JOUSING®
久心医疗

JOUlink AED Data Collector
User Manual

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AED First-aid Map

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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

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Note

Jousing 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.

Contents

1 Product Description

1.1 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.

1.2 Operational Requirement

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

1.3 Reference ID

The reference ID of the device is ICONNECTOR-C1.

2 Structural Components

2.1 Product Componentsnents

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)

Figure 2-1 Product Components

2.2 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

Figure 2-2 Exterior of the Main Unit

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.

Table 2-1 Description of the Exterior of the Main Unit

3 Installation & Preparation

3.1 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

3.2 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.

4 Functional Specifications

4.1 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.

4.2 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 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.

5 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).

6 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.

Press here

- 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.

6.2 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.

6.3 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.

7 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℃~+60℃ 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)

8 Product Warranty

The device manufacturer provides an appropriate range of warranty services within the warranty period. When claiming 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
- Device 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