

# AED Plus



For more than 30 years, ZOLL® has designed products that support first responders, medical personnel and everyday rescuers in times of crisis. The ZOLL AED Plus® defibrillator, with clinically proven, guideline-driven, 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 a sudden cardiac arrest emergency.



Category	Technology	ZOLL AED Plus®	Schiller FRED PA-1/ FRED PA-1 Online
AED	Integrated real-time CPR feedback	Yes, Real CPR Help® with: <ul style="list-style-type: none"> <li>• Compression depth bar gauge</li> <li>• Audio and visual compression depth feedback</li> <li>• Adaptive metronome</li> </ul>	No integrated, real-time CPR feedback; impedance-based rate feedback with prompts to push faster or slower
	Instructive prompts	<ul style="list-style-type: none"> <li>• Integrated instructive voice and text prompts</li> <li>• Visual icons guide responders through the rescue</li> </ul>	Instructive voice prompts guide through the rescue
	Pre-shock pause	13 seconds	<20 seconds
	Display (format/type)	Monochrome LCD	None
	Paediatric capabilities	Yes, intelligent paediatric capability	Yes, uses paediatric electrodes to move to paediatric mode
	Paediatric-specific ECG analysis algorithm	Yes	No
	Paediatric-specific energy delivery	Energy levels: 50, 70, 85 J	Energy levels: 50, 50, 50 J
	Electrodes	CPR-D-padz® adult electrodes Pedi-padz® II paediatric electrodes	Adult and paediatric electrodes
	Electrodes: Paediatric weight/age range	<25kg or <8 years old	<25kg or <8 years old
	Optional ECG trace	Yes	No
	Data recording and storage	1 case, 7 hours of ECG and CPR data	120 minutes of ECG storage
	Audio recording	1 case, 20 minutes voice, ECG and CPR data	No
	Device data export/import	IrDA	SD Card (export) and GSM
FDA Pre-market approval (PMA)	Yes	No	

Category	Technology	ZOLL AED Plus®	Schiller FRED PA-1/ FRED PA-1 Online
Readiness	Self-test frequency	Weekly (default), configurable frequency for every 1, 2, 3, 4, 5, 6, and 7 days	Daily or weekly
Managing Device Readiness	Device management software (cloud-based)	PlusTrac®	LifeDataNet G2
	iOS/Android app for device checks	CheckAED™ mobile app	Yes
	Consumable tracking	Yes	Yes
	Responder/training tracking	Yes	No
Clinical Data Management	Case management software	<ul style="list-style-type: none"> <li>RescueNet® Event Summary</li> <li>RescueNet® CaseReview Premium</li> </ul>	No
	CPR performance summary	Yes	N/A
Consumables	Electrodes shelf life	<ul style="list-style-type: none"> <li>CPR-D-padz: 5 years</li> <li>Pedi-padz II: 2 years</li> </ul>	<ul style="list-style-type: none"> <li>Adult electrodes: 2 years</li> <li>Paediatric electrodes: 2 years</li> </ul>
	Battery standby (installed)	5 years standby life	Up to 6 years standby life
	Consumables required for 10 years of use	1 set CPR-D-padz and battery	<ul style="list-style-type: none"> <li>4 sets of adult electrodes</li> <li>4 sets of paediatric electrodes</li> <li>1 battery</li> </ul>