

# ZOLL®

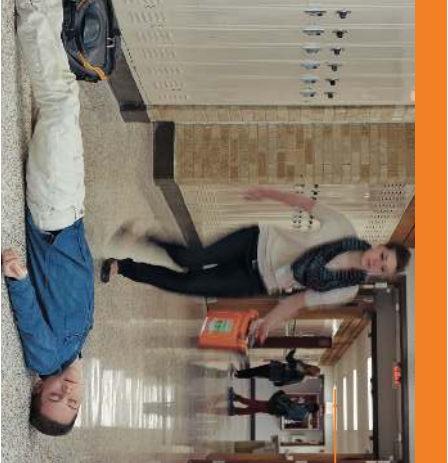
## Automated External Defibrillators



# DESIGNED FOR UNEXPECTED HEROES™



When someone is the victim of sudden cardiac arrest (SCA), their survival depends on high-quality CPR and a rescuer with an AED. **When there's a call for help, will you be ready?**



## DESIGNED FOR UNEXPECTED HEROES™

The latest guidelines from resuscitation councils worldwide are clear: Successful defibrillation must be supported with high-quality CPR.

The AED's first heart analysis is critical. If it calls for no shock, only CPR can lead to a shockable rhythm on the next analysis. CPR provides a struggling heart with oxygenated blood needed to help restore a normal rhythm.

All ZOLL AEDs guide you through the process of performing high-quality CPR and will, if needed, deliver a potentially lifesaving shock to the heart. With a ZOLL AED and quick action, you could help avert tragedy.



... monitoring of CPR quality is arguably one of the **most significant advances in resuscitation practice in the past 20 years** and one that should be incorporated into every resuscitation and every professional rescuer program.<sup>1</sup>



Research shows that the **probability of survival goes up dramatically** when CPR is performed and when an AED is applied before an ambulance arrives.<sup>2</sup>

## READY FOR THE RESCUE?

At ZOLL, we strive to provide **intuitive and intelligent AEDs** in every public space around the world and to enable bystanders to act quickly, appropriately and with confidence in sudden cardiac arrest emergencies.

That is why all of our AEDs are designed to remove the guesswork and support unexpected heroes throughout the rescue. Together with our distributor partners, we are by your side, giving you the potential to help save lives.



### SMART

**Real-time CPR Feedback:** Real-time feedback technology guides rescuers on optimal rate and depth of chest compressions through voice, text and visual prompts that help ensure the delivery of high-quality CPR.

**Interactive and Intuitive:** ZOLL AEDs provide step-by-step instructions and corrective guidance to support you throughout the rescue.

**Rescue Confidence:** Designed for ease of use - from applying the pads and performing CPR to delivering a shock, you can have peace of mind with ZOLL AEDs as your rescue partner.

### READY

**Rescue Ready® Services:** Your rescue equipment needs to be ready the day you need it, not just the day you buy it. From tracking expiration dates for pads and batteries, to responder training and AED/CPR certification status, you can count on ZOLL to help you manage your AEDs.

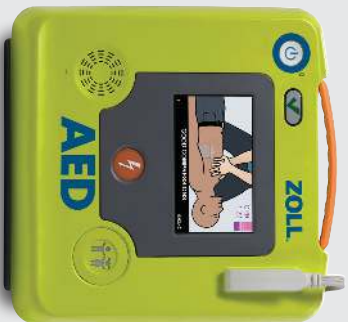
**Automatic Self-Testing:** A series of regular, automatic self-tests verify that the AED, battery and pads are fully functional so you can have confidence it will be ready when needed.

**Designed for Durability:** Designed to withstand harsh environments and temperature extremes, ZOLL AEDs have an ingress protection (IP) rating of IP55, which means they are highly resistant to dust and moisture.

### TRUSTED

**Mission Focused:** Our AED technology innovations provide rescuers with the tools to act quickly and confidently to help save lives.

**Legacy of Excellence:** A pioneer in resuscitation technology, ZOLL has been empowering first responders and unexpected heroes around the world for more than 25 years.



“  
The AED was so helpful;  
it confirmed that we  
had the right diagnosis.  
It gave me a lot of  
confidence.”

Keira Macfarland, Volunteer Park Ranger  
and SCA Rescuer



“  
I had no concerns when  
I put that AED on him,  
that it was not going to  
do what it was meant to  
do. And I knew it was  
ready to go.”

Chrissa Hofstetter, School Nurse  
and SCA Rescuer

## ZOLL AED 3®

In addition to WiFi connectivity and integrated paediatric rescue, the ZOLL AED 3® defibrillator with Real CPR Help® technology provides **real-time feedback** to guide rescuers in delivering high-quality CPR.

The ZOLL AED 3® features enhanced Real CPR Help® with full-colour rescue images and an integrated child mode, making it simple to treat both adult and paediatric victims.

- **Enhanced Real CPR Help®**  
Proven Real CPR Help® technology now features a full-colour display with vivid rescue images, a CPR cycle timer, and a large colour bar gauge that shows CPR compression depth.
- **Integrated Paediatric Rescue**  
Simply activate child mode for paediatric rescue with the universal CPR Uni-pod™ electrodes.
- **WiFi Connected**  
Cloud connectivity enables automatic reporting of device status, giving you confidence your AED is ready in an emergency.
- **Long-Life Consumables**  
Long-lasting batteries and pads increase readiness by reducing the frequency of maintenance.



## POWERHEART® G5

Whether you are an experienced rescuer or a first-time responder, you will appreciate how the Powerheart® G5 AED combines ease of use, reliability and advanced technology to **help victims survive sudden cardiac arrest.**

The Powerheart® G5 AED with Intellisense™ CPR provides corrective feedback to ensure delivery of high-quality compressions. One button dual language functionality and daily selftests give rescuers the confidence to act.

- **Intellisense™ CPR Feedback**  
Distinct text/voice corrective CPR prompts for rate, depth and recoil.
- **Rescue Ready®**  
Conducts selftests on pads, battery and internal circuitry.
- **RescueCoach™**  
Guides users through each critical step of the rescue with user-paced voice/text prompts.
- **Dual Language**  
Change from primary to secondary language in the push of a button.







“  
**The AED Plus walked us through the lifesaving steps at a most chaotic time. After two shocks, we were able to restart J.R.'s heart.**  
 ”

Gordon Van Dusen, Senior Lifeguard and SCA Rescuer

## AED PLUS®



Only half of sudden cardiac arrest victims will initially need a shock, but **all require high-quality CPR.**



The AED Plus® with clinically proven, integrated, real-time CPR feedback and industry leading long-life consumables, sets the benchmark for dependability, durability, performance and readiness. Bystanders will be able to act quickly and confidently in an SCA emergency.

- **Real CPR Help® Technology**  
 Integrated, real-time feedback provides visual and audio prompts, keeping you on track to deliver high-quality CPR.
- **One-Piece Pad Design**  
 Unique one-piece pad design ensures easy and accurate placement.
- **Long Lasting Consumables**  
 Five (5) year battery and pad life mean fewer replacements, less maintenance, and AED readiness.

## RESCUE READY® SERVICES

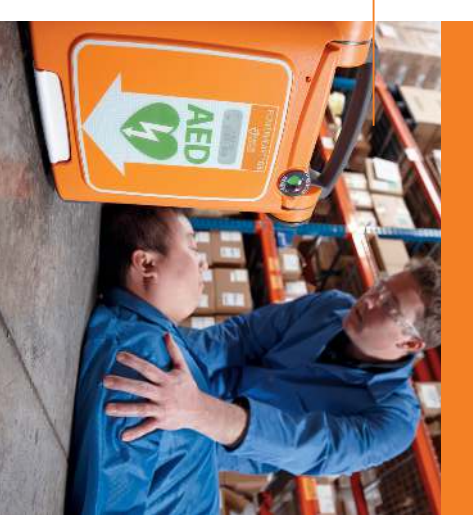
### MAXIMISE THE BENEFITS OF YOUR ZOLL AED

Your AED needs to be ready the day you need it, not just the day you buy it. Having a comprehensive AED management programme in place will help ensure you, and your AEDs, are ready for the rescue.

- Easily track and document AED inspections as well as pad and battery expirations.
- Manage and train your staff and check the status of their AED/CPR certifications.
- Create real-time, web-based status reports.
- Scalable for organisations and deployments of any size.



Studies have show that well-implemented AED programmes can **significantly improve survival rates.**<sup>3</sup>



“  
**The ambulance staff and doctors made it very clear that in all probability I would not be alive today if the AED had not been onsite.**  
 ”

Jeff Cox, Workplace SCA Survivor

All ZOLL AEDs are built with our proven core technologies, yet each has **unique features** to provide solutions for public safety.



ZOLL AED Plus®



POWERHEART® G5



ZOLL AED 3®

SMART			
Real-time, guideline compliant CPR feedback	Real CPR Help®	Intellisense™ CPR (ICPR)	Enhanced Real CPR Help®
Compression rate & depth	•	•	•
Voice & text prompts	•	•	•
Rescue images/graphics	Graphic icons		Full-colour images
Touch screen display			•
CPR Cycle timer			•
Pre-shock pause	13 seconds	10 seconds	5 seconds
Paediatric Rescue	<ul style="list-style-type: none"> <li>• Child specific analysis and therapy algorithm</li> <li>• Separate paediatric pads</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced energy when paediatric pads are connected</li> <li>• Separate paediatric pads</li> </ul>	<ul style="list-style-type: none"> <li>• Child specific analysis and therapy algorithm</li> <li>• Universal CPR Uni-Padz™ for adults and paediatrics</li> </ul>
Dual language		•	
READY			
Adult electrodes	CPR-D Padz® – 5 years	Intellisense™ Pads – 2 years	CPR Uni-Padz® – 5 years
Stand-by battery life	5 year	4 year smart battery	5 year smart battery
Readiness indicator	•	•	•
Default self test	Weekly	Daily	Weekly
WiFi enabled			•
Connectivity & event download	IrDA	USB	WiFi & USB
Durability	• IP55	<ul style="list-style-type: none"> <li>• IP55</li> <li>• 1 metre drop test</li> </ul>	<ul style="list-style-type: none"> <li>• IP55</li> <li>• 1 metre drop test</li> </ul>
Programme Management	•	•	•

To learn more about ZOLL's portfolio of AEDs and Rescue Ready® Services, go to [www.zoll.com/aeds](http://www.zoll.com/aeds)

<sup>1</sup> Source: American Heart Association CPR Quality Consensus Statement. AHA CPR Quality Consensus Statement. Circulation. 2013;128; pg. 420

<sup>2</sup> Weisfeldt ML, et al. J Am Coll Cardiol. 2010;55(16):1713-20

<sup>3</sup> Drezner JA, et al. Br J Sports Med. 2013;47:1179-1183

## ZOLL MEDICAL CORPORATION

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