

ZOLL AED 3™ BLS

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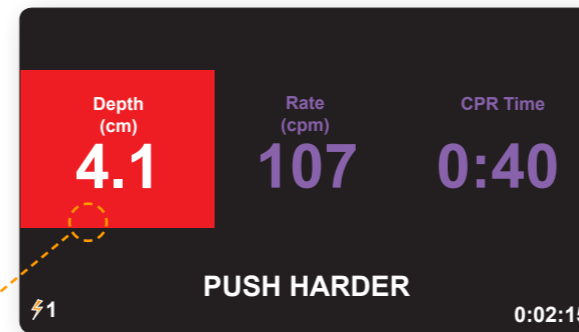
*Even Better Support For
Professional Rescuers*



Beyond the AED Plus

In 2002, ZOLL® launched the AED Plus® defibrillator with Real CPR Help® real-time CPR feedback to let rescuers know, for the first time ever, when they are doing high-quality CPR. Today more than half a million AED Plus automated external defibrillators (AEDs) are empowering professional and lay rescuers everywhere with the best support when treating a victim of cardiac arrest.

Introducing a new defibrillation platform for professional rescuers that builds on our reputation for providing rescuers with unmatched support plus a low total cost of ownership: The ZOLL AED 3™ BLS.



The AED 3 BLS can be easily configured to show the CPR Dashboard™ only (image to the left and top image above), or combined CPR Dashboard with ECG (middle and bottom images above). Red areas indicate the rate is too slow and/or depth too shallow in adult rescue mode.

Programme Management Onboard

To be as prepared as possible, you need to track your assets and keep them ready to use. Doing so is now easier than ever with Programme Management Onboard™, which is built-in and cloud-connected to ZOLL's PlusTrac™ AED Programme Management System.

After an easy WiFi setup, your AED 3 BLS stays cloud-connected to PlusTrac, and if it ever detects a failure during its daily or weekly self-test, or even fails to report on time, PlusTrac immediately alerts your programme manager via email.

Log in to PlusTrac to review and manage the current status of all your defibrillator and disposable assets for all of your AED 3 BLS units. Every programme manager can now experience worry-free rescue preparedness in a single solution with the AED 3 BLS. No extra hardware or software purchase required. At no cost for the first full year.



Log in to PlusTrac for current AED status, including battery and pads expiry dates, self-test logs and to design and schedule regular programme management reports.

CPR Required

The latest Guidelines from resuscitation councils worldwide are clear: successful defibrillation must be supported with high-quality CPR. But what is high-quality CPR? The Guidelines call for chest compressions at a rate of 100 to 120 per minute at a depth of 5 to 6 centimetres.

So how can rescuers know when they are in compliance? The importance of early, uninterrupted chest compressions is emphasised throughout these Guidelines. Professionals should not have to guess. They should know, and that knowledge may well give them the power to save a life.

"Data-driven performance-focused debriefing has been shown to improve performance of resuscitation teams. We highly recommend their use for teams managing patients in cardiac arrest."

– 2015 ERC Guidelines, p. 289.

Simply Professional

Like all of ZOLL's professional defibrillators, the AED 3 BLS is equipped with Real CPR Help and the CPR Dashboard™ to let professional rescuers know, in real time, when they're in compliance with the Guidelines.

- The CPR Uni-padz™ Electrodes sense and report the motion of rescuers' chest compressions to the AED.
- During adult and paediatric CPR, the CPR Dashboard shows elapsed time since power on, remaining time countdown for the current CPR cycle, number of shocks delivered, the patient's current ECG in real time and the rate and depth of chest compressions.
- Push the Child button for a paediatric rescue and experience the first and only AED to provide paediatric CPR feedback.
- During adult CPR, voice and text prompts also let rescuers know when to "Push harder" and when they are doing "Good compressions."
- The metronome detects compressions and keeps the metronome sounding at 100 beats per minute in both adult and paediatric rescues.
- The Shock button is armed and ready to shock 8 seconds after stopping CPR (with fresh battery).

"The importance of early, uninterrupted chest compressions remains emphasised throughout these guidelines, together with minimising the duration of pre-shock and post-shock pauses."

– 2015 ERC Guidelines, p. 20.



The CPR hand-placement landmark senses your chest compressions and lets the AED 3 BLS see the depth of each compression.



Sooner Is Better

At 8 seconds with fresh batteries, the AED 3 BLS is among the fastest AEDs at delivering a shock after chest compressions stop. Research shows that minimising time to shock after the CPR cycle ends may improve survival.¹ The 2015 ERC Guidelines note, "The delay between stopping chest compressions and delivery of the shock (the pre-shock pause) must be kept to an absolute minimum; [any] delay will reduce the chances of the shock being successful."²

Ready for Tomorrow

The AED 3 BLS is easy to use, easy to maintain and reliable because it has the latest technology on board.

- You can upload clinical event files over WiFi to RescueNet® Case Review (a ZOLL Online product) for viewing, parsing and pulling reporting metrics in addition to generating and distributing CPR quality report cards.
- You can reconfigure it, upgrade software to the latest Guidelines and unload event data files easily using the interactive touchscreen and onboard USB port.
- Network clock synchronisation occurs whenever the AED 3 BLS communicates with ZOLL Online via WiFi.
- You can clone reconfiguration from one AED 3 BLS to all others in your fleet with a USB memory stick.
- Orient it the way you need it in a rescue: lay it flat like most AEDs, or stand it upright for the same easy viewing available in most professional defibrillators.
- Use it in two successive rescues and retain both event data files for later download.
- Rely on its ruggedness. The AED 3 BLS passes the one-metre drop test and has an IP55 rating for dust and water ingress.

Rugged carry bag helps protect the AED 3 BLS when it's on the move. Lift cover to use the AED while still in carry bag. Holds AED 3 BLS with back-up set of CPR Uni-padz.



¹Snyder DE, et al. *Critical Care Medicine*. 32(9) Supplement:S421-S424 (2004).

²2010 ERC Guidelines for Resuscitation 2010. *Resuscitation*. 81:1228 (2010).



Even Better Professional Support

The AED 3 BLS takes the best support for rescuers during a rescue to the next level with:

- Real CPR Help that can see your chest compressions during CPR to let you know, in adult rescue mode, when you're doing high-quality CPR at a rate of at least 100 compressions per minute and 5 to 6 cm deep for adults.
- CPR Dashboard with patient ECG, compression rate and depth, CPR cycle countdown timer, shock count and total elapsed time.
- Shock delivery 8 seconds after stopping CPR, for a more effective shock.
- Universal CPR Uni-padz for push-button selection of adult or child rescue.
- Reviewable clinical event data showing key statistics, along with ECG and matching chest compressions.
- Dual orientation (upright or flat) for the best visibility in a rescue.

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