

# BeneHeart D1

## Defibrillator



## Globally experienced, locally accessible

Mindray is one of the leading global providers of medical devices and solutions. Firmly committed to our mission of “sharing medical technologies with the world”, we are dedicated to innovation in the fields of Patient Monitoring & Life Support, In-Vitro Diagnostics, and Medical Imaging. The 1 Solution capitalizes on Mindray’s broad product portfolio and offers hospitals a holistic and systemic solution to improve the overall efficiency and quality of care particularly in three key clinical areas: emergency care, peri-operative care, and critical care.

Headquartered in Shenzhen, China, and listed on the New York Stock Exchange, Mindray possesses a sound distribution and service network with subsidiaries in 18 countries in North and Latin America, Europe, Africa and Asia-Pacific. While improving the quality of care, we help in reducing its cost, making it more accessible to a larger part of humanity.

Since its foundation in 1991, Mindray’s development has been driven by innovation. Mindray has built up a global R&D network with research centers in Seattle, New Jersey, Miami, Stockholm, Shenzhen, Beijing, Nanjing, Chengdu, Xi’an and Shanghai.

Today, Mindray’s products and services can be found in healthcare facilities in over 190 countries and regions. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation, bringing healthcare within reach.



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**mindray**  
healthcare within reach

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## Powerful support for professional responders

BeneHeart D1 is a powerful automated external defibrillator (AED). Supporting you throughout the emergency response process, BeneHeart D1 is lightweight, compact, durable and very easy to use while offering all standard AED functions.

Based on biphasic technology, the delivered energy can be escalated to 300J and 360J. BeneHeart D1 allows you to improve the defibrillation success ratio by increasing the dose of subsequent shocks.

Acknowledging the stressful and time-sensitive working environment, D1's professional grade configuration has been designed especially for **BLS** and **ALS** teams to treat cardiac arrest patients and provide continuous ECG monitoring. The intelligent functions and intuitive user interface make D1 an **efficient** and **flexible** lifesaving aid for professional responders.





## Efficient: Helping BLS to respond faster

- **Large 7-inch TFT display** supports clear visual guide with color animation.
- **Pre-connected pads** save time.
- **Easily switch between pediatric and adult** patients with the press of one button.
- **Auto-identify patient type** through pad connector so that a lower energy dose is delivered to pediatric patients.
- **Auto-adjustable volume and screen brightness** allow you to comfortably use D1 in a variety of environments.



## Flexible: Helping ALS to provide more professional therapies

- **Real manual mode with energy level selection** provides the complete 1-2-3 step process for you to deliver high-quality shocks to the patient.
- **Independent 3-lead ECG monitoring** through separate socket allows you to view more ECG leads or arrhythmias while the pads are still being used.
- **Synchronized cardioversion** is also available in the small and compact D1.



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*BeneHeart D1 has the high protection level (IP55) to against the dust and water.*

### Battery and External Charger (optional)



BeneHeart D1 with one Li-ion battery supports more than 300 shocks at 200J or 200 shocks at 360J as well as 12 hours of monitoring. The external charger keeps a spare battery charged and ready for use.

\* The Li-ion battery is compatible with BeneHeart D3's.

### LED Indicator



Automated self-tests are performed periodically and results are shown through audiovisual alerts. Also, a visual indicator in green confirms that D1 is ready for use.

### Carrying Case (optional)



The carrying case offers space for D1 together with a spare battery, ECG wires and cable as well as a small kit containing scissors and a razor.

### USB Port (optional)



You can export data from D1 through a USB drive and review it on a PC using Mindray software.