



**DESIGNED FOR UNEXPECTED HEROES**

## ABOUT ZOLL MEDICAL



Named after founder Paul M. Zoll, M.D., a pioneer in cardiac pacing and defibrillation, ZOLL Medical was built on a strong foundation of clinical care and innovation that has continued for three decades.

ZOLL Medical Corporation, an Asahi Kasei Group Company, develops and markets medical devices and software solutions that help advance emergency care and save lives, while increasing clinical and operational efficiencies. With products for defibrillation and monitoring, circulation and CPR feedback, data management, therapeutic temperature management, and ventilation, ZOLL provides a comprehensive set of technologies that help clinicians, EMS and fire professionals, and lay rescuers treat victims needing resuscitation and acute critical care.

The Asahi Kasei Group is a diversified group of companies led by holding company Asahi Kasei Corp., with operations in the material, homes, and health care business sectors. Its health care operations include devices and systems for acute critical care, dialysis, therapeutic apheresis, transfusion, and manufacture of biotherapeutics, as well as pharmaceuticals and diagnostic reagents. With more than 30,000 employees around the world, the Asahi Kasei Group serves customers in more than 100 countries.

For more information, visit [www.asahi-kasei.co.jp/asahi/en/](http://www.asahi-kasei.co.jp/asahi/en/).

## Supporting the Chain of Survival

The best way to increase the chance of saving sudden cardiac arrest victims is to remember and follow every link in the Chain of Survival: Early Access, Early CPR, Early Defibrillation and Early Advanced Care. This is why the ZOLL AED 3® and AED Plus® defibrillators support the full Chain of Survival with their unique graphical interfaces as well as text displays and voice prompts that help the rescuer every step of the way.

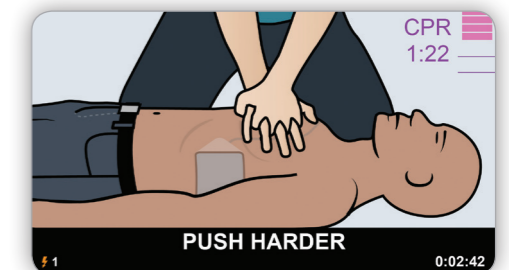
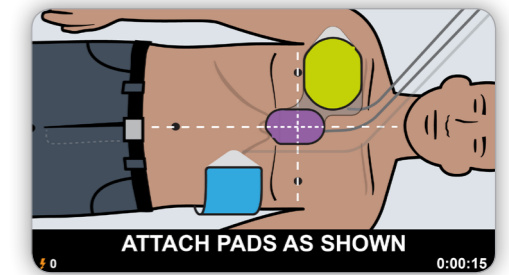
## WHAT MAKES ZOLL DIFFERENT

### Real CPR Help

The Resuscitation Council UK emphasise the need for good quality cardiopulmonary resuscitation (CPR) in sudden cardiac arrest (SCA) and also highlight the difficulty in delivering this over a prolonged period of time. With this in mind, ZOLL developed a unique technology called Real CPR Help®, which is incorporated into all of our defibrillators. Real CPR Help provides real-time feedback on the rate and depth of chest compressions to improve the quality of CPR being delivered.

ZOLL offers the only AEDs that support rescuers with integrated text, voice, and visual prompts and real-time feedback on compression rate and depth to administer high-quality CPR.

Studies demonstrated that a person would be 2.72 times more likely to survive a cardiac arrest with a ZOLL defibrillator due to Real CPR Help technology<sup>1</sup>.



<sup>1</sup>Bobrow BJ, et al. *Ann Emerg Med.* 2013 Jul;62(1):47-56.e1. Epub 2013 Mar 7.



## PRODUCT RANGE DEFIBRILLATION

# ZOLL AED 3®

The ZOLL AED 3 defibrillator builds on our reputation for providing rescuers with unmatched support and a low total cost of ownership. ZOLL AED 3 embodies all of the same great qualities of its predecessor while offering advanced features to provide unrivalled rescuer support.

### Enhanced Real CPR Help®

ZOLL AED 3 has proven Real CPR Help technology with enhanced features, including full-colour images that guide users through the rescue.

### RapidShock™ Analysis

RapidShock™ Analysis technology enables the shortest rhythm analysis for more continuous life-saving CPR. Minimising the pre-shock pause and providing more CPR can improve patient outcomes.

### Integrated Paediatric Rescue

Universal pad design provides rescuers with a single, confident solution to treat both adult and paediatric victims of SCA by using the same set of electrode pads and simply activating child mode.

### WiFi Connectivity

Easily manage your suite of devices via the cloud. Our Programme Management solution helps you monitor and manage all of your AEDs and will immediately notify you of a failed self-test so you can be sure you are prepared for an emergency.



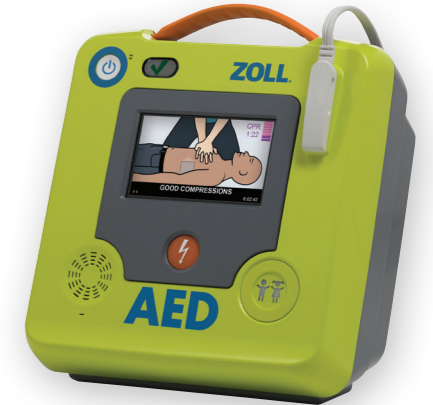
## ZOLL AED 3®

### Semi-automatic AED designed for lay rescuers

High-resolution colour touchscreen LCD display with easy-to-follow graphics, Programme Management, and Real CPR Help® providing real-time visual and audible feedback on the rate and depth of chest compressions. WiFi-enabled for PlusTrac™ Cloud Connection, ZOLL RescuNet® Case Review, clinical event case push, and UTC synchronization. IP55 rated and passes 1-meter drop test. USB port for data upload or software download.

#### Supplied with:

- ZOLL AED 3 Battery Pack Disposable lithium Ion (up to 5 years standby time)
- CPR Uni-padz® Universal (Adult/Paediatric) electrodes (5-year shelf life). Also includes Rescue Accessory Pack containing scissors, non-latex gloves, barrier face shield, medi-swab and towelette.
- One free year of PlusTrac, Operator's Manual, Quick Start Guide, and Rescue Reference Poster.
- 6-year standard warranty (additional 2 years with registration).



Product Code	Description
8501-001201-07	Semi-automatic ZOLL AED 3

## ZOLL AED 3® Automatic

### Fully automatic AED designed for lay rescuers

High-resolution colour touchscreen LCD display with easy-to-follow graphics, Programme Management, and Real CPR Help® providing real-time visual and audible feedback on the rate and depth of chest compressions. WiFi-enabled for PlusTrac™ Cloud Connection, ZOLL RescuNet® Case Review, clinical event case push, and UTC synchronization. IP55 rated and passes 1-meter drop test. USB port for data upload or software download.

#### Supplied with:

- ZOLL AED 3 Battery Pack Disposable lithium Ion (up to 5 years standby time)
- CPR Uni-padz® Universal (Adult/Paediatric) electrodes (5-year shelf life). Also includes Rescue Accessory Pack containing scissors, non-latex gloves, barrier face shield, medi-swab and towelette.
- One free year of PlusTrac, Operator's Manual, Quick Start Guide, and Rescue Reference Poster.
- 6-year standard warranty (additional 2 years with registration).

Product Code	Description
8501-001202-07	Fully Automatic ZOLL AED 3



# ACCESSORIES

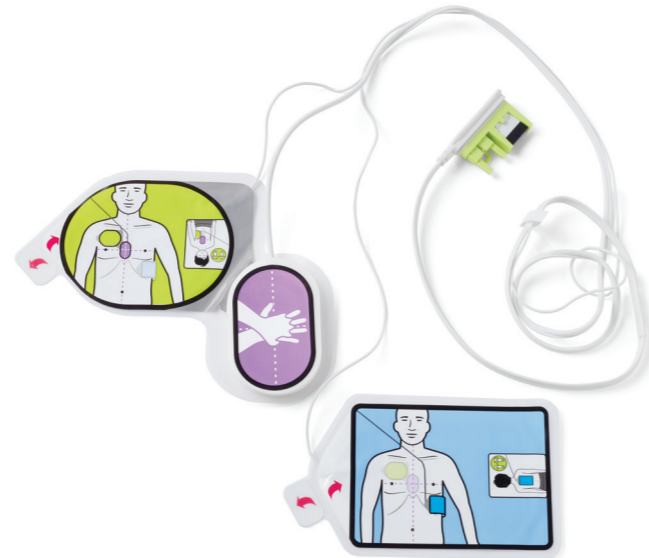
## ZOLL AED 3



### CPR Uni-padz® Universal

CPR Uni-padz® Universal (Adult/Paediatric) one-piece electrode with built-in Real CPR Help® technology that provides real-time feedback on the quality of compressions. The CPR Uni-padz® Electrodes sense and report the motion of rescuers' chest compressions to the ZOLL AED 3.

Product Code: 8900-000260



### Key Features

- Suitable for both Adult and Paediatric.
- Easy-to-place one-piece electrode.
- Pre-connected CPR Uni-padz are ready for rescue with simple pull tabs and a pair of scissors for fast electrode placement.
- Accelerometer built into pads to measure rate and depth of compressions.
- Adjustable electrode allows for positioning on larger/overweight patients.
- Includes rescue accessory pack containing scissors, non-latex gloves, barrier face shield, medi-swab and towelette.
- 5-year shelf life.



### ZOLL AED 3® Battery Pack

Lithium Manganese Dioxide battery pack

#### Key Features

- Up to five years standby time
- Regularly reports its status to Programme Management
- Can be easily assessed from the touchscreen in Management Mode

Product Code: 8000-000696



## Bags

Product Code	Description
8000-001250	ZOLL AED 3 carry case
8000-001251	Spare battery case for ZOLL AED 3 carry case
8000-001252	Replacement shoulder strap for ZOLL AED 3 carry case



8000-001250

## Mountings/Cabinets

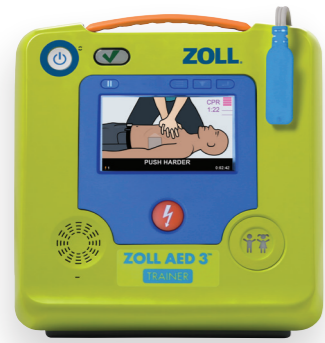
Product Code	Description
8000-001255	ZOLL AED 3 wall mount bracket (device only)
8000-001266	ZOLL AED 3 case wall mount bracket (device stored in carry case only)
8000-001256	Standard surface wall cabinet includes alarm, setup instructions, and ILCOR label set
8000-001257	Semi-recessed wall cabinet includes alarm, setup instructions, and ILCOR label set
8000-001258	Fully recessed wall cabinet
8000-001259	Strobe for standard surface wall cabinet



Further pictures of other listed cabinets can be sent on request

## TRAINING ACCESSORIES

# ZOLL AED 3



### ZOLL AED 3 Trainer

Complete ZOLL AED 3 simulation with Real CPR Help real-time CPR feedback. The ZOLL AED 3 Trainer is the only automated external defibrillator (AED) training solution that provides Real CPR Help®, real-time feedback on a trainee's compression quality. The trainer will allow students to learn proper rate and depth of CPR chest compression in a training setting. The ZOLL AED 3 Trainer is designed to closely mimic the operation of the clinical AED, offering students a more realistic rescue experience.

#### The ZOLL AED 3 Trainer includes:

- An active LCD display with full-colour rescue images that mirror what a student will see on a clinical ZOLL AED 3 device
- Contact sensors in the training pads that detect pad contact with the manikin, eliminating the need for a remote control to support rescue simulations
- An on-device pause button that allows the instructor to pause a training scenario
- Long-lasting consumables, which save time and money
- Easy USB software update/language configuration

#### 2015 AHA and ERC Guidelines Ready

Easy configuration: All configuration and training scenario management is performed on the trainer. Configurable options include:

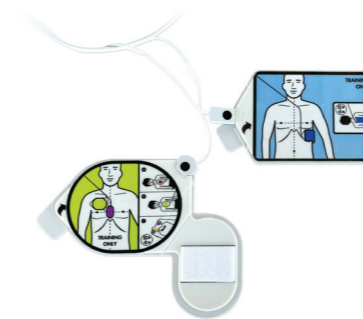
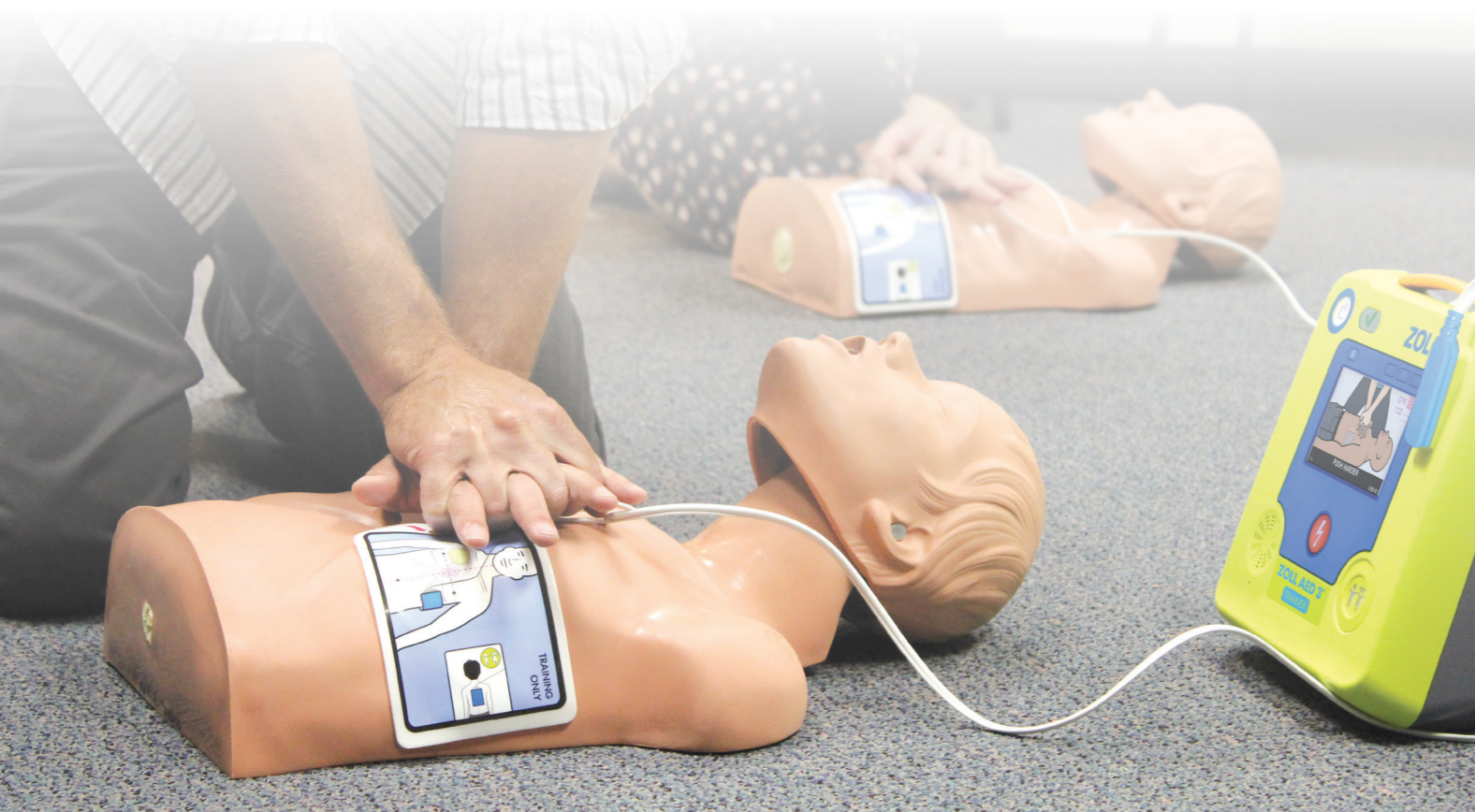
- Training scenario
- Operating mode (Semi-automatic or fully automatic)
- Lay-rescuer prompts
- Check-breathing prompts
- Voice-prompt volume
- Language (varies by part number ordered)

#### The ZOLL AED 3 Trainer includes everything an instructor needs:

Easy configuration: All configuration and training scenario management is performed on the trainer. Configurable options include:

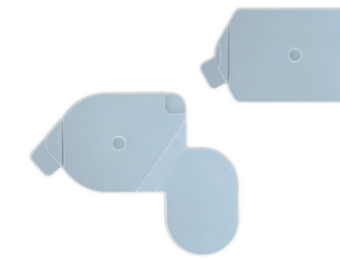
- ZOLL AED 3 Trainer device
- ZOLL AED 3 Trainer CPR Uni-padz® electrode training harness (minimum of 100 training sessions)
- Trainer electrode gels/liner for ZOLL AED 3 Trainer CPR Uni-padz (minimum of 50 training sessions)
- Four (4) D cell batteries
- Operator's Guide

Product Code	Description
8028-000001-07	English ERC
8028-000001-01	English AHA



Trainer CPR Uni-padz® electrode replacement adhesive gels

Product Code: 8028-000012 (case of 5)



Trainer CPR Uni-padz electrode replacement liners

Product Code: 8028-000013



CPR Uni-padz electrode training harness

Product Code: 8028-000010



Trainer USB Software Upgrade Kit

Product Code: 8028-000011-XX



Trainer demo manikin

Product Code: 8000-0835-01

## PRODUCT RANGE DEFIBRILLATION

# AED PLUS®

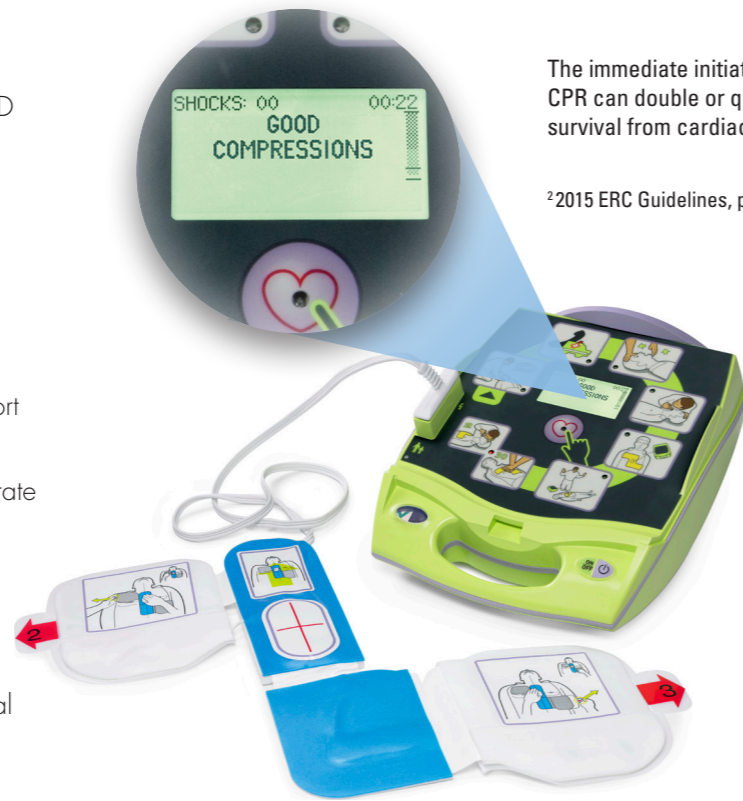
The ZOLL AED Plus defibrillator was the first AED with Real CPR Help® to help rescuers know when they are doing high-quality CPR. Today, ZOLL AED Plus continues to set the benchmark for design, dependability, durability, and performance.

### More than CPR. This is Real CPR Help.

Only half of sudden cardiac arrest victims will initially need a shock, while 100% require high-quality CPR. ZOLL offers the only AEDs that support rescuers with integrated text, voice, and visual prompts and real-time feedback on compression rate and depth to administer high-quality CPR.

### Smart investment with a low total cost of ownership

Once installed, ZOLL AED Plus has the lowest total cost of ownership compared to other AEDs. Longer-lasting batteries and pads require fewer replacement parts, adding up to considerable cost savings over time and rescue readiness in a cardiac arrest emergency.



The immediate initiation of CPR can double or quadruple survival from cardiac arrest<sup>2</sup>

<sup>2</sup>2015 ERC Guidelines, p. 83.

### Semi-automatic AED Plus—Lay Rescuers

Supplied with:

- Passive airway support lid, soft carry case, batteries, CPR-D-padz® electrode, first responder kit, operator's guide, 7-year warranty (5 years as standard, 2 years free upon registration) and instructional training DVD.

Product Code	Description
20100000102011070	AED Plus Lay Rescuer defibrillator



### Fully automatic AED Plus

Supplied with:

- Passive airway support lid, soft carry case, batteries, CPR-D-padz® electrode, first responder kit, operator's guide, 7-year warranty (5 years as standard, 2 years free upon registration) and instructional training DVD.

Product Code	Description
22300700502011050	AED Plus Fully automatic defibrillator*



### Semi-automatic AED Plus—First Responder

Supplied with:

- Passive airway support lid, soft carry case, batteries, CPR-D-padz® electrode, first responder kit, operator's guide, 7-year warranty (5 years as standard, 2 years free upon registration) and instructional training DVD.

\*Please note this device is only available with American English voice prompts.

Product Code	Description
20100000302011070	AED Plus First Responder defibrillator



# ACCESSORIES

## AED PLUS®



### Electrodes



#### CPR Uni-padz® Universal

One-piece electrode with built-in Real CPR Help® technology that provides realtime feedback on the quality of compressions. First Responder Kit is also included with the CPR-D-padz.

##### Key Features

- Easy-to-place one-piece electrode
- Accelerometer built into pads to measure rate and depth of compressions
- Adjustable electrode allows for positioning on larger/overweight patients
- Suitable for people aged 8 and over
- 5-year shelf life

##### Compatibility:

CPR-D-padz are compatible with the AED Plus, AED Pro and ZOLL's professional range of defibrillators.  
Product Code: 8900-0800-01



#### Pedi-padz® II

Two-piece electrode with Intelligent Paediatric Capability to ensure the device analyzes a child's heart rhythm.

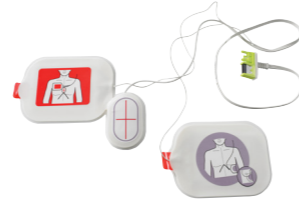
##### Key Features

- Voice and text prompts inform the rescuer that paediatric pads are connected to prevent misuse
- Separate and specific algorithms designed for children are used to analyse a young victim's heart rhythm
- Provides paediatric-specific energy levels
- Clear diagrams on packaging allow for easy placement of electrodes
- Suitable for children aged 0-8 years
- 2-year shelf life

##### Compatibility:

Pedi-padz II are compatible with AED Plus, AED Pro and ZOLL's professional range of defibrillators.

Product Code: 8900-0810-01



#### CPR Stat-padz®

Two-piece electrode for use with ZOLL's manual defibrillators.

##### Key Features

- The two-piece construction ensures all options are available to the ALS responder
- Accelerometer built into pads to measure rate and depth of compressions
- Suitable for people aged 8 and over
- 2-year shelf life

##### Compatibility:

CPR stat-padz are compatible with AED Plus, AED Pro and ZOLL's professional range of defibrillators.

Product Code: 8900-0402



#### First Responder Kit

Included with CPR-D-padz as standard or can be ordered separately using the code above

##### Contents:

Razor, scissors, CPR face shield, alcohol-free wipes, moist towelette and gloves.

Product Code: 8900-0807-01



### Signs

Available on request. Please contact us for more details.



### AED Plus Carry Case

Product Code: 8000-0802-01



### Batteries

AED Plus Batteries (pack of 10)\*  
Product Code: 8000-0807-01

\*up to 5-year standby time in device, up to 300 shocks or 13 hours of continuous monitoring.

### Mountings/Cabinets

Product Code	Description
8000-0809-01	Indoor wall mounting bracket
8000-0855	Indoor wall cabinet with alarm (surface mount)
8000-0856	Indoor transparent wall cabinet with alarm (surface mount)
X2A210XX101	Outdoor lockable cabinet Aivia 210



8000-0809-01



8000-0855



8000-0856



X2A210XX101

## TRAINING ACCESSORIES

# AED PLUS®



### AED Plus Trainer2

The ZOLL AED Plus Trainer2 allows CPR and first aid instructors to have students experience what it's like to save a life with the AED Plus. Choose from four different fixed rescue scenarios or have complete manual control of the entire rescue. With the wireless remote you can control multiple AED Plus Trainer2s.

#### Supplied with:

- Wireless remote controller
- 1 set of AED Plus CPR-D-padz Trainer electrodes and replacement gels
- Operator's guide
- 1-year warranty

Product Code: 800-0050-05



### CPR-D-padz® Trainer Electrodes

Training electrode with reusable puck and replacement gel pads.

#### Key Features:

- Easy-to-place one-piece electrode
- Adjustable electrode allows for positioning on larger/overweight patients
- Supplied as single electrode

#### Compatibility:

CPR-D-padz Trainer electrodes are compatible with AED Plus Trainer2 only.

Product Code: 8900-0804-01



### Pedi-padz® II Trainer Electrodes

Training electrode for patients aged 0-8 years.

#### Key Features:

- Clear diagrams on packaging allow for easy placement of electrodes
- Supplied in a box of 6

#### Compatibility:

Pedi-padz II Trainer electrodes are compatible with AED Plus Trainer2 only.

Product Code: 8900-000861-01



### Training Stat-padz® II Electrodes

Basic training electrode.

#### Key Features:

- The two-piece construction ensures all options are available to the ALS responder
- Supplied in a box of 6

#### Compatibility:

Training Stat-padz II electrodes are compatible with AED Plus Trainer2 only.

Product Code: 8900-0805-01



### Training CPR Stat-padz Electrodes

Demonstration electrode for use with simulator

#### Key Features:

- Two-piece electrode

#### Compatibility:

Training CPR Stat-padz are compatible with the AED Plus and AED Pro. Connectors are available for use with the X Series® and R Series® defibrillators.

Product Code: 8900-0190



### Demo CPR-D-padz Electrodes

Demonstration electrode for use with simulator.

#### Key Features:

- Easy-to-place one-piece electrode
- Adjustable electrode allows for positioning on larger/overweight patients
- Supplied as single electrode

#### Compatibility:

Demo CPR-D-padz are compatible with the AED Plus and AED Pro. Connectors are available for use with the X Series® and R Series® defibrillators.

Product Code: 8900-5007

Product Code	Description
8900-0803-01	Replacement adhesive gels for the CPR-D-padz Trainer Electrodes (pack of 5)
8000-0375-01	AED Plus Trainer2 carry case

\*AHA Version also available; please order using product code: 8008-0050-01



8900-0803-01



8000-0375-01

## DEMONSTRATION AIDS

### AED Plus Demonstration Kit

Product Code	Description
8000-0834-01	AED Plus Demonstration Kit

#### Supplied with:

Carry bag, manikin, demo CPR-D-padz with Y cable and connector for simulator and velcro straps.



8000-0834-01

## Electrodes

## Accessories

Product Code	Description
8900-0803-01	Replacement adhesive gels for the CPR-D-padz Trainer Electrodes (pack of 5)
8900-0195	Replacement adhesive gels for the Training CPR Stat-padz (pack of 8)



8900-0803-01



# AED MANAGEMENT SOLUTIONS

Making sure your AEDs are ready to use is a difficult job, but with our interactive online AED management system, the solution is simple.

Whether you have 1,000 AEDs or just one, our AED management system ensures your AEDs are ready, compliant, and properly supported.

## The purchase of Programme Management includes:

- Online Interactive AED management system
- E-mail reminders and alert notifications
- InspectAED® status reporting app
- Interactive reporting console

For more information and to register, visit our website:  
[www.zollaed.co.uk](http://www.zollaed.co.uk)

## AED Management Solutions

Product Code	Description
8000-1110-05	<b>PLUSTRAC1, AED PROGRAMME MGMT, INTL, 1 YR</b> PlusTrac1 - One (1) year Programme Management for a single (1) AED. Includes online management programme, interactive AED management, e-minders and alert notifications & interactive reporting console.
8000-1111-05	<b>PLUSTRAC5, AED PROGRAMME MGMT, INTL, 5 YR</b> PlusTrac5 - Five (5) year Programme Management for a single (1) AED. Includes online management programme, interactive AED management, e-minders and alert notifications & interactive reporting console.

### PlusTrac Provides:

- READINESS**
  - Email alerts and notifications
  - Routine maintenance and inspection
- COMPLIANCE**
  - Dashboard reports
  - Manufacturer updates
  - Training status of your responders
  - InspectAED status reporting app
- SUPPORT**
  - Online ticketing system
  - Ongoing device support



# FREQUENTLY ASKED QUESTIONS

## Why does the defibrillator only advise a shock some of the time?

The AED will shock two different types of heart rhythms: ventricular fibrillation and ventricular tachycardia. There are other types of rhythms that may be presented to the AED but they can't be treated with a defibrillatory shock, so the only form of treatment until the ambulance arrives is high-quality CPR. This is why ZOLL AEDs not only provide a shock but also coach the rescuer in delivering high-quality CPR using our Real CPR Help technology.

## What is Real CPR Help?

Real CPR Help, a technology developed by ZOLL and incorporated into all our defibrillators, provides real-time feedback to the rescuer on the rate and depth of chest compressions during CPR. This technology is clinically proven to improve the quality of CPR delivered to victims of a cardiac arrest by up to 277%.

## What is the life of the batteries?

The batteries supplied with the AED Plus and ZOLL AED 3 last up to 5 years in standby mode.

## What is the life of the electrodes, and are they reusable?

The CPR-D-padz and the CPR Uni-padz electrodes that are supplied with the AED both have a shelf life of 5 years and are designed to be used only once.

## Can the electrodes supplied with ZOLL AEDs be connected to any other defibrillator -- for instance, one that's used by the ambulance service?

The electrodes can be connected directly to any other ZOLL defibrillator. If the ambulance service or hospital use equipment manufactured by another source, then adaptors may be used to connect the ZOLL electrodes to the alternative device.

## Can the AED Plus and ZOLL AED 3 be used by anyone even if they haven't had any training?

The Resuscitation Council (UK) take the view that an AED can be used safely and effectively without previous training; however when possible, training should always be given. The AED Plus and ZOLL AED 3 have both been designed to provide graphical, written, and audible prompts to help the rescuer as much as possible throughout the resuscitation process.

## Is it difficult and costly to maintain ZOLL AEDs?

Once installed, ZOLL AEDs have the lowest total cost of ownership. The AED Plus pads and batteries last 5 years, offering the lowest cost of ownership when only adult pads are needed. Because ZOLL AED 3 incorporates a 5-year universal electrode pad and can be used on adults or children, it has the lowest cost of ownership when both paediatric and adult pads are required. Unless the device is used, there is nothing to replace or buy for up to 5 years. AED Plus also carries out regular automated self tests to ensure a constant state of readiness.

If the device detects a fault or the need for battery/electrode replacement, the indicator window will display a red cross (X), accompanied by an intermittent beep.

## ZOLL AEDs are not the cheapest on the market.

### Why should I choose ZOLL?

There are cheaper devices on the market, but they do not provide the same CPR coaching support that the ZOLL AEDs offers. So you need to ask the question, "Is high-quality CPR important in the survival of a cardiac arrest patient? Would you and your staff be confident without feedback in delivering consistent and high-quality CPR over a prolonged period of time – in a pressured rescue situation?"

To deliver high-quality CPR, you need a ZOLL AED. No other device on the market can provide this level of support.

## Can I be held liable?

In the UK there is currently no law that protects bystanders who perform CPR in a cardiac arrest situation. However, legislation was introduced in October 2007, under the Mental Capacity Act, that stipulates if the casualty lacks capacity to make a decision themselves, which would be the case in a cardiac arrest, the rescuer can perform CPR if they believe it is in the best interest of the casualty. To date, there have been no reported cases where a successful claim has been made against a rescuer who has helped resuscitate a casualty in an emergency.

## Should AEDs be used only by medical professionals?

AEDs have been designed specifically with the lay rescuer in mind, which is why ZOLL AEDs include graphical, written, and audible prompts that guide them through the full Chain of Survival and help them to perform high-quality CPR and deliver a shock when necessary. If no shock is advised, CPR is critical in order to pump oxygenated blood around the body to the vital organs until the ambulance arrives.

## What if I have a technical fault with a ZOLL device?

For any technical difficulties, please contact ZOLL's UK-based technical service team on: Telephone Number: 0808 168 5000 (Freephone) or 01928 241 701 or E-mail: techservice-uk@zoll.com.





## ZOLL MEDICAL CORPORATION

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MCN IP 1903 0267-05

For subsidiary addresses and fax numbers, as well as other global locations, please go to [www.zoll.com/contacts](http://www.zoll.com/contacts).

# ZOLL®