

# LIFEPAK® CR2 Wi-Fi®

## Fully Automatic Defibrillator



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CONNECTED. READY.

### ■ Wi-Fi connected AED for remote monitoring of readiness status

Sudden cardiac arrest (SCA) can happen to anyone - anywhere. Immediate treatment is vital. A victim's chance of survival dramatically decreases for every minute without treatment. That's why public access defibrillators are so important. LIFEPAK CR2 comes with a range of advanced features including Wi-Fi connectivity, so you can be assured you have nothing less than the best when SCA strikes.

### ■ Features:

- **Easy to follow bold graphics** - Both trained and untrained AED users clearly know how to begin.
- **QUIK-STEP™ electrodes** - Peel directly off the base for faster placement.
- **cprINSIGHT analysis technology** - Enables the defibrillator to analyze the patient's heart rhythm while CPR is being performed
- **Metronome and CPR coaching** - Sets an effective pace and audibly guides users.
- **ClearVoice™ technology** - Detects background noise and adjusts tones and voice prompts to ensure they can be heard clearly in noisy environments.
- **Highest available escalating energy** - Up to 360J for more effective shocks as needed.
- **Child mode** - No need to change electrodes.
- **IP55 rating** for challenging environments.
- **Backed by an 8-year limited warranty.**
- **Low cost of ownership** - Simply replace battery and electrodes ("Pad-Pak") every four years.
- **LIFELINKcentral AED program manager** - Monitor AED programs by tracking AED status, sending patient data to emergency responders and hospitals, detecting AED locations and other tools.



**LOW BATTERY/PADS REPLACEMENT COST**

**INSTRUCTIONS ARE EASIER TO HEAR IN NOISY ENVIRONMENTS**

#### cprINSIGHT - Analyses heart rhythm while CPR is being performed

The CR2 allows chest compressions during ECG rhythm analysis, thereby reducing pauses between CPR and defibrillation. Minimizing pauses increase survival rates.

#### Wi-Fi connected for automatic remote monitoring of your AEDs

Whether you have one AED, or 100 spread across the globe, now you can easily track the readiness status of each one. LIFELINKcentral monitors each CR2 connected to a Wi-Fi® network and alerts you to anything that may affect device readiness (e.g. *battery not charged*) - all automatically.

#### ClearVoice technology: perfect for noisy workplaces

Detects background noise and adjusts tones and voice prompts to ensure they can be heard clearly in noisy environments.

Product Code	Model	Type	Extras included
AEDLCR2WFA	LIFEPAK CR2 Connected	Fully Automatic AED connected (Wi-Fi) with LIFELINKcentral™ and cprINSIGHT™	Carry Case BONUS 3-dimension AED Sign

Ask your SafetyQuip branch for a demonstration of the LIFEPAK CR2.

**SAFETY GEAR ■ WORKWEAR**  
**FOOTWEAR ■ SITE SAFETY**

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### Defibrillator

**Waveform:** Biphasic Truncated Exponential with voltage and duration compensation for patient impedance.

**Patient impedance range:** 10 – 300 ohms.

**Energy accuracy:** 10% of the energy setting into 50 ohms, 15% of the rated energy output into 25 – 175 ohms.

**Output energy sequence:** Multiple levels, configurable from 150 joules to 360 joules.

**Energy default:** 200J, 300J, 360J (adult) 50J, 75J, 90J (pediatric)

**Shock Advisory System™:** An ECG analysis system that advises whether a shock is appropriate.

**cprINSIGHT™ analysis technology:** Enables the defibrillator to analyze the patient's heart rhythm while CPR is being performed. CPR coaching: Instructions for adult and pediatric CPR, including feedback when no CPR is detected, rate and depth guidance, a metronome and instructions on hand placement.

**Time to shock at 360J after CPR (with cprINSIGHT enabled):** Fully automatic: < 13 seconds

**Charge time:** 0 seconds for first 150J or 200J shock (as device is pre-charged). With cprINSIGHT enabled, subsequent shocks will be charged during CPR and ready to shock at the end of the CPR period.

### Controls

**Lid release/ON-OFF:** Controls device power.

**Shock button, fully automatic:** Flashes prior to delivering shock without requiring user intervention.

**Child Mode button:** Allows operator to switch to Child Mode for reduced energy and CPR guidance

appropriate for children.

**Language button:** Optional feature allows operator to switch between the primary and secondary languages for an optional multilanguage configuration.

**Electrical protection:** Input protected against high voltage defibrillator pulses per IEC 60601-1/ EN 60601-1.

**Safety classification:** Internally powered equipment. IEC 60601-1/EN 60601-1.

### User interface

**User interface:** The user interface includes voice prompts and audible tones.

**ClearVoice™ technology:** Detects background noise and adjusts audio and voice prompts to ensure they can be heard clearly in noisy environments.

**Device status indicators:** Visual and audible indicators indicating system readiness (device, pads and battery).

### Environmental

**Note:** All performance specifications defined assume the unit has been stored (two hours minimum) at operating temperature prior to operation.

**Operating temperature:** 0° to +50° C.

**Storage temperature:** -30° to +60° C with battery and electrodes, maximum exposure time limited to one week.

**Long term storage:** Always store the defibrillator within the recommended temperature range of 15° to 35° C.

**Altitude:** -1,253 to 15,000 ft (-382 to 4,572 m).

**Relative humidity:** 5 to 95% (non-condensing).

**Dust and water resistance:** IEC 60529/EN 60529 IP55 with electrodes connected and battery installed.

**Shock:** IEC 60068-2-27, (40g, 11 ms pulse, ½ sine each axis).

**Vibration:** MIL-STD-810G, method 514.6, helicopter – category 14 and ground vehicle – category 20.

### Physical characteristics

**With handle, including electrodes and battery:**

- Height: 9.7 cm
- Width: 22.6 cm
- Depth: 27.4 cm
- Weight: 2.0 kg

### Accessories

**Primary battery:**

- **Type:** Lithium manganese dioxide (Li/MnO<sub>2</sub>), 12.0V, 4.7 amp-hours.

- **Capacity (at 20° C):** Will provide 166 200 joule shocks (with one minute of CPR between shocks) or 103 360 joules shocks (with one minute of CPR between shocks) or 800 minutes of operating time.

- **Standby life (assuming daily tests only):** A new battery provides device power for 4 years if installed in device that is not used.

- **Replace battery indication:** At least 6 shocks and 30 minutes of operating time remain when first indicated.

- **Weight:** 0.3 kg

**Electrode pads:**

- **Pads:** Can be used on both adult and pediatric patients.

- **Pads packaging:** User intuitive, rapid access electrodes.

- **Pads replacement:** Replace every 4 years or after each patient use.

### Data storage

**Memory type:** Internal digital memory (flash RAM).

**ECG storage:** Minimum 60 minutes of ECG stored for two patient episodes.

### Communications

**Communications:** USB, Wireless 802.11 b/g/n data transfer to LIFELINKcentral™ AED program manager or LIFENET® System



V-shape AED Safety Sign  
225mm x 225mm  
Polypropylene



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