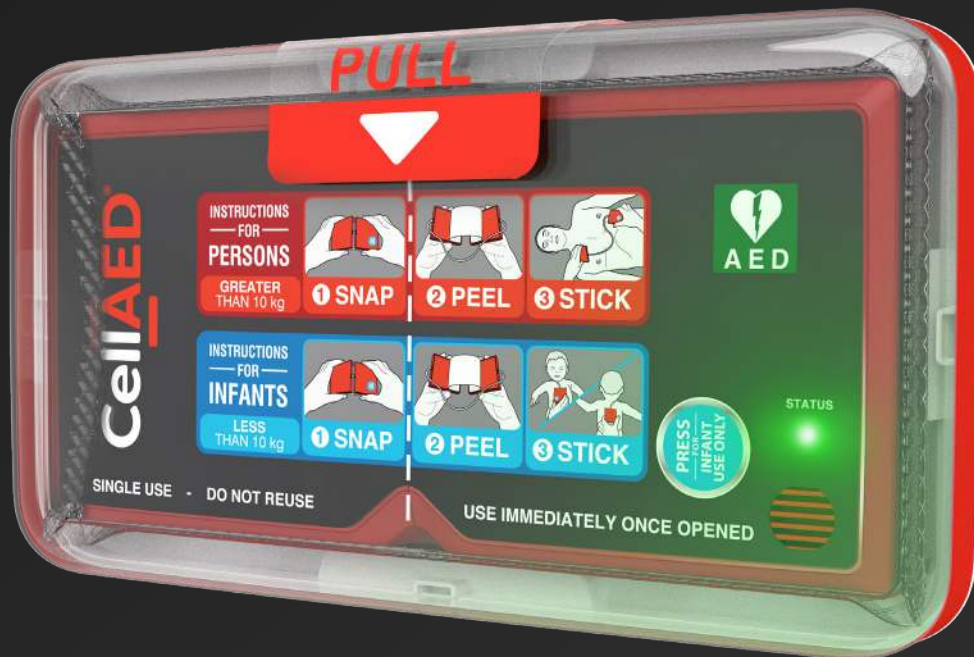


CellAED®

it's personal.™



Your handheld, smart, personal defibrillator

For every home, business
and community.

CellAED® is designed to save lives from sudden cardiac arrest. An arrest can happen to anyone, anywhere, at any time.

When sudden cardiac arrest happens, your heart stops pumping blood. Within seconds, people experiencing cardiac arrest fall unconscious. At that point, you have only minutes for someone to save your life.

To save you, someone nearby needs to call emergency services, start CPR, and apply an automated external defibrillator (AED). An AED can coach people to provide CPR and provide a small electrical shock to the heart to start it beating normally again. With CellAED®, you can ensure there is always an AED nearby to help save your life, or the life of someone you love, when sudden cardiac arrest happens.

Visit cellaed.io

CellAED® IS A PRODUCT OF

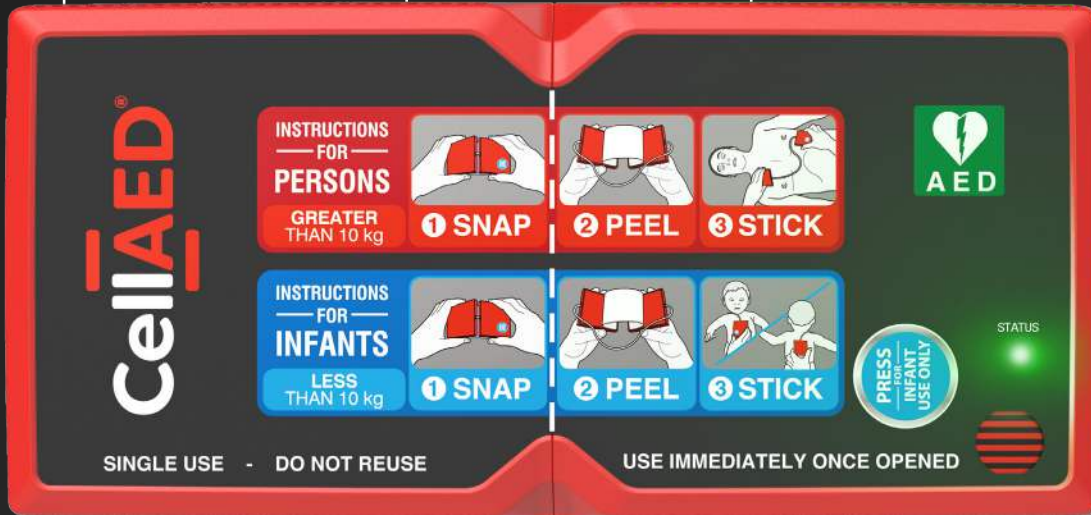


Be prepared and confident to act quickly to save a life. CellAED® can be applied in seconds.

Graphics show how to apply CellAED® on both adults and infants.

A perforated label marks the place for easy snap activation.

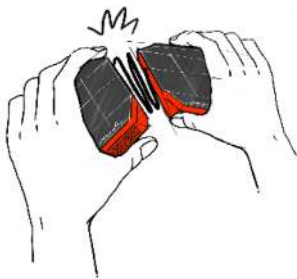
Audio speaker gives instruction on what to do, every step of the way.



Infant mode button for use on infants weighing less than 10 kg.

Length: 19.6 cm
Width: 9.3 cm
Depth: 1.7 cm
Weight: Approx. 300g and 450g including protective case

LED indicator with periodic flashing showing the status of your CellAED®.



SNAP

Power CellAED® by snapping in half along perforated centre line. This will automatically start the audio instructions guiding you on what to do, every step of the way.



PEEL

Remove the protective liner under your CellAED® by continuing to separate the two halves. This will expose the integrated gel pads and extend the connecting cable.



STICK

For adults, place each half of the CellAED® on the bare chest (as shown). For infants, place one half on the infant's chest and the other half on the infant's back.

CellAED® Technical Specifications



User Interface

Fully integrated CellAED® includes visual instructions for activation and pad placement, voice prompts and audible tones.

Power on Snap CellAED® in half along perforated centre line

CellAED® status LED colour indicator:

Periodic flashing green*	Ready for use if your CellAED® is within expiry date. If expired, your device will not function as intended.
Periodic flashing amber*	Indicates that the battery is low and your CellAED® should be replaced immediately. Until replacement arrives, your CellAED® should still be used in an emergency.
Steady red	Stand clear, shock about to be delivered.
No LED	Battery has expired. Replace CellAED® immediately.

*Flashing approximately every 30 seconds

Audio prompts Step-by-step audio voice instructions with 16 unique guided messages (75 dBA)

CPR coaching 2-minute metronome (beep) guidance

Infant mode Button activation for infants weighing less than 10 kg

Dimensions

Stored in a tamper-evident protective outer case until required to open for emergency use. CellAED® is then sealed inside a transparent bag to preserve the functionality of the electrode pads.†

Dimensions	CellAED®	CellAED® in protective case
Length	19.5 cm	21.2 cm
Width	9.3 cm	11.2 cm
Depth	1.7 cm	2.8 cm
Weight	Approx. 300g	Approx. 450g

Defibrillator Performance

Patented automated external defibrillator (AED). Detecting shockable rhythms such as VF (ventricular fibrillation) and VT (ventricular tachycardia) and non-shockable rhythms.

Waveform Equal leading-edge biphasic exponential waveform

Phase 1 Peak Current Up to 45 Amps

Phase 2 Peak Current Up to 45 Amps

Patient impedance range 25 to 175 Ohms

Time to shock < 50 seconds from power on activation

Maximum operating time Up to 20 defibrillation cycles (approximately 45 minutes)

ECG Analysis

System exceeding the requirements set by medical regulations including IEC 60601-2-4 and International Liaison Committee on Resuscitation (ILCOR)

Battery

Fully integrated pre-charged battery.

Type Non-rechargeable Lithium

Battery indicator Flashing LED system (See CellAED® status)

Electrode Pads

Fully integrated electrode gel pads on the underside of CellAED®.

Material Hydrogel†

Dimensions 8.86 x 9.34 cm

Contact area Total combined area 165.50 cm²

Connection 1 m electrical cable

Environmental Specifications

All performance specifications assume your CellAED® has been stored within storage requirements.

Operating temperature 0 to 35°C

Storage temperature 15 to 35°C always store your CellAED® within this required temperature range

Transport temperature 0 to 35°C

Altitude -100 m to 4,000 m

Atmospheric pressure 60 kPa to 102 kPa

Relative humidity 0 to 95% relative humidity (non-condensing)

Product Expiry 2 years

Ingress protection IP 22

Data Communication

Each CellAED® has a uniquely identified serial number. Through Internet of Things (IoT) capabilities, it can monitor the data from your CellAED® that is captured, stored, and transmitted.

Type Internal sim operating on cellular 2G or 3G network

Monthly monitoring Automatic monitoring CellAED® location, ambient temperature and battery voltage

Event data capture Heart rhythm analysis, number of defibrillation cycles and whether defibrillation was delivered

Event data storage Saved internally on CellAED® and uploaded to secure cloud location via cellular network upon deactivation. To deactivate, stick the pads together with the gel-sides touching until it says "device deactivated".

Rapid Response Revival Headquarters
2-6 Skinner Avenue
Riverwood, NSW 2210 Australia

Email: support@rapidresponserevival.com.au
Website: rapidresponserevival.com



RRR Manufacturing Pty Ltd
2-6 Skinner Avenue
Riverwood, NSW 2210
Australia

†Product will not function as intended if past expiry date or transparent bag is open or removed.

UK 0086 CE 0297

Designed in Australia

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