

AKUANA

OPAH X Heating Vest Wristband Controller

User Manual OPAH X

THANKS FOR CHOOSING US

Thank you for choosing AKUANA Opah X Heated Vest. The special designed product can reach a depth limit of 50m which will meet most requirement of water sports. The wireless operating solution makes the Opah heated vest can be controlled remotely around 50cm by the wireless wristband. A maximum 50W of power can significant improve the user experience and extend the limit of recreational activities.

SPECIFICATION

- Made of 80% neoprene 10% spandex
 5% nylon 5% polyurethane.
- Resistance heating source.
- Maximum 50Watt heating power.
- Two levels of heating power selction.
- Thermal protection temperature around 40°C/104°F.
- Run time: 1-2 hours
- Wireless wristband: 2 years usetime with non-chargeble battery
- Depth rating: 50m/164ft

WHAT'S IN THE BOX

- Suit x 1
- Battery x 2
- Charger x 1
- Wireless wristband x 1



drawing (1)



drawing (2)

OPERATION INSTRUCTIONS

Charge the battery

- Charge the battery before use.
- Plug in the connectors as shown in drawing (1).
- Plug your charger into an electric outlet with the electricity range of 100V-240V, 50/60Hz, AC current.
- The charger indicator will display red when charging and will display green when complete.
- When the battery(ies) is reaching full state, the charger indicator may change between RED and GREEN status.

Wear the suit

- The Opah heated vest need to be worn under an isolation layer such as wetsuit or drysuit to ensure function properly.
- Plug connector together tightly as shown in ç.
- Place the battery in the battery pocket before wearing up.
- Stretch the cables well and store them neatly.
- Wear right hand through the vest first, then gently put on the vest from you neck. Tight the velco on the right side lately.
- Wrap the wristband controller up securely on your wrist. The wristband controller is the only device to turn on/off the suit. Please store it securely after each use.

Heat Levels

Low: maxium 30W of heating power

High: maxium 60W of heating power

The user can select each heating level according to the surrouding environment and his/her own favor.

Turn on/off heating function and vibration indication

Function	Wristband	Vibration
Battery Connected	First battery connected to vest	_____ 1.5s
Low Level	Short press button	— 0.5s once
High Level	Short press button	— — 0.5s twice
Standby	Long press button	_____ 1.5s

WASH AND MAINTENANCE

- Hand wash **ONLY**.
- Hang dry **ONLY**.
- Before washing, **REMOVE THE BATTERY** from the vest.
- Use flush water to wash batteries **ONLY**.
- **MUST** turn off the battery before washing(LED off).

Warnings and Important Instructions

Thank you for choosing the AKUANA Heating Vest. To ensure optimal performance and safety, please carefully read and retain the following instructions:

- This product is designed for use only inside a wetsuit while diving.
- Keep batteries out of reach of children at all times.
- The batteries are rechargeable. Only use the charger provided with the product.
- The battery charger supports an input range of 100V-240V, 50/60Hz AC power.
- When the vest is not in use for an extended period, disconnect the battery to avoid battery drain.
- This product should be hand washed only. Always remove the batteries before washing the vest.
- Clean the batteries with fresh water only.
- Ensure the batteries are turned off (LED off) before rinsing. Failing to do so may result in permanent battery damage.
- Do not disassemble or modify the vest, battery, or cables.
- Do not use other heating sources that are not compatible with this product.
- Make sure the cables are properly stretched and positioned beneath your wetsuit.
- Before each dive, thoroughly inspect all electrical cords and connections. If you find any cuts, breaks, or damage, do not use the vest as it may cause serious injury.
- If any cable damage is detected, contact authorized service for repair or replacement before further use.

IMPORTANT SAFETY INSTRUCTIONS:

Suit is supplied with the following products and only these products should be used with the suit.

Lithium Battery Models: OPB01/OPB02

Main Charger Model XSG1263000

EMC

Suits are not suitable for people with Pacemakers. EMI may affect pacing devices so we strongly recommend that you do not use if you have one of these devices.

Thermal protection

Although the product is designed with thermal protection, the user is also responsible for own thermal protection. Isolation depends on the right wetsuit and thermal under-wear selection. Lack of right thermal protection might cause thermoregulatory disorders. The user must be aware of the risks of hyperthermia and hypothermia.

Thermal isolation and depth

Thermal isolation is reduced due to hydrostatic pressure, which is increasing with depth. The user must be aware that thermal capacity of the product might be reduced.

Allergic reaction

Every synthetic material might cause allergic reactions. Before using the product, please be aware of the potential risk of experiencing allergy towards the materials used in the construction of the product.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.