



ZOLL Advanced X Series Defibrillator

Designed by ZOLL Medical Corporation

The groundbreaking new monitor/
defibrillator from ZOLL.



Company Profile

MineARC Systems is the global leader in the manufacture and supply of emergency safe refuge solutions for the mining, tunnelling, chemical processing and disaster relief industries.

With 20 years' experience, our dedication to ongoing research and development is driven by our key focus to continually offer the best and most advanced safety solutions on the market.

Our team of qualified engineers, electrical designers and technical experts form a global network across several international locations including;

- Perth, Western Australia
- Johannesburg, South Africa
- Dallas, Texas
- Santiago, Chile
- Beijing, China
- Barcelona, Spain
- Guanajuato, Mexico

This allows MineARC to provide 24 hour service and engineering support to our expanding list of clients in over 60 countries across the globe.

All MineARC Refuge Chambers and Safe Havens comply with the highest international regulations and recognised 'world's best practice' industry guidelines. Our key focus on quality control and product advancement has meant that MineARC Refuge Chambers have successfully saved lives in multiple real life industrial emergencies around the globe.

www.minearc.com



Australian Made Product



Wi-Fi (802.11 b/g/n) Certified



Bluetooth Low Energy Certified



IP65 Certified



European CE Certified to Machinery Norms



FCC Certified



To improve patient outcomes, healthcare providers rely on feedback and data at every step of the rescue. Access to real-time clinical feedback on the scene can take your care to the next level and enable you to manage multiple disease states.

Real-Time Clinical Feedback—Available Only Through ZOLL

For years, ZOLL® devices have provided real-time clinical feedback on CPR to help rescuers deliver high-quality compressions to patients in cardiac arrest. The X Series® Advanced monitor/defibrillator goes beyond cardiac arrest, providing real-time clinical feedback for patients in respiratory distress and patients with a traumatic brain injury:

- ✓ **Real CPR Help®** – provides real-time clinical feedback on compression rate and depth
- ✓ **Real BVM Help™** – provides real-time clinical feedback on ventilation volume and rate
- ✓ **TBI Dashboard™** – provides the right information at the right time to help rescuers effectively manage traumatic brain injury (TBI) patients

ZOLL X Series Advanced Defibrillator

ZOLL's new X Series® Advanced monitor/defibrillator helps providers manage patients more effectively than ever before. X Series Advanced is the first all-in-one device of its kind to provide the clinical data EMS teams need at every step to improve outcomes.



Easily Access Critical Data

In the pre-hospital environment, access to data helps you manage trauma, cardiac arrest, chest pain, respiratory distress, pediatric issues, and other conditions. X Series Advanced provides information and feedback on CPR, ventilation, and TBI, increasing the range of treatable patients when compared to other currently available monitor/defibrillators.

Remotely Access Data on the X Series Advanced

With Remote View, personnel can view data from the X Series Advanced from a remote location. This remote access solution from ZOLL enables effective decision support to allow EMS providers meet their patients needs and prepare additional support services better.

- ✓ Real BVM Help integrates with existing ZOLL CPR technologies
- ✓ Zoll's Real CPR Help®
- ✓ Remote View, enables access to data from external locations
- ✓ RescueNet® CaseReview gives providers the ability to view data from the X Series Advanced post-case for effective QA/QI. (optional)*

**Optional subscription through ZOLL*

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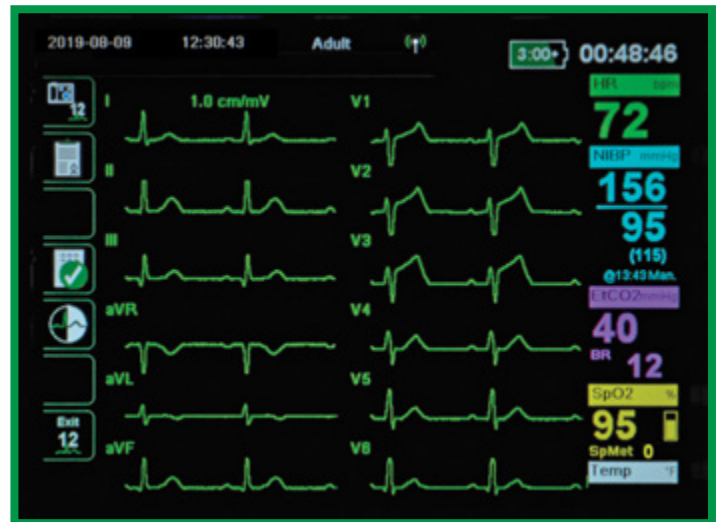
Seamless Device Integration

For cardiac arrest patients, the X Series Advanced features Real CPR Help and Real BVM Help, providing simultaneous real-time feedback on both CPR and ventilation quality. When used with the AutoPulse®, ZOLL's automated CPR device, the X Series Advanced captures the unique chest compression data and displays it on screen.

Advanced Visual Display

Clear, precise visuals deliver valuable insights into a patient's status and real-time feedback. When used with adult ZOLL CPR electrodes, the X Series Advanced device displays the Real BVM Help Dashboard next to the Real CPR Help Dashboard.

Pictured: STEMI screen example



MANAGE MULTIPLE STATES WITHIN THE DEVICE DISPLAY WITH VISUAL ALERTS, READY-TO-USE INDICATORS, PLUS REAL-TIME DATA AND FEEDBACK



MULTI-PURPOSE CARRY CASE FOR ADDITIONAL SUPPLIES AND EQUIPMENT

ZOLL CPR-D-PADZ® ARE DESIGNED TO CONTROL CORROSION AND ALLOW FOR AN UNMATCHED FIVE-YEAR LIFESPAN.



ZOLL X Series Advanced Defibrillator

With ground breaking new technology available only through ZOLL, X Series Advance finally addresses some of the key challenges providers face in both the pre-hospital and hospital environments today.

Real BVM Help – Real-time feedback for ventilation

With Real BVM Help on the X Series Advanced, providers can view delivered tidal volume and rate directly on the monitor. This real-time feedback guides users to deliver high-quality ventilation in a manner that has never been possible – until now.

Real BVM Help on the ZOLL X Series Advanced gives providers:

- Target and delivered ventilation volume
- Target and delivered ventilation rate
- A ventilation quality indicator and countdown timer

TBI Dashboard: The information you need when it matters most

Traumatic Brain Injury (TBI) patients present a unique set of challenges. Early treatment is critical, as additional secondary injury often occurs after the initial event.¹

ZOLL's TBI Dashboard on the X Series Advanced monitor/defibrillator provides trending information on the parameters most critical to a TBI patient, enabling clinicians to quickly detect potential patient deterioration.

1 Spaitte DW, et al. Acad Emerg Med. 2014;21:7:818-830

Improve your system's performance with RescueNet CaseReview (Optional)

RescueNet® CaseReview* gives providers the ability to view data from the X Series Advanced post-case for effective QA/QI. With the push of a button, medics can send files directly to your secure system for performance-focused debriefing.

Data available in CaseReview includes ventilation performance with Real BVM Help, CPR performance with Real CPR Help®, and automatic recognition and integration of performance with ZOLL's automated CPR device, the AutoPulse®.

X Series Advanced: The new best in class monitor/defibrillator

**Optional subscription through ZOLL*





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"The Best" - Resuscitation
From Paramedics On
ZOLL

