



ZOLL AED PLUS



READY FOR THE RESCUE

Lives are not saved by AEDs alone. People save lives — using AEDs. Zoll's Real CPR Help makes you ready for the rescue.

Integrated, real-time feedback provides visual and audio prompts to “Push Harder” or confirms when you are doing “Good Compressions,” keeping you on track to administer potentially life-saving CPR.

Using an AED to deliver a shock within 3-5 minutes of collapse dramatically increases the rate of survival up to 70%
When it comes to sudden cardiac arrest, minutes matter.

HOW IT WORKS

- The CPR-D-padz[®] Electrode senses and reports the motion of the chest compressions to the AED Plus.
- Audio and text prompts relay compression quality.
- The compression depth bar gauge lets you see the depth of each compression in real time.
- The adaptive metronome detects compression rate and guides you to at least 100 per minute.

EXCEPTIONAL SUPPORT WHEN YOU NEED IT MOST

Enhanced Real CPR Help

The ZOLL AED Plus device with Real CPR Help lets responders know if they are doing compressions at the most effective rate and depth. The AED's integrated real-time feedback eliminates guesswork; it provides responders with visual and audio prompts to "Push Harder" or will let them know when they are doing "Good Compressions," keeping responders on track to administer high-quality CPR.

Simple, accurate pad placement

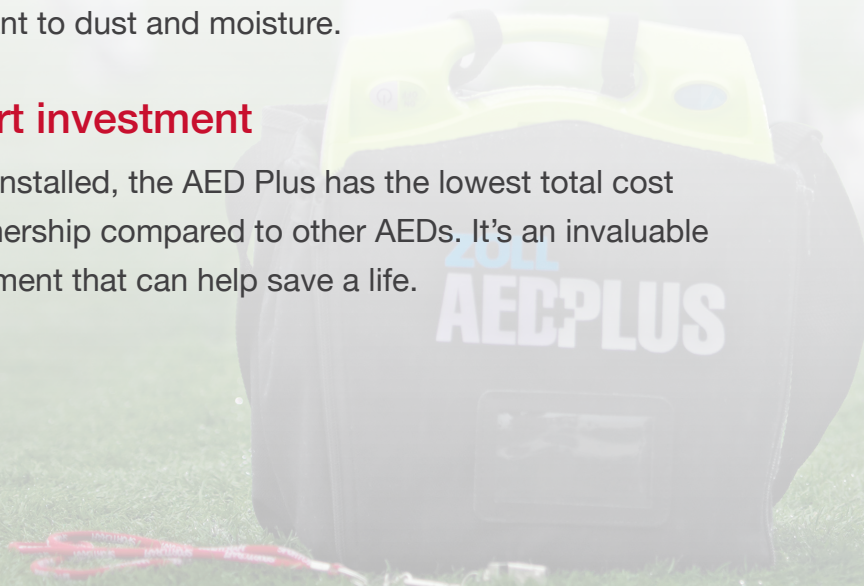
Speed is of the essence when treating a cardiac arrest victim. ZOLL's CPR-D-padz® electrodes feature a unique one-piece design to ensure easy and accurate placement. Electrodes come with a rescue accessory kit that includes scissors, gloves, a mask, and other items.

Designed for durability

Designed to withstand harsh environments and temperature extremes, the AED Plus has an ingress protection (IP) rating of IP55, which means it is highly resistant to dust and moisture.

Smart investment

Once installed, the AED Plus has the lowest total cost of ownership compared to other AEDs. It's an invaluable investment that can help save a life.



DESIGNED FOR CPR SUPPORT



CPRD-padz™ electrode pads

One piece design for clear and optimal pad placement.



Enhanced Real CPR Help

Detects effectiveness and gives vocal feedback to ensure the best possible CPR.



Escalating energy

120J > 150J > 200J escalating shocks as needed.



Protection from the environment

IP55 rating for protection in challenging environments.



Low cost of ownership

An industry leading 5 years before you have to change batteries or pads.



7-year warranty

Backed by an 7-year warranty.

SPECIFICATIONS

Physical	
Height:	13.3 cm (5.25 in)
Width:	24.1 cm (9.50 in)
Depth:	29.2 cm (11.50 in)
Weight:	3.1 kg (6.7 lb)

Defibrillator	
Waveform:	ZOLL Rectilinear Biphasic™
Defibrillator charge hold time:	30 seconds
Energy selection:	Automatic preprogrammed selection (120J, 150J, 200J)
Patient safety:	All patient connections are electrically isolated
Charge time:	Less than 10 seconds with new batteries
Electrodes:	ZOLL CPR-D-padz™
Self-test:	Configurable automatic self-test from 1 to 7 days. Default = every 7 days. Monthly full-energy test (200J)
Automatic self-test checks:	Battery capacity, electrode connection, electrocardiogram and charge/discharge circuits, microprocessor hardware and software, CPR circuitry and CPR-D sensor, and audio circuitry
CPR: metronome rate:	Variable 60 to 100 CPM
Compression depth:	1.9 cm to 8.9 cm; 3/4 in to 3.5 in
Defibrillation advisory:	Evaluates electrode connection and patient ECG to determine if defibrillation is required
Shockable rhythms:	Ventricular fibrillation with average amplitude >100 microvolts and wide complex ventricular tachycardia with rates greater than 150 BPM for adults, 200 BPM for pediatrics. For ECG Analysis Algorithm sensitivity and specificity, refer to AED Plus Administrator's Guide
Patient impedance measurement range:	10 to 300 ohms
Defibrillator:	Protected ECG circuitry

Device	
Power:	User-Replaceable Batteries. 10 Type 123A Photo Flash lithium manganese dioxide batteries
Device classification:	Class II and internally powered per EN60601-1
Design standards:	Meets applicable requirements of UL 2601, AAMI DF-39, IEC 601-2-4, EN60601-1, IEC60601-1-2

Display and storage	
Display format:	Optional LCD with moving bar
Size:	6.6 cm x 3.3 cm (2.6 in x 1.3 in)
Optional ECG viewing window:	2.6 seconds
Optional ECG display sweep speed:	25 mm/sec; 1 in/sec
Battery capacity:	Typical new (20°C) = 5 years (225 shocks) or 13 hours continuous monitoring. End of life designated by Red X (typical remaining shocks = 9)
Data recording and storage:	50 minutes of ECG and CPR data. If audio recording option is installed and enabled, 20 minutes of audio recording, ECG, and CPR data. If audio recording is disabled, 7 hours of ECG and CPR data
PC minimum requirements for configuration and patient data recovery:	Windows® 98, Windows® 2000, Windows® NT, Windows® XP, Windows® 7, IBM- compatible PII with 16550 UART (or higher) computer. 64MB RAM. VGA monitor or better. CD-ROM drive. IrDA port. 2MB disk space

Environmental	
Operating temperature:	0° to 50°C; 32° to 122°F
Storage temperature:	-30° to 60°C; -22° to 140°F
Humidity:	10% to 95% relative humidity, non-condensing
Vibration:	MIL Std. 810F, Min. Helicopter Test
Shock:	IEC 68-2-27; 100G
Altitude:	-300 to 15,000 ft.; -91mto4573m
Particle and water ingress:	IP55

CPR Uni-padz	
Shelf life:	5 years
Conductive gel:	Polymer Hydrogel
Conductive element:	Tin
Packaging:	Multilayer foil laminate pouch
Impedance class:	Low
Cable length:	1.2 m (48 in)
Sternum:	Length: 6.1 in (15.5 cm); Width: 5.0 in (12.7 cm); Length, conductive gel: 3.5 in (8.9 cm); Width, conductive gel: 3.5 in (8.9 cm); Area, conductive gel: 12.3 sq in (79.0 sq cm)
Apex:	Length: 6.1 in (15.5 cm); Width: 5.6 in (14.1 cm); Length, conductive gel: 3.5 in (8.9 cm); Width, conductive gel: 3.5 in (8.9 cm); Area, conductive gel: 12.3 sq in (79.0 sq cm)
Complete assembly:	Folded Length: 7.6 in (19.4 cm); Folded width: 7.0 in (17.8 cm); Folded height: 1.5 in (3.8 cm)
Design standards:	Meets requirements of IEC 60601-2-4, 2010

ACCESSORIES



Type 123 Lithium Batteries
(Pack of 10)



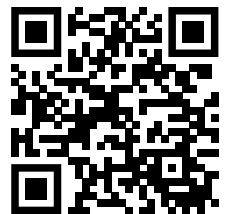
CPR-D-padz™



Pedi-padz® II
(paediatric electrode pads)



AED Plus Black Carry Bag



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Simply Saving Lives



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