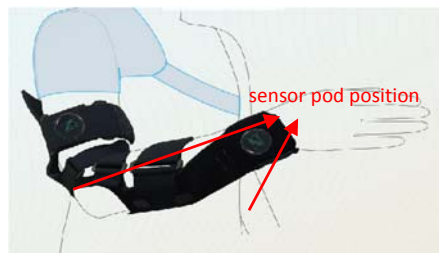


ZE1

Two Channel EMG Monitor Manual

How to wear your ZE1 EMG Monitor

1. Adjust the arm sleeve to fit your arm that it is tight.
2. Attach the two sensor pod to the arm sleeve(see below photo).
3. If necessary moisten the electrodes using a small amount of water, saliva or electrode heart rate gel to improve the connection.
4. The ZE1 uses button to ON/OFF.



How to pair your ZE1 EMG Monitor to a Bluetooth Smart Phone

1. Download and install your chosen EMG app and switch smart phone bluetooth 'ON'.
2. Open and setting the app on your Smart phone.
3. Press sensor pod button ON, the LED light will flash 'blue'.
4. Use smart phone EMG app to pair sensor pod. When pairing success, sensor pod LED light stop flash 'blue'.

Compatible apps



2chEXGHolter

Limited Warranty

The Zentan ZE1 EMG Monitor is covered by the standard Zentan limited warranty.

For more details please visit:

www.zentan.com.tw

ZE1 EMG Monitor Specification

Operating range	30 – 240 bpm
Battery type	User replaceable CR2032 3 volts
Battery life	Approximately 100+ hours
Radio frequency protocol	Bluetooth Low Energy
Water rating	IPX7 Water Resistant
Operating temperature range	From 0C to 50C / -32F to 122F
Storage temperature range	From -10C to 60C / -14F to 140F
Weight	18 grams
Size	40mm(diameter)* 9.5mm(thickness)
Maximum output power	4dBm

Contact:

Zentan Technology Co., Ltd.

NO.92, Hsing-Sheng Road, Chia-Li District, Tainan City, 72254 Taiwan

Operation Frequency : 2.402 – 2.480 GHz
RF Output Power : 4.52 dBm (e.i.r.p.)

How to look after your ZE1 EMG Monitor

1. After using complete, please detach the sensor pod from the arm sleeve and press sensor pod button 'OFF'. This will preserve battery life and makes washing the arm sleeve easier.
2. When washing the arm sleeve, only use standard washing detergent and normal temperature water.
3. The arm sleeve can be washed in a washing machine at 30C for no more than 30 washes.
4. Do not leave the arm sleeve to dry on a radiator or hot surface as this may cause damage to the electrode sensors.
5. Do not tumble dry as this will damage the electrode sensors.

Troubleshoot:

1. Check from the receiving device's manual that it supports Bluetooth 4.0 (Bluetooth Smart).
2. Check that you have paired the EMG sensor with the application
3. Check that you are wearing correctly
4. Check battery be getting empty or not
5. Check receiving device positioned correctly
6. Tried restarting the application and sensor pod.
7. If your receiving device has a bluetooth devices list, try removing from the list and pairing it again
8. Try restarting the receiving device to see if it would help

Still having trouble? You can see contact information or search <http://www.zentan.com.tw/> on the internet to get help

User Battery Replacement



WARNING

- Do not use a sharp object to remove the battery
- Please keep batteries out of reach of children
- Do not put batteries in your mouth. If swallowed contact your physician or local poison control centre immediately.
- Replaceable coin cell batteries may contain perchlorate material and special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate



CAUTION

Contact your local waste disposal department for recycling coin cell batteries.

Replacing the ZE1 EMG Monitor Battery

1. Find the battery door located on the underside of the sensor pod.
2. Insert a \$ quarter, £ 20p or € 20c coin into the slot and rotate anti-clockwise.
3. When the battery door becomes loose, remove carefully. The battery will be inside the battery door when you remove it.
4. Wait for around 20-30 seconds
5. Insert a new battery into the battery door slot with the flat side of the battery facing down.
6. Once the new battery is in place, reattach the battery door by placing the door over the markers.
7. Insert the coin used to open the battery door and rotate clockwise until the battery door fits flush with the sensor pod under-side.



Important Product Information Certification Sheet

Federal Communication Commission Interference Statement

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 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 Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

This Important Product Information Guide contains safety and handling, regulatory and warranty information.

Battery Safety: Most Zentan products contain coin cell batteries. Keep batteries away from Children. Never put batteries in mouth. Swallowing can lead to chemical burns, perforation of the soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Only replace batteries with correct replacement batteries. Using other batteries poses a risk for fire and explosion. Do not use sharp tools to remove user-replaceable cell. Do not remove or attempt to remove non-user replaceable batteries.

NCC警語－低功率射頻電機：

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」