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JOUSING JOUlink AED Data Collector User Manual

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JOUSING logo

JOUSING JOUlink AED Data Collector

JOUSING JOUlink AED Data Collector

Product Information

- **Manufacturer:** Housing Medical Co., Ltd.
- **Address:** Room 303, Building B2, BioBay, 218 Xinghu Street, Suzhou Industrial Park, Suzhou, Jiangsu Province
- **Hotline:** 400-820-9952
- **Email:** service@jousing.com
- **Website:** www.jousing.com
- **Product Name:** JOUlink AED Data Collector

- **Product Functionality:** The JOUlink data collector automatically monitors and uploads AED data such as device status, self-test results and location information to facilitate remote AED maintenance and emergency treatment. This product can upload information regarding the real-time status and location of an activated AED, and record events and sounds throughout AED operation. It enables the tracing and real-time remote monitoring of AEDs and thus improves the efficiency of first aid.

Product Usage Instructions

1. Before using the product, read the user manual carefully to ensure correct use. Keep the manual in an accessible location for future reference.
2. Ensure that the product is operated according to the user manual.
3. All replacement parts involved in maintenance, accessories, and consumables should be original parts or approved by Jousing Medical.
4. The product should be dismantled and repaired only by a professional recognized by Housing Medical.
5. To install and prepare the product, follow the instructions in section 3 of the user manual, which includes first checks, connection, and activation of the product.
6. To maintain and monitor the product, follow the instructions in section 4 of the user manual, which includes routine maintenance and monitoring of the AED data.
7. If any issues arise while using the product, refer to section 5 of the user manual for troubleshooting steps.
8. To replace any accessories, follow the instructions in the section of the user manual, which includes replacing the data collector battery, pairing with a new AED, and replacing the data collector.

Product Notice

Before using the product, please read this user manual carefully to ensure correct use. Please keep this manual in an accessible location after reading for easy reference in the future. Jousing Medical reserves the final right to interpret this manual.

Manual version: Version A

Intellectual Property Rights

The intellectual property rights of this manual and the corresponding product belong to Jousing Medical Co., Ltd. (hereinafter referred to as Jousing Medical). Without the permission of Jousing Medical, no part of this manual may be reproduced, modified, translated, transcribed, or stored in a retrieval system by any means or in any form by any person or organization.

Note

Housing Medical is responsible for the safety, reliability and performance of the product, provided that all the following requirements have been duly met.

- The product is operated according to this manual;
- All replacement parts involved in maintenance, accessories and consumables are original parts or are approved by Jousing Medical;
- The product is dismantled and repaired by a professional recognized by Jousing Medical.

Product Description

Intended Use

The JOUlink data collector automatically monitors and uploads AED data such as device status, self-test results and location information to facilitate remote AED maintenance and emergency treatment.

This product can upload information regarding the real-time status and location of an activated AED, and record events and sounds throughout AED operation. It enables the tracing and real-time remote monitoring of AEDs and thus improves the efficiency of first aid.

Operational Requirement

JOUlink should be used with the iAED-S1 from within the carrying case exclusively designed for Jousing products.

Reference ID

The reference ID of the device is ICONNECTOR-C1.

Structural Components

Product Components

The JOUlink product includes the main unit and the battery pack as shown in Figure 2-1.



Main Unit



Battery Pack: Non-rechargeable
battery (REF: BAT10631)

Product Appearance

The buttons, indicators and markings on the exterior of the main unit are shown in Figure 2-2 and Table 2-1.



Front



Back

| NO. | Name | Function |
|-----|---------------------------|--|
| 1 | Detector Switch | Detect if the device is on or off. |
| 2 | Audio Transmission Outlet | Transmit sound of microphone and buzzer. |

| | | |
|----|-------------------------------|--|
| 3 | Optical Transmission Outlet | Detect if the device is on or off using a light sensor. |
| 4 | Activation Button | Press the button for 1 second when the device is in standby mode to start connection and activate the device. |
| 5 | Status Indicator | Indicate the status of an active device. A green indicator implies the device is ready for use while a red indicator implies the device has detected an abnormality. |
| 6 | Low Battery Indicator | Indicate the battery remaining of an active device. If the battery remaining is sufficient, the indicator remains off. If the battery remaining is low, the indicator switches red. |
| 7 | Internet Connection Indicator | Indicate the network connection status. If the device is not connected, the indicator remains off. If the device is connected or in communication, the indicator will continuously flash. |
| 8 | AED Link Indicator | Indicate connection status to the AED Bluetooth. If the device is not connected, the indicator remains off. If the device is connected, the indicator will remain lit. |
| 9 | Battery Cover | Seal the battery compartment. Open to replace the battery or SD card. |
| 10 | Label | Indicate the name, REF, ID and other information about the device. |

Installation & Preparation

First Check

Check if the package seal and labeling are intact upon receipt. Open the package and confirm all components listed below are included.

| NO. | Name | Quantity | Position |
|-----|--------------|----------|------------------|
| 1 | Main Unit | 1 | In the package |
| 2 | Battery Pack | 2 | In the main unit |
| 3 | User Manual | 3 | In the package |

Connect and Activate

JOULink can be activated by pairing with a Jousing's iAED-S1 and connecting to the Internet. Scan the QR code on the AED main unit for detailed activation steps in the WeChat applet.

Functional Specifications

AED Routine Maintenance

- JOULink can access and upload data such as the operating status of the AED regularly (every week by default). By using the account number and password provided by Jousing Medical, users can log in to the AED management system
- JOUnet (www.jousing.cn) or WeChat applet "AED First-aid Map" to access information such as AED location and status and the expiration dates of its battery and pads.
- If the AED malfunctions, please contact Jousing Medical for service by using the "AED First-aid Map" applet or by calling 400-820-9952.

AED Routine Maintenance

Users can log in to JOUnet by using the account number and password provided by Jousing Medical to check AED operating status in real-time.

- Once the carrying case is opened, the AED data collector can monitor AED use in real-time. The AED use can also be reviewed on JOUnet;
- The data collector updates the location and starts audio recording automatically when it detects that the AED is turned on. The data collector can also update information such as AED location to JOUnet in real-time. Authorized users can monitor AED operation on the cloud platform.
Note: Please close the carrying case promptly after use to prevent unnecessary consumption of the data collector battery.

Troubleshooting

| NO. | Issue | Possible Causes | Recommended Action |
|-----|---|---|--|
| 1 | The status indicator is red. | The data collector needs repair. | Contact Jousing Medical for service. |
| 2 | The low battery indicator is red. | The battery power is low. | Replace the battery pack. |
| 3 | The activation button does not work. | 1. No battery pack is installed. 2. The button has been damaged. | 1. Install the battery pack. 2. Contact Jousing Medical for service. |
| 4 | After the activation button is pressed, the data collector chirps three times and fails to connect to the Internet. | Long press the button (hold for more than 10 seconds). | Press the activation button for 1 second and stop after the data collector chirps. The data collector should activate and connect to the Internet. |
| 5 | The status indicator and the AED link indicator simultaneously flash for 5 seconds, while the data collector chirps for 5 seconds. | The AED cannot be found. | 1. Ensure the data collector is within 1 meter of the AED. 2. Ensure no other AED is switched on within 5 meter of the data collector. |
| 6 | The status indicator and the Internet connection indicator simultaneously flash for 5 seconds, while the data collector chirps for 5 seconds. | The data collector cannot connect to the Internet. | Ensure your mobile phone signal is strong (no less than 3 signal bars). |

Accessory Replacement

6.1 Replace the Data Collector Battery

- Remove the battery cover: As shown in the figure below, press the two buckles with both hands to remove the



battery cover.

- Unplug the battery pack and remove it.
- Plug in a new battery pack and insert it according to the figure below.



- Install the battery cover: Set the battery cover and clip it into the sockets.

Pair with a New AED

- Take JOUlink out from the carrying case and wait for about two minutes until it goes into standby mode. Scan the QR code on the ready-to-match AED's tag to access the WeChat applet and then follow the instructions.

Replace the Data Collector

- Scan the QR code on the ready-to-match AED main unit's tag to access the WeChat applet and then follow the instructions.

Technical Specifications

Physical Specifications

| Item | Specification |
|------------------------------|------------------|
| Size | 154mm*106mm*34mm |
| | 154mm*106mm*34mm |
| Weight (battery included) | About 270g |

Environmental Requirements

| Item | Specification |
|-----------------------|--|
| Operating environment | Operating temperature: -10°C~+60°C |
| | Relative humidity: 5%~95% (non-condensing) |
| | Atmospheric pressure: 480hPa~1060hPa |
| Ingress Protection | IP55 IP54 |

Performance Indicators

| Item | Specification |
|--|---|
| Frequency of regular data upload | Weekly or daily (configurable) |
| Recording length | A single recording length of up to 60 minutes (default and configurable) and a total of at least 7 hours (new battery and moderate temperature) |
| Continuous positioning and monitoring length | A total of at least 7 hours (new battery and moderate temperature) |
| Recording storage capacity | 120 hours |
| Shelf life in standby mode | 5 years (moderate temperature and weekly activation) |

Product Warranty

The device manufacturer provides an appropriate range of warranty services within the warranty period. When claiming a warranty, users must show proof of purchase including dealer name and purchase date. Warranty does not cover the following:

- Use not following the user manual
- Incorrect operation of the device
- Improper usage or handling
- The device was disassembled by unauthorized personnel
- Force majeure such as a lightning stroke

- Damage caused by improper packaging during transportation back to Jousing
- Device damage caused by the use of non-approved spare parts
- Consumables such as batteries beyond the warranty

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Website: www.jousing.com

After-sales Services: Jousing Medical Co., Ltd.

Documents / Resources



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JOUlink AED Data Collector, JOUlink, AED Data Collector, Data Collector, Collector

References

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