

# FRED PA-1 FRED PA-1 ONLINE

Simplicity as a priority - the AED for everyone

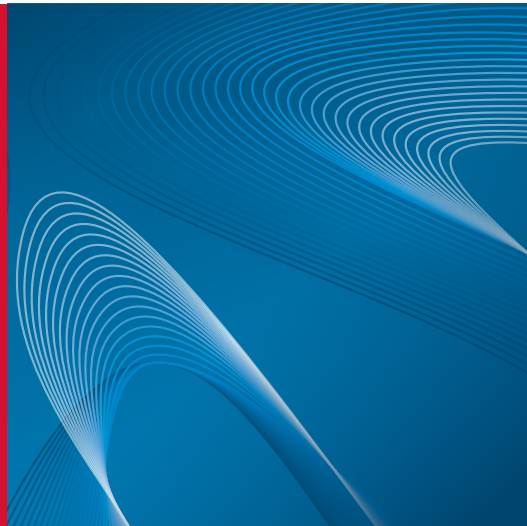


# FRED PA-1

The public access AED for everyone

With SCHILLER's FRED PA-1 any untrained user can save lives:

- ∴ Clear step-by-step guidance
- ∴ Real-time CPR feedback
- ∴ Automatic or semi-automatic



## IT CONCERNS ALL OF US

Every year, sudden cardiac arrest hits over 7 million people worldwide – without warning.

Defibrillation restores the heart's rhythm with a life-saving electric shock. Combined with chest compressions, this is the only effective treatment for sudden cardiac arrest.

## UP TO 10 YEARS WARRANTY

SCHILLER provides peace of mind by offering an extended warranty of up to 10 years. If the device fails under warranty, it will be replaced with a new one.

## EVERY MINUTE COUNTS

During a cardiac arrest, the chance of survival decreases by about 10 % every minute.

If the victim is unconscious and is not breathing normally, chest compressions and rescue breaths (CPR) need to be performed immediately.

CPR doubles the survival rate and the early use of an Automated External Defibrillator (AED) can lead to survival rates of up to 75 %.

In an emergency, procedures that would normally be easy to follow can be confusing. The SCHILLER Group therefore focuses on developing easy-to-use devices, enabling quick action during an emergency.

## READY WHEN NEEDED

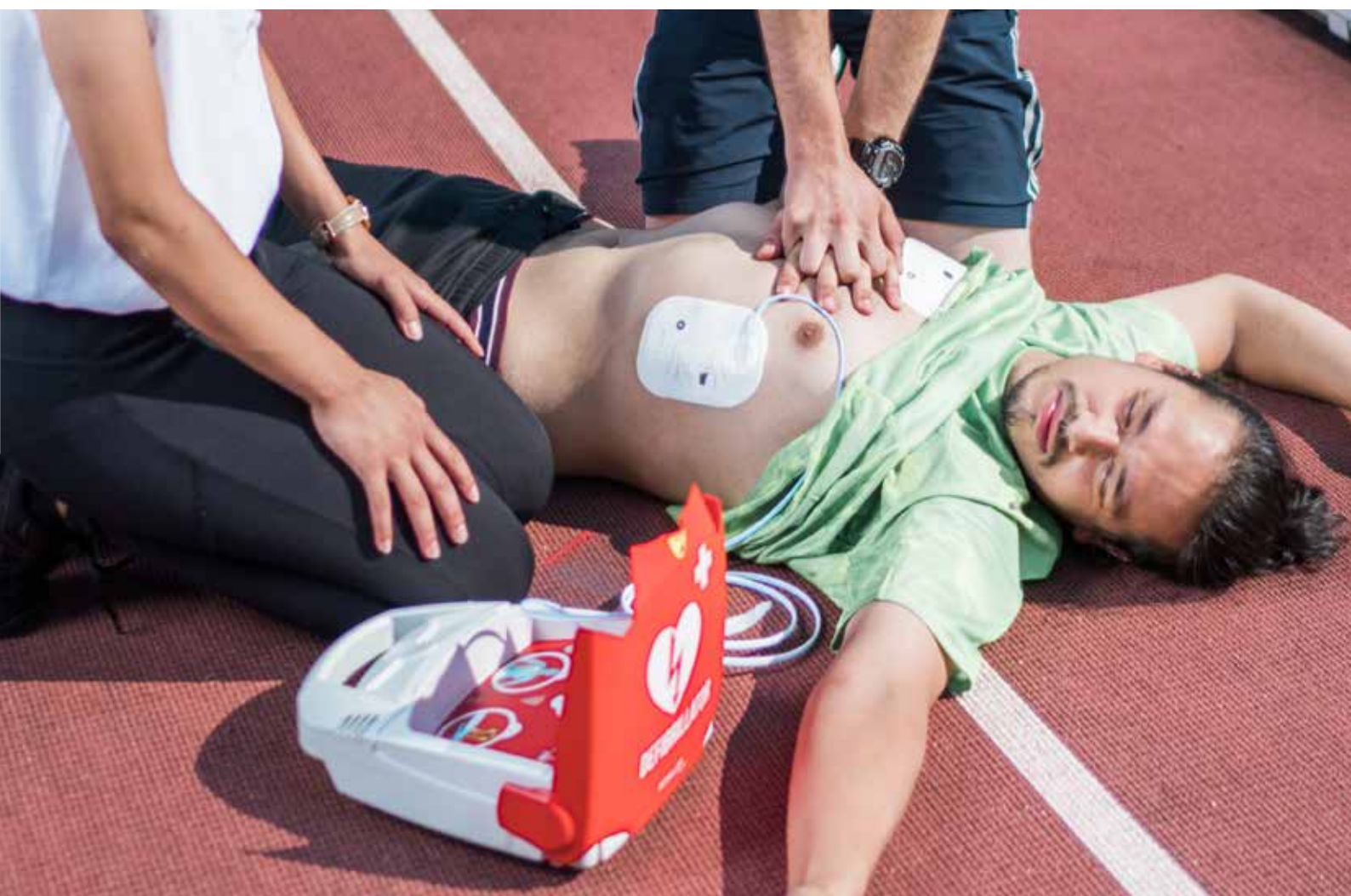
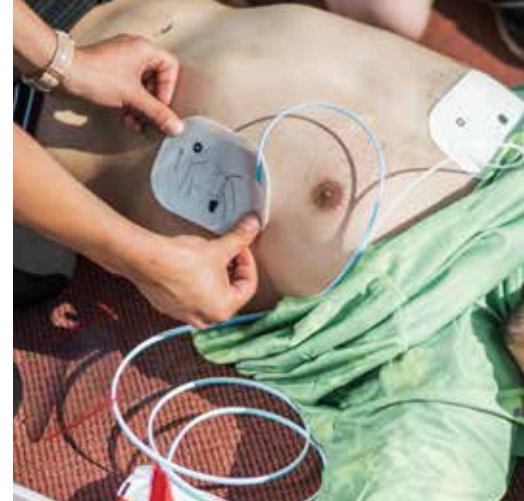
When you lift the device cover, the FRED PA-1 starts up immediately. The pre-connected electrodes only need to be applied to the patient's chest. Systematic pre-charging allows shock delivery as soon as necessary.

## FOR ALL TYPES OF PATIENTS

Used with adult or child electrodes, the FRED PA-1 automatically recognises the electrode type and adjusts the defibrillation energy accordingly.

A set of child electrodes can be safely stored at the back of the device.

If child electrodes are not available, a child adapter can be used together with adult electrodes to treat paediatric patients.



### REAL-TIME CPR FEEDBACK

Defibrillation is not enough. To maintain a good supply of oxygen to the organs, chest compressions need to be done correctly to restore a proper blood flow. The FRED PA-1 helps you to achieve the highest efficiency in chest compressions by:

- ❖ indicating the right positioning of the hands
- ❖ setting a regular rhythm (metronome)
- ❖ providing real-time feedback on chest compression frequency, without an additional sensor (FreeCPR, option)

### MULTILINGUE (OPTION)

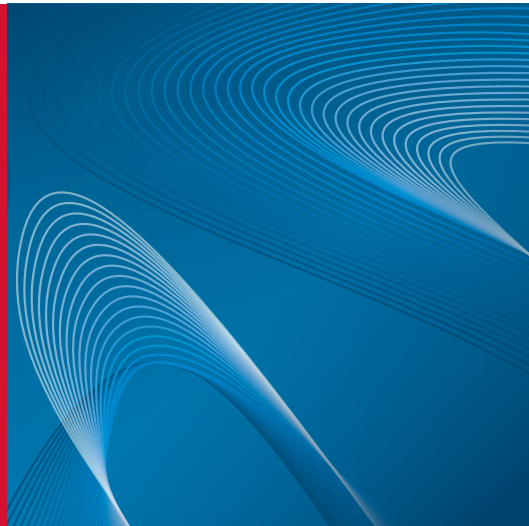
The FRED PA-1 will adapt to any cosmopolitan environment. Depending on the device configuration, three predefined languages can be selected for the device. If only one language is configured, the language selection button automatically becomes a repeat function for voice instructions.

# FRED PA-1 Online and LifeDataNet G2

The solution for your AED fleet management

The connected AED FRED PA-1 Online enables:

- Remote supervision and fleet management
- Secure data transmission
- Localisation of devices on a map
- Status checks for the AED and its consumables



## REMOTE FLEET MANAGEMENT

While you still need to walk past certain devices to check their status, the FRED PA-1 Online and LifeDataNet G2 remote fleet management system will let you manage it all from your desktop, tablet or smartphone.

## ALWAYS CONNECTED

Connected via cellular network, the FRED PA-1 Online guarantees quick and easy installation: position the defibrillator where it is needed and you are good to go!

LifeDataNet G2 is a powerful management solution: easily visualise your AEDs on an interactive map, check if all devices are in working order or whether they need your attention.

Software updates can be scheduled and performed remotely, from anywhere.

## FOR PEACE OF MIND - KNOW THE DEVICE IS READY TO USE

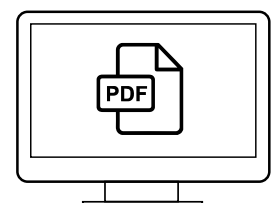
An e-mail notification is sent if the self-test detects a device abnormality, low battery level or expiring electrodes, etc.

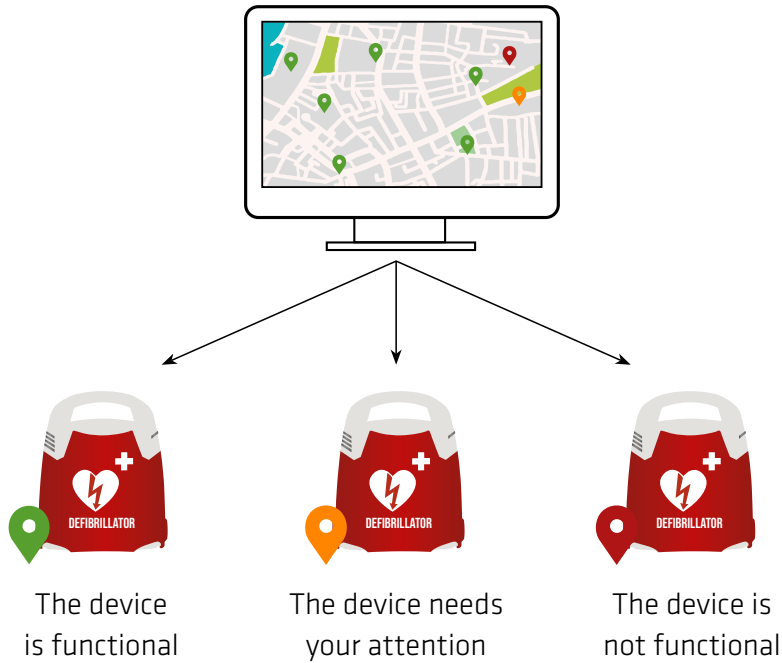
## SECURE DATA TRANSMISSION

The FRED PA-1 Online's cellular network connection enables safe transmission of intervention data to the LifeDataNet G2 server.

Intervention data is saved in PDF format directly on LifeDataNet G2, for easy review.

Hosted by an approved provider for health and medical data (ISO 27001), LifeDataNet G2 is a robust solution that complies with the highest security standards.

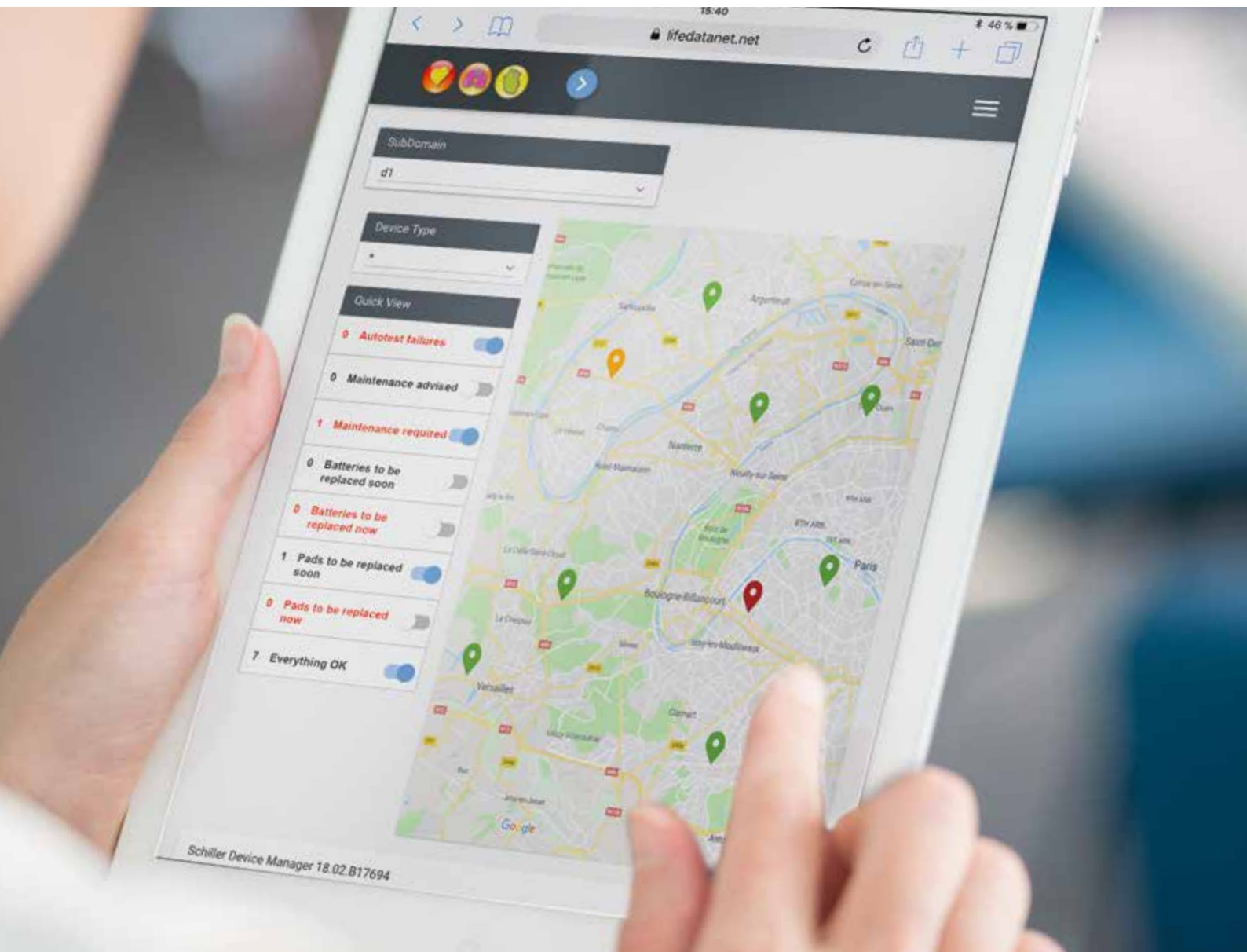




## TIME AND MONEY SAVER

The FRED PA-1 Online with LifeDataNet G2 revolutionises AED fleet management:

- ✦ Locate each of your devices
- ✦ Visualise your AED fleet's status on a map
- ✦ Check consumables condition (battery, electrodes)
- ✦ Be notified in case of an abnormality (e.g. connection timeout, expiring electrodes) and when a device is in use
- ✦ Update your device remotely and effortlessly, without any technical intervention or device replacement

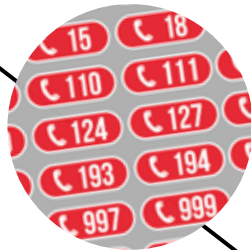


## DEFIBRILLATION ELECTRODES

Electrodes are immediately accessible and easily recognisable. The electrodes are RFID-tagged to check the expiry date.

## EMERGENCY NUMBER

The FRED PA-1 first advises the rescuer to call the rescue services and indicates the appropriate phone number (customisable).



## CHILD ADAPTER

A reusable, bear-shaped child adapter attaches to the handle with a strap. It can be stored under the device cover. It must be used together with adult electrodes as an alternative to the child electrodes.



## FAST SET-UP

Pre-connected electrodes allow faster application of the electrodes to the patient's chest; analysis starts automatically.

## READY TO USE

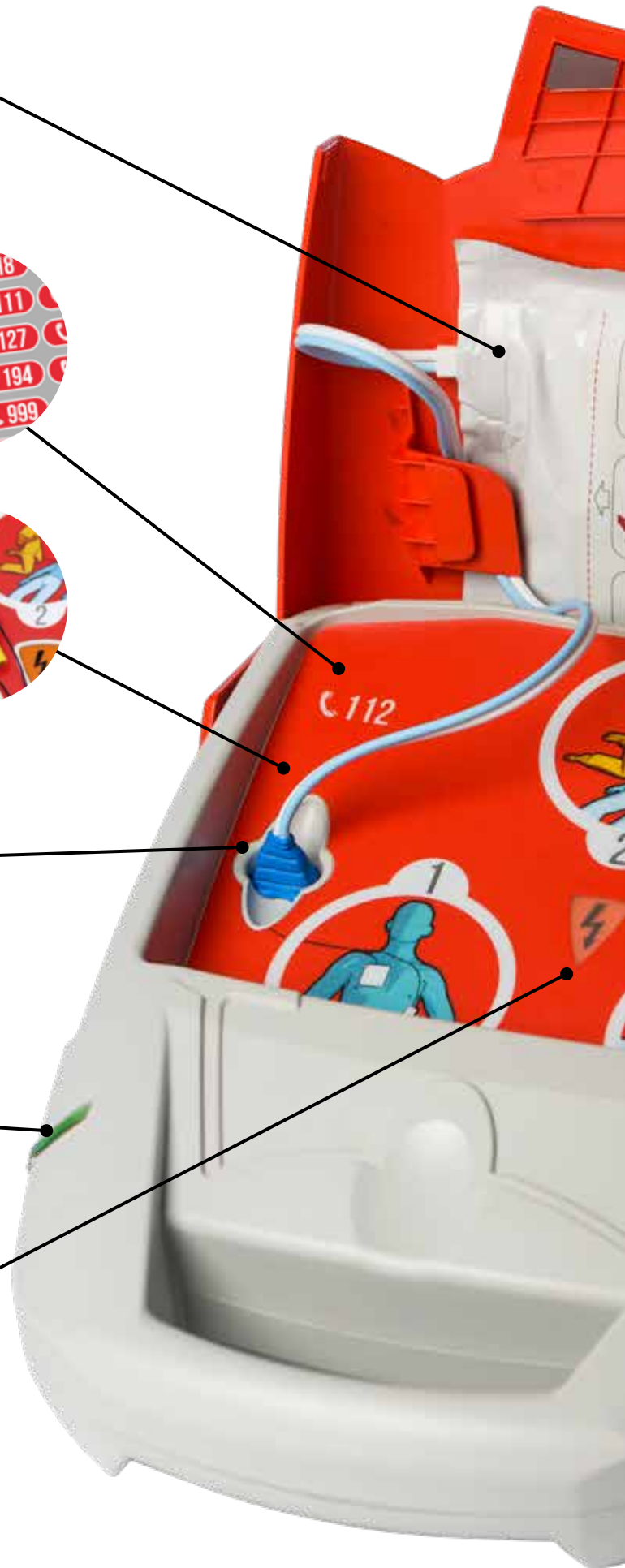
The FRED PA-1 automatically performs a regular self-test and indicates its status.

## AUTOMATIC OR SEMI-AUTOMATIC

The FRED PA-1 analyses the patient's heart rhythm and determines whether a shock is necessary.

In the automatic version, the FRED PA-1 delivers the shock with no additional action required by the rescuer.

In the semi-automatic version, the FRED PA-1 prompts the rescuer to deliver the shock by pressing the shock button.





## MULTILINGUAL OR REPEAT FUNCTION

Choose among many language packages (option). If only one language is configured, the language selection button automatically becomes a repeat function for voice instructions.

## DATA MANAGEMENT

The FRED PA-1 stores intervention data that can easily be retrieved using an SD card. With the FRED PA-1 Online, intervention data can be accessed using LifeDataNet G2.

## CLEAR GUIDANCE

Three simple illustrations and spoken instructions for a clear understanding.

## CLEAR OPERABILITY INDICATIONS

In case of an abnormality, the FRED PA-1 provides warnings: acoustic signal and LEDs indicate the device's state and the required actions (replacing the battery, the electrodes, etc.).

The FRED PA-1 Online can also be supervised using the LifeDataNet G2 management system.

The battery guarantees a long autonomy of 6 years (3 years for the FRED PA-1 Online version).

## DESIGNED TO LAST

With IP55 classification, the FRED PA-1 resists ingress of dust and water spills.



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The Art of Saving Lives