeat steps (a) to (c) if pairing is unsuccessful.

TO ACTIVATE INTERCOM: Press either button A of control unit 2 OR button B of control unit 3 once, & 'Intercom Connected' is heard.



PAIRED: CONTROL UNITS 1 & 2 PAIRED: CONTROL UNITS 2 & 3 PAIRING: CONTROL UNITS 3 & 4

- (a) Press and hold button A (control unit 3), until Red and Blue lights flash alternately, 'Pairing' is heard.
- (b) Press and hold button B (control unit 4), until Red and Blue lights flash alternately. 'Pairing' is heard.
- (c) Press button A of control unit 3 once. Only Blue light of control unit 3 flashes & 'Searching' is heard. When the Blue light of control unit 4 also flashes, 'Intercom Pairing Successful' is heard. Both control units revert to

Repeat steps (a) to (c) if pairing is unsuccessful.

TO ACTIVATE INTERCOM: Press either button A of control unit 3 OR button B of control unit 4 once, & 'Intercom Connected' is heard.

# 11 USING THE INTERCOM

## INTERCOM INDICATORS

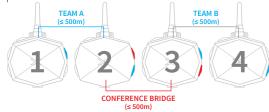
>Single Blue light flash: Connected with 1 other control unit ••ו•ו• Double Blue light flash: Connected with 2 other control units ● × ● × ● × ● × ● × ●

## COMMUNICATING VIA INTERCOM

## **GROUP INTERCOM**

When intercom links have been established between the control units, riders can talk to each other anytime without the need to press any button, as long as they are both within range of up to 500m, and total range of up to 1.5km for 4 riders, between control unit 1 and control unit 4.

## GROUP INTERCOM (< 1.5km)



Control unit 2 and control unit 3 are connected to two control units. making them the conference bridge between control unit 1 and control

unit 4 in the group intercom.

# 12 QUICK GUIDE: CONNECTING INTERCOM

# When blue light blinks SETS CONNECT Once per sec, both sets AUTOMATICALLY Are connected. WHEN POWERED ON! Press Once to Connect YOU CAN ALSO Press twice quickly to Disconnect MANUALLY CONTROL \* Use "A" for set 1 and "B" for set 2

NOTE: Please charge before use. Blinking RED light turns SOLID RED when fully charged

# ACTIVATING INTERCOM

# 14 HELP: MY MIC IS NOT WORKING

## **GETTING DIRT OUT FROM CONNECTORS**



Dirt can get into your connectors when they get unplugged for charging. Issues such as not being able to hear your partner, crackling noises etc may arise. Simply use an air duster or lens duster to give a good blow to clear them out.

PERFORMING FACTORY RESET

15 HELP: I AM UNABLE TO PAIR MY SETS

# 16 HELP: WET AFTER RIDING IN RAIN

# REMOVING WATER FROM MICROPHONE COVER



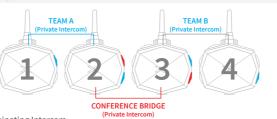


- 1. Do not squeeze microphone sponge cover when it is wet
- 2. Gently remove and then squeeze to remove water
- 3. Gently wipe microphone tip dry, then slide microphone sponge cover back into microphone tip

Private Intercom can be carried out within the teams (Team A or Team B), and between the 2 forming the Conference Bridge.

PRIVATE INTERCOM

Control unit 2 : Press button A to activate connection to control unit 3. Press button B to connect to control unit 1



Terminating Intercom

To terminate intercom between control unit 2 and control unit 3: Press button A on control unit 2 twice. You will hear a beep sound, and intercom with control unit 3 is

# 13 QUICK GUIDE : SINGLE-EAR HEADSET

# SETTING UP THE HIDDEN MIC HEADSET









- 1. POWER OFF set, press and hold Power and "A" buttons together until you see the Red AND Blue lamp flash twice
- 2. POWER OFF set normally. RED lamp lights up and goes OFF.
- 3. You can visit https://vimeo.com/224916439 for video.
- 4. Pair the sets again.

# **PLEASE NOTE:**

THIS SYSTEM DOES NOT SUPPORT MUSIC SHARING OR LISTENING TO MUSIC WHEN IN INTERCOM MODE.

For Frequently asked questions, visit https://www.vertixglobal.com/apps/helpcenter

H20