

## LIFEPAK® CR2 Defibrillator

### LIFEPAK CR2 Defibrillator with LIFELINKcentral™ AED Program Manager vs. Mindray® Beneheart D1 Public AED

Physio-Control is the pioneer in defibrillation technology with more than 60 years of experience. Our complete and connected AED response system is expertly designed for user confidence. The intuitive CR2 integrates advanced technology that enables heart rhythm analysis while CPR is performed. And LIFELINKcentral™ AED Program Manager monitors each AED every single day, sending alerts via cellular network or Wi-Fi® about anything that may affect a unit's readiness—all automatically. This means our customers can readily overcome the most difficult challenges of an AED program with a single, connected system. Here is a side-by-side comparison with the Mindray BeneHeart D1 Public AED.



LIFEPAK CR2 Debrillator with LIFELINKcentral AED Program Manager



Mindray BeneHeart D1 Public AED

#### Connected. Ready.

Connection to an AED program management system via Wi-Fi or cellular network	Yes	No, Wi-Fi only <sup>1</sup>
Automatic tracking of AED location via the cellular network	Yes	No
Wireless monitoring of battery charge and self-tests through an AED program management system to ensure readiness	Yes	Yes (battery charge unspecified) <sup>1</sup>
Email notification of device in use, including location and time	Yes	No
Wi-Fi transmission of event data to arriving emergency responders	Yes	No
Automatic distribution of AED event reports to professional caregivers	Yes (optional)	No
Wireless software upgrades	Yes	Yes, only through Wi-Fi <sup>1</sup>

#### Continuous high-quality CPR

Analysis during chest compressions shortens or eliminates pauses, to maximise hands-on time	Yes	No
Metronome and CPR coaching to audibly guide users in performing effective compression rate and depth	Yes <sup>6</sup>	No
Integrated CPR feedback using only the pads	Yes	No

#### Designed for user confidence

Bold and simple graphics help users focus on one task at a time	Yes	Yes
Time to shock from the end of CPR interval	Less than 7 seconds for a 360J shock (with cprINSIGHT™ technology)	Less than 17 seconds to 360J with disposable battery including rhythm analysis <sup>3</sup>
Side-by-side electrodes without a liner to minimise confusion	Yes	No
Detection of background noise and automatic volume adjustment to ensure instructions are audible	Yes	Unspecified
Optional dual language capability for use in multilingual communities	Yes, toggle between two pre-set languages	Yes, toggle between two pre-set languages <sup>4</sup>
High IP rating for protection against water and dust	Yes, IP55	Yes, IP55 <sup>5</sup>
Child mode button for quick access to reduced energy	Yes	Yes
Escalating biphasic full energy for difficult-to-defibrillate patients	Yes, 150–360J	Yes, 100-360J configurable <sup>3</sup>

Mindray will say the BeneHeart D1 Public's AED Alert™ system allows you to save on service and maintenance costs by tracking your AED through a Wi-Fi connection<sup>2</sup>, but consider the restrictions of only being able to place your AEDs in locations where there is a Wi-Fi network in order to automatically track them.

## REFERENCES

1. Mindray Medical International Limited. (2013). *BeneHeart D1 Defibrillator Brochure*.
2. Mindray Medical International Limited. Retrieved July 15, 2016 from [http://www.mindray.com/en/products/D1\\_Professional.html](http://www.mindray.com/en/products/D1_Professional.html).
3. Mindray Medical International Limited. (2013). *BeneHeart D1 Defibrillator Data Sheet (210285x2P-20131118)*.
4. AED Expert. Retrieved July 15, 2016 from <http://www.aedexpert.co.uk/aed/mindray-beneheart-d1/>.
5. Australian Defibrillators. Retrieved July 15, 2016 from <http://www.aeds.com.au/Mindray-Beneheart-D1-Pro-Defibrillator.html>.
6. Physio-Control Internal Semi-Automatic AED Comparison Usability Study, August 2016.

All claims valid as of August 2016.

If you purchased your LIFEPAK CR2 Defibrillator from an authorised Physio-Control distributor or reseller, this distributor or reseller will have access to your LIFELINKcentral AED Program Manager account and may receive notifications prompted by the LIFEPAK CR2 Defibrillator. Please note that this setting can be disabled at ANY time: if you wish to disable this setting, please send a request to Physio-Control Customer Support to change the Distributor value to "Customer Managed".

For further information please contact your local Physio-Control representative or visit our website at [www.physio-control.com](http://www.physio-control.com)



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