Model Z3

Trail Monitor
Instruction Manual
Version 01

Manuel d'instruction
Gebrauchsanweisung
Manual de instrucciones
Manuale di istruzioni
Manuale ES /Manual
取扱説明書

FCC ID: 2AKO4-Z3

Thank you for purchasing with Olymbros® Trail Monitor. For making the best use of all the functions of the device. Please read this manual carefully before you use the product and keep it as a handy reference.

If you have any questions or concerns, please contact Olymbros at info@olymbros.us or submit the contact form on the official website www.olymbros.us. You are also welcome to reach out any fresh news of Olymbros by subscribing or following our Facebook page @olymbrosfun.

Main Functions

The Z3 wireless infrared sensors will detect movement within 60' of the device, and transmit that signal up to 650' away to your location. The 120° vertically and horizontally wide detecting angle and long detecting distance keep you informed and safe.

The convenient wristwatch receiver picks up the alert signal from the sensors and prepares you before the target comes within range.The alert signal is programmable to be audible, visual, vibrate, or any combination.

Connect up to 100 sensors to 1 receiver watch, allowing you to cover even more area. You can also connect several sensors to many receiver watches, allowing multiple people in the group to monitor the same area.

Specifications

Detecting angle	120 °vertical and horizontal
Detecting Range	65 ft./20m between sensors and the target
Communication range	650 ft./200m between sensors and receiver watch
Alarm Modes	Adjustable Vibrate/Sound(beep)/LED Flash(NO.XXX is calling)
Battery life	4-6 months for sensors and 4-5 days standby time for watches
Connection	1→up to 99 sensors; up to 99 receiver watches→1 sensor
Waterproof	IP54 standard
Warranty	ONE-YEAR AFTER-SALE Manufacturer's Warranty
Application	Hunting alarm, camping security, burglar alarm, home/ranch/warehouse/yard/driveway security

Manual Content

Sensors Battery Installation

Olymbros Z3 sensor is powered by one 9V battery(NOT included), open the battery cover by a flat-blade screwdriver and install one 9V carbon battery.

Note: Every time you Install or remove the battery, please make sure that the sensors are turned off.

Sensors Power On and Mounting

Slide the Power Switch to the ON position, the LED indicator will flash a red light, the red light will disappear and then the sensors are powered up.
Place the sensors on the tree approximately 3-9 ft. High at a slight downward angle.
It can also be placed outside your house/campsite/yard/garage/driveway to detect movement from humans, cars, and animals, which helps keep you safe.
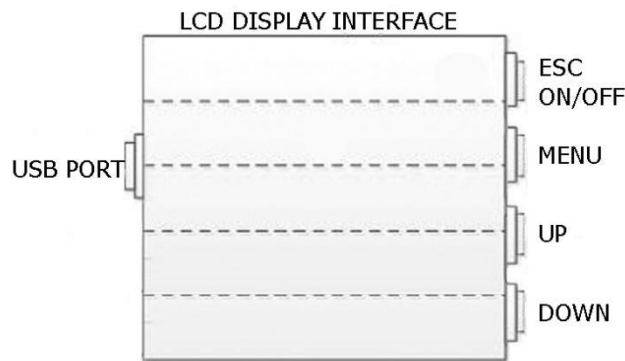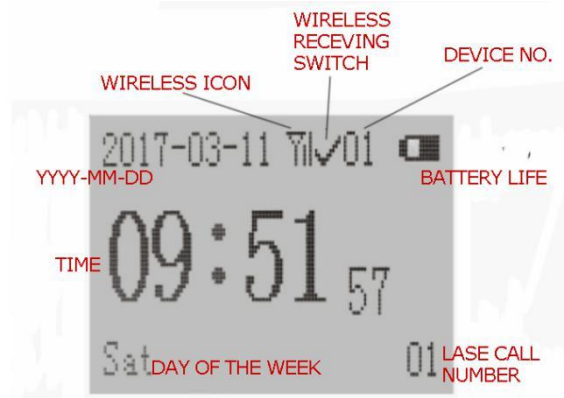

Note:
1. The antenna should be placed on the LEFT when mounting the sensors.
2. After the sensor starts working, the red LED light will flash after each trigger within one minute and no longer flash after one minute.

Watch Handing and Operation

1. LCD Display Interface

(1) Main Interface Operating Instruction

　　① When watch is under the main interface mode, other buttons are invalid except "MENU".

　　② Press "MENU" button to open the main Settings menu interface and corresponding sub-menu interface.

　　③ Press "UP" and "DOWN" button to scroll through the main setting menu and select the desired option of the menu.

　　④ Press "ESC button returns to the main or previous menu interface.

　　⑤ Long press "ESC" button for 2 seconds, open the Shortcut Menu:

　　　　• Receiving Switch (ON/OFF) - Choose whether you want to disconnect the sensor or not.

　　　　• Shutdown - Shut down the watch.

　　　　• Reboot - Restart the watch.

2. Main Setting Menu

Press the "MENU" button to open the main Settings menu interface.

(1) Main Settings Menu Interface

　　① Menu List

　　　　1) Pairing

　　　　2) QueryLog

　　　　3) DevNo.Setting

4) PromptSetting
5) ReceiveSwitch
6) Date&Time
7) RemoteStatus
8) VersionNO
9) Factory Reset

(2) Pairing
    ①   Pairing Menu List
        1) Add Pairing
        2) Del Pairing
        3) Del All Pairing
    ②   Add Pairing
        1) Setting Interface
        •   CurZone: Mark the number of sensors.
        •   Code: The sensor's codes, xx-xx-xx means no pairing. One sensor has one Unique code.
        2) Button Operation
        •   "UP" and "DOWN" button: Switch CurZone number among 0-99.
        ·   "ESC" button: Return to the "Pairing" menu interface.
        3) Pairing Instruction
        •   On the "Add Pairing" interface, turn on the sensor and press the "MENU" button, a 6-digit code will appear on watch's interface once the sensor and the watch are connected.
        •   Press "UP" and "DOWN" button to switch the CurZone number for the sensors. For example: If you would like to mark one of the sensors to number 44, then switch the CurZone to 44Mark, then pairing the sensor and watch. In this way, this sensor is marked to number 44.
        •   The receiver receives a transmit signal after the sensor is activated. Pairing is successful when sensor codes show on the interface. For example: Transmit signal is sent via sensor 1 (Code: ED-CD-2A). Your code will be specific to your device. It means the code "ED-CD-2A" will display in the area xx-xx-xx when pairing is successful.
        •   Set the different number for sensors make it's easier to locate them.
        4) Prompt Interface
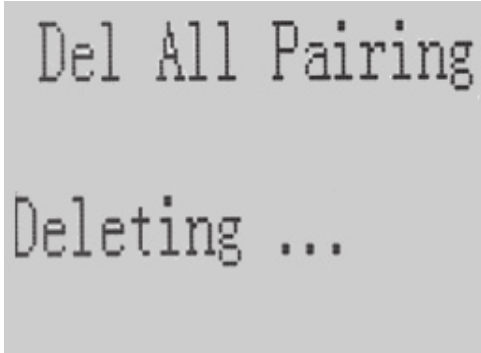   Each transmitter corresponds to one number.

③   Delete Pairing
    1) Setting Interface

- CurZone: The number of sensors.
- Code: The code of the sensors.

2) Button Operation
- "UP" and "DOWN" button: Switch sensor's number among 0-99.
- "MENU" button: Delete the current sensor's pairing.
- "ESC" button: Return to the "Pairing" menu interface.

④ Delete All Pairing
   1) Select "Delete All Pairing" on the Pairing Menu, all the pairing will be deleted.
   2) Return to the "Pairing" Menu interface automatically when all the pairings are deleted.

```
Del All Pairing


Deleting ...
```

(3) QueryLog - Track Records
   ① QueryLog Menu List
      1) QueryLog
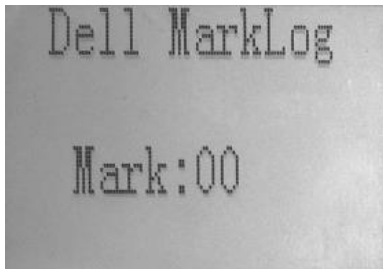   2) Del AreaLog
      3) Del All Log
   ② QueryLog
      1) Setting Interface
- 01Mark: The number of sensors. (01Mark - 99Mark)
- Rec:1: The record of the selected sensor pairing. (Rec:1 - Rec:9)
- Date: The date of the record. (No Record means there is no record for the selected number of sensors)

```
QueryLog
01Mark    Rec:1
        2017-03-12
        08-04-55
```

      2) Button Operation
- "UP" and "DOWN" button: Switch the sensor number among 0-99.
- "MENU" button: Switch Rec.
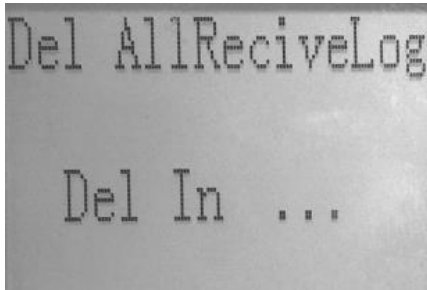- "ESC" button: Exit and return to the previous menu.

   ③ Del AreaLog
      1) Mark:00: The number of sensors.
      2) Use "UP" and "DOWN" button to switch the number of the sensors.
      3) Use the "MENU" button to delete the pairing records of the selected sensor number.

④ Del All Log
    1) Select "Del All Log", all the pairing records will be deleted.
    2) Return to the "QueryLog" Menu interface automatically when all the pairing records are deleted.

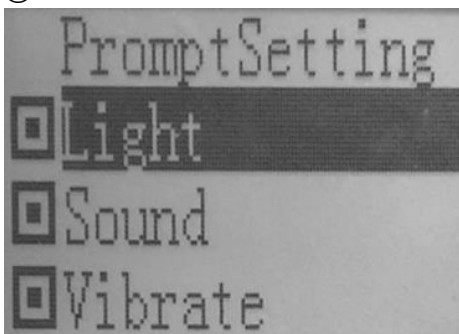(4) DevNO.Setting - Set the number of the receiver watch
  ① Interface

  ② Button Operation
    1) "UP" and "DOWN" button: Set the number of the watch among 0-99.
    2) "ESC" button: Save current settings and return to the previous menu.

(5) PromptSetting - Set the alarm mode of the watch
  ① Interface

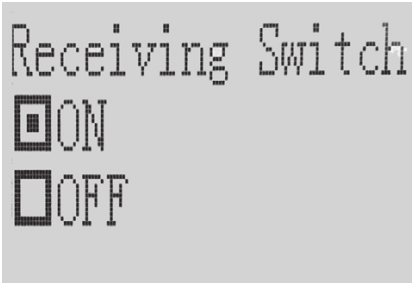 ② Button Operation
  1) "MENU" button: Select or cancel the option.

5

2) "UP" and "DOWN" button: Scroll through the alarm options.

3) "ESC" button: Save the current settings and return to the previous menu.

(6) ReceiveSwitch - Select whether you want to disconnect the sensor or not.

① Interface

② Button Operation
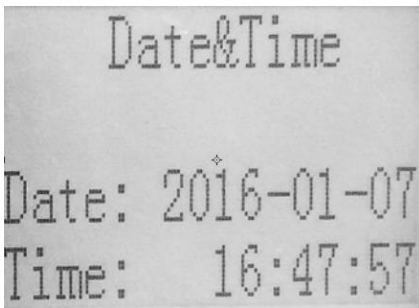
1) "MENU" button: Select or cancel the option.

2) "UP" and "DOWN" button: Scroll through the options.

3) "ESC" button: Save the current settings and return to the previous menu.
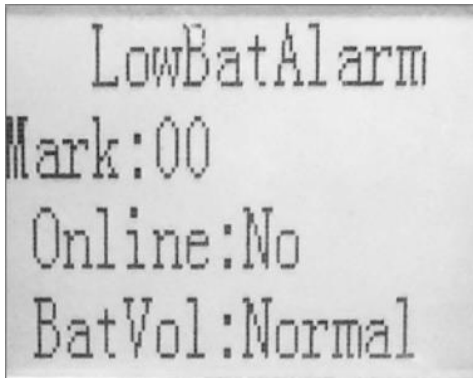
(7) Date&Time

① Interface

② Button Operation

1) "Menu" button: Enter and switch to the next edit item.

2) "UP" and "DOWN" button: Set day or time.

3) "ESC" button: Save current settings and return to the previous menu.

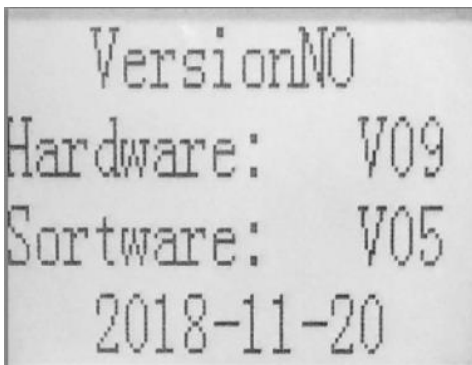(8) RemoteStatus - Check the status of the sensors

① Interface

1) Mark: The number of sensors. (0-99)

2) Online: Whether the sensor is online or not. (Yes or No)

3) BatVol: whether the battery of the sensor is under a normal condition. (Normal: normal condition, Low: battery low.)

```
      LowBatAlarm
Mark:00
 Online:No
 BatVol:Normal
```
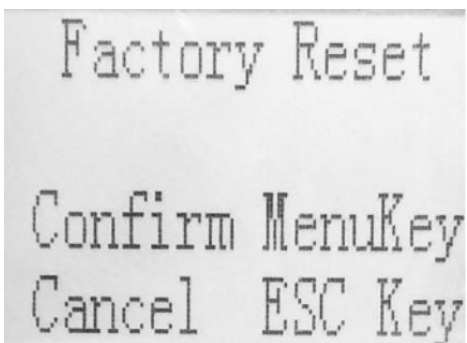
②　Button Operation

1) "UP" and "DOWN" button: Switch the sensors. (Mark:00 - Mark:99)
2) "ESC" button: Exit and return to the previous menu.

(9) VersionNO

```
      VersionNO
Hardware:    V09
Sortware:    V05
      2018-11-20
```

(10) Factory Reset

①　Interface

```
   Factory Reset


Confirm MenuKey
Cancel  ESC Key
```

②　Button Operation

1. "MENU" button: Restore to the default settings.
2. "ESC" button: Exit and return to the previous menu.

Quick Setup Guide

1. With the watch fully charged, and the 9V batteries installed in the sensors, get everything sitting close to your location.
2. Turn on the watch, press the "MENU" button and select the "Pairing", open the "Add Pairing" interface. Then turn on the transmitter, then press the "MENU" button. In this step, you may use "UP" and "DOWN" to change the number of the sensors.
3. A 6-digit code will appear on the 3rd line on the "Add Pairing" interface, this code means that the sensor and receiver watch is connected successfully.
4. If the code side shows xx-xx-xx, it means the sensor and the watch are not connected. Please try to delete the pairing, remove the battery in the sensor, then try the last two steps again.
5. Once you have the first sensor connected successfully, connect the next two sensors by repeat 1 and 2 step. Set the different number for sensors to make it's easier to locate them.
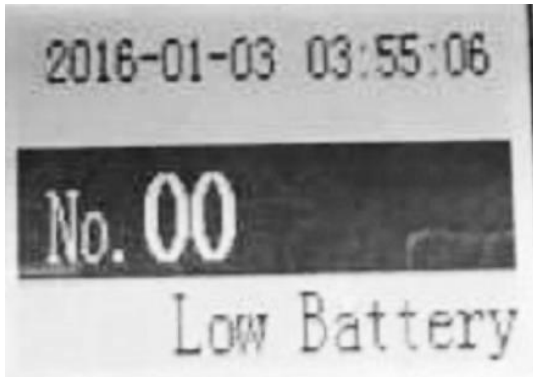6. Mount sensors with supplied straps.

Tips

1. Please make sure the receiver watch is fully charged before the first use.
2. Test the sensors connect status around your area first. If one or two does not seem to be working, repeat the "Quick Setup Guide" step "4". If all of the sensors don't work, please check the "ReceiveSwitch" and the "PromptSetting", make sure all the settings are correct.
3. The sensors or the watch can be turned off at any time. They will reconnect automatically once they are turned back on.
4. The watch with a full battery will last 4-5 days, that is, not paired with any transmitters. When it works as a receiver or an alarm, the full battery will last much shorter due to extra power consumption by alarm sound, vibration, and receiving signals.
5. Turning off the pairing between the watch and transmitters, when not necessary. It will save more battery life;
6. Selecting only one alarm option in "Prompt Setting". It will save more battery life for the watch. Default setting enables all three alarm options.

Low Battery Alert of the Sensors

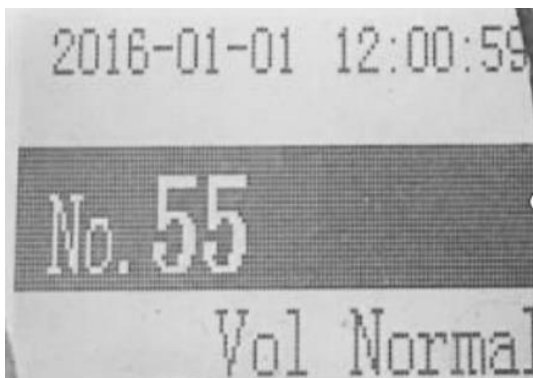Usually, the 9V batteries life of the sensors would last about 4-6 months.

The low battery alert for the sensors has five low battery modes:

1. When the sensor is at low battery, the watch gives an alarm once every two hours, the sensor will shut down after three consecutive alarms.
   - When an alert is given, the watch's screen displays "No.000 low battery".
   - The digit represents the number of the sensor at low battery.
   - if more than one sensors give the low battery alarms synchronously, only the last alarm is displayed.)
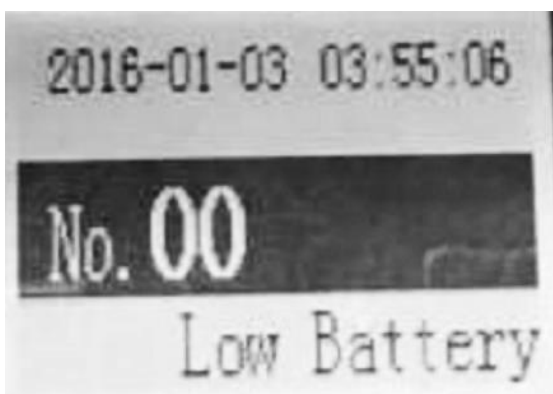

2. After the watch connects with the sensor successfully again, the sensor senses the motion, and then triggers the watch to give the first alarm. The status is as follows:

   Vol Normal indicates that the sensor's battery has a normal voltage (electricity).
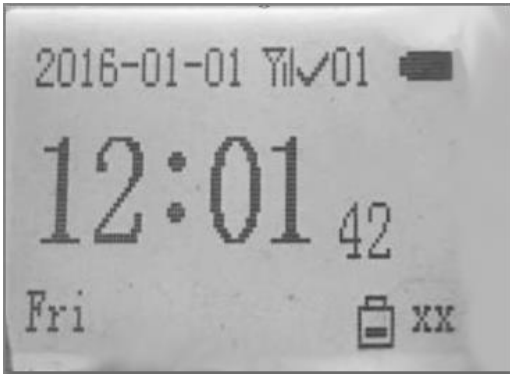

   Low Battery indicates that the sensor's battery has a low voltage (electricity), and may need to be replaced.

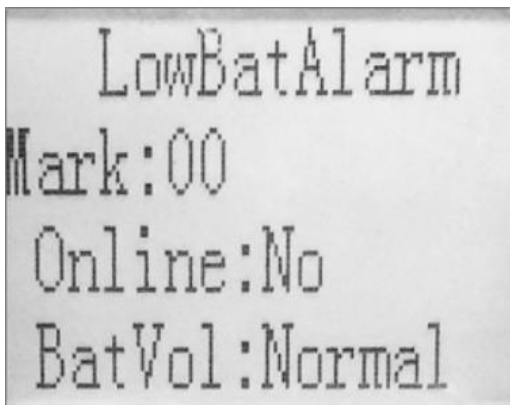3. The icons on the watch's main interface are as follows:

- the icon at the lower right corner indicates the low voltage of a sensor.
- The xx indicates the number of the sensor.
- If several sensors give the low battery alarms at the same time, only the last alarm will be displayed.

4. The indicators of sensor: The LED indicator of the sensors will flash the green light when the voltage of the battery is below 5V, the LED will keep on if the voltage is below 4.7V.
5. The status of the sensor can be viewed from the watch:
   Press the "MENU" button and select "RemoteStatus", this interface displays the   status of sensor.
   - Mark: The number of the sensors. (0-99)
   - Online: YES or NO (Whether the sensor is online or not, namely, if the sensor connects with the watch. YES indicates "connected"; NO indicates that the sensor is off-line.)
   - BatVol: Normal or Low (Whether the battery of sensor is normal or not. Normal indicates

Warning

✓ The device is IP54 standard waterproof.
✓ The device has electronic parts. Don't disassemble the device by yourself in case of short circuit or other problems.
✓ 1 year after-sales service of warranty is included.
✓ PIR sensors can not detect motion which occurs behind walls, ceilings, floor, closed doors, glass partitions, glass doors or windows.
✓ Infrared motion detectors operate by sensing changes in temperature. Their effectiveness may be reduced when the ambient temperature rises near or above body temperature or if there are intentional or unintentional sources of heat in or near the detection area. Some of these heat sources could be heaters, radiators, stoves, barbecues, fireplaces, sunlight, steam vents, lighting and so on.
✓ If you have any questions while using, please feel free to contact customer support or retailers.

FCC Caution

§15.19 Labelling requirements.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) The device may not cause harmful interference.
(2) The device must accept any interference received, including interference that may cause undesired operation.
§15.21 Changes or modification warning.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
*RF warning for portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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