

**AED Pro®**

**ZOLL®**



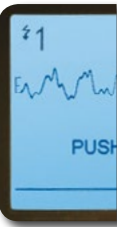
*A Flexible AED  
for Every Rescuer*

# Uninterrupted, High-quality CPR

According to the American Heart Association 2010 Guidelines, "real-time CPR prompting and feedback technology such as visual and auditory prompting devices can improve the quality of CPR." The ZOLL® AED Pro® provides the feedback both the professional and the lay rescuer need to perform optimal CPR.



*A real-time bar graph shows you the depth of your chest compressions so you can maximize your CPR performance.*



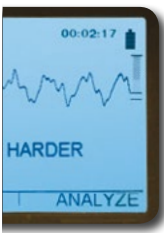
*If your CPR compressions are too shallow, you will be prompted.*

## Improving Resuscitation Every Time

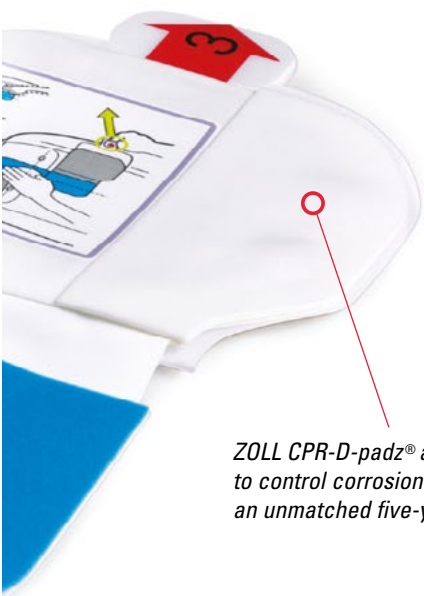
Real CPR Help® provides real-time feedback on both the depth and rate of chest compressions to enhance CPR resuscitation quality. In fact, according to a major hospital-based study, caregivers improved the quality of their CPR compressions fivefold using Real CPR Help.<sup>2</sup>

A screen display as well as a metronome guide you with visual and audible prompts to achieve consistent compression levels. High-quality compressions are reinforced with a “Good Compressions” message.

“A strong emphasis on delivering high-quality chest compressions remains essential: rescuers should push hard to a depth of at least 2 inches (or 5 cm) at a rate of at least 100 compressions per minute, allow full chest recoil, and minimize interruptions in chest compressions.”<sup>3</sup>



*Best compressions  
slow, you will be  
to “Push Harder.”*



*ZOLL CPR-D-padz® are designed to control corrosion and allow for an unmatched five-year lifespan.*

## Whatever the Environment, the AED Pro Delivers

Whether in the field or in a clinical setting, the AED Pro provides the right combination of support and services to help ensure a patient’s safety and help improve a patient’s chances of survival in critical situations.



*Rugged and reliable, the AED Pro can withstand the demanding environments and mission requirements military professionals face every day. It serves double-duty as a portable defibrillator and monitor you can depend on in the field.*

*Nurses can view a patient’s ECG to evaluate status as well as gain real-time CPR feedback for improved resuscitation quality. Electrodes can be seamlessly transferred to another ZOLL defibrillator when the crash cart arrives.*



*EMS supervisors and command vehicles, firefighters, and bike medics appreciate this portable, lightweight, compact, and durable device for its BLS and ALS monitoring as well as its capabilities as a defibrillator.*

*From professional offices and dental practices to surgery centers and day clinics, nurses and doctors alike value the AED Pro’s Lead II monitoring capabilities. The rechargeable battery and advanced features are a plus for surgery centers, which often rely heavily on the defibrillator’s monitoring capabilities.*



## Defibrillator and Monitor Designed for both BLS and ALS Rescuers

The AED Pro is designed for both basic and advanced life support. While it offers guidance to the BLS rescuer, it also provides more advanced capabilities to the professional rescuer.

### Patient Monitoring Your Way

The AED Pro not only relays advanced CPR feedback, it also supports a vital signs patient monitor that can be configured to the way you work.

- A three-lead cable allows basic monitoring using ECG electrodes.
- Flexible operating modes let the professional rescuer apply manual override to access more advanced capabilities, including heart rate displays, and to decide if and when to deliver treatment.
- A high-resolution auto-gaining LCD display keeps the ECG trace within a specific area, always displaying the gain, so the rescuer can easily see the patient's rhythm.

### Battery and Electrode Compatibility Saves Critical Time As Well As Cost

The AED Pro offers flexibility to meet your needs. You can choose from a long-life non-rechargeable battery or one of two rechargeable batteries, with varying shelf lives.

The SurePower® rechargeable option is compatible with both the E Series® and R Series® professional defibrillators, while the sealed lead-acid option is compatible with ZOLL's E Series® and M Series® defibrillators.

## Reducing the Duration of Interruptions During CPR

See-Thru CPR® filters out compression artifact ("noise") so you can see the patient's underlying cardiac rhythm (ECG) while performing CPR. Pauses are inevitable, but reducing the amount of time without compressions results in a higher chest compression fraction (CCF), the proportion of time spent delivering compressions during CPR. A higher CCF predicts better survival to discharge in patients who experience out-of-hospital cardiac arrest.<sup>4</sup>

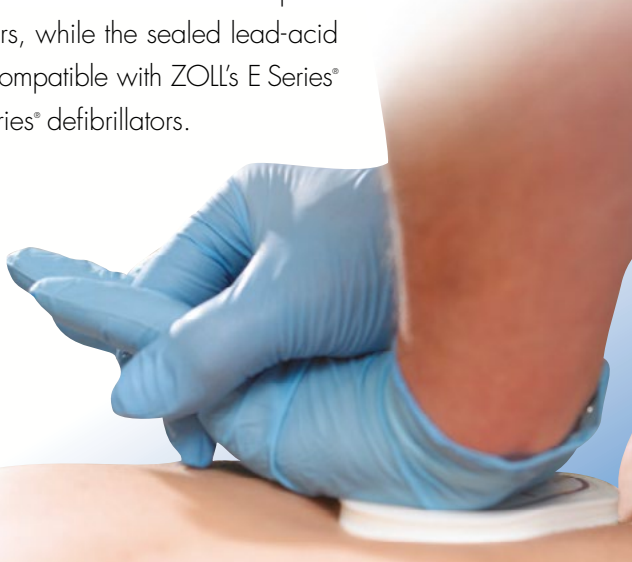


*See-Thru CPR filters out compression artifact, which reduces the amount of time without compressions while checking to see whether an organized, shockable rhythm has developed.*



## The Real Difference in Defibrillation

When a shock is needed, ZOLL provides more current, more defibrillation efficacy, and less risk with its Rectilinear Biphasic™ waveform (RBW). RBW was designed specifically for external defibrillation to control for variations in patient impedance. RBW provides the maximum possible average current held for the optimum duration. Only the ZOLL RBW has demonstrated statistical clinical superiority<sup>3</sup> to monophasic waveforms in peer-reviewed randomized controlled trials as well as through supporting data from more than 11,500 patients.



# Data Storage and Transfer that's Immediate and Customizable

## Configurable Storage for Maximum Manpower

With storage capability for up to 5.8 hours of complete event data, the AED Pro can be configured to document as many as four rescues. Rescuers can pre-configure the AED to hold between one and four events depending on their established protocol. This flexibility allows the AED to remain in the field longer, maximizing productivity and reducing costs.

## Expanded USB Storage and Transfer

The AED Pro is the first and only AED with USB storage and transfer capability. This capacity offers you immediate data transfer, without removing the AED from the field. The AED also allows transfer with a wireless connection. In addition, it affords extended storage on USB drives.

## Integrated, Full-view Data Collection

Compatible with ZOLL's range of RescueNet® field data collection options, including RescueNet Code Review, the AED Pro offers viewing of a full patient record—prehospital, transport, and in-hospital—in one location to improve quality of care.

## Dependable in Every Situation

Military organizations worldwide rely on the AED Pro in deployed combat situations, domestic military training, and basic medical transport. AED Pro A-W (Airworthy) is approved for use onboard military aircraft. Specifically designed for forward-operating military units, it is USAARL-approved for use in all rotary wing aircraft in combat situations.

The AED Pro and AED Pro A-W both pass the 1.5-meter drop test and are the only AEDs with an IP55 dust-water ingress rating. No wonder they're rugged: their outer housing is made from polycarbonate siloxane resin, the same material used in professional sports helmets, making them highly resistant to temperature swings.

### References

<sup>1</sup>(Class IIa, LOEB). 2010 American Heart Association Guidelines for CPR and ECC. S697.

<sup>2</sup>Peberdy MA, et al. Effect of caregiver gender, age, and feedback prompts on chest compression rate and depth. *Resuscitation* (2009), doi: 10.1016/j.resuscitation.2009.07.003.

<sup>3</sup>2010 American Heart Association Guidelines for CPR and ECC. S298.

<sup>4</sup>Christenson J, et al. *Circulation*. 2009;120:1241-1247.

<sup>5</sup>Mittal S, Ayati S, et al. Comparison of a rectilinear biphasic waveform with a damped sine wave monophasic waveform for transthoracic conversion of ventricular fibrillation. *JACC*. Vol 34, No 5, 1999. Mittal S, Ayati S, et al. Transthoracic cardioversion of atrial fibrillation: comparison of rectilinear biphasic versus damped sine wave monophasic shocks. *Circulation*. 2000;101:1282-1287.

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, fluid resuscitation, and therapeutic temperature management, ZOLL provides a comprehensive set of technologies that help clinicians, EMS and fire professionals, and lay rescuers treat victims needing resuscitation and critical care. For more information, visit [www.zoll.com](http://www.zoll.com).

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