

# **BeneHeart C1A**

Semi-/Fully-Automatic AED (Automated External Defibrillator)

# **Smarter & Faster**







mindray
healthcare within reach



# Intuitive Design



Open the lid to power on



Semi-automatic or fully automatic version



Up to 3 languages to select



Pre-connected adult/ child electrodes



Adult/child mode

# Smart & Easy

# Intelligent ResQNavi™

For public rescue, the rescuer's proficiency in the resuscitation process often varies greatly. Rescuers who lack resuscitation experience need more detailed guidance, while experienced rescuers only need simple prompts and too complicated prompts might reduce the efficiency of these rescuers.

Based on a large number of user behavior and psychological research results, ResQNavi™ technology can evaluate the proficiency level of rescuers and provide targeted intelligent rescue navigation for different rescuers throughout the whole resuscitation process.

#### User Interactive Rescue Guidance

BeneHeart C1A knows what you need. When the rescuer is too nervous or inexperienced and does not apply the pads for a long time, ResQNavi<sup>TM</sup> is able to recognize the challenge of the rescuer encounters in time, and provide more detailed operation guidance for the rescuer through the change of voice prompts.





## Continuous Encouragement during CPR Process

ResQNavi<sup>™</sup> provides comprehensive CPR navigation for rescuers in accordance with the latest AHA/ERC guidelines to help rescuers perform high quality CPR.

- CPR mode can be configured to 30:2, 15:2 and hands-only
- Simple switching between adult-child mode
- CPR metronome
- CPR real-time feedback<sup>1</sup>
- CPR process encouragement can continuously encourage the rescuer and help to achieve the goal of saving a life, just like a personal coach at side



RESUSCITATION

Requiring to configure with CPR sensor. For further information about the availability of CPR sensor, please contact with your local sales representatives.

# Faster & Powerful Shock

# OShock<sup>™</sup>-Faster Time to 1st Shock

Success rates for defibrillation drop every second.

BeneHeart C1A is equipped with our new QShock<sup>TM</sup> technology. With the QShock<sup>TM</sup>, BeneHeart C1A is able to increase the chance of a successful defibrillation.

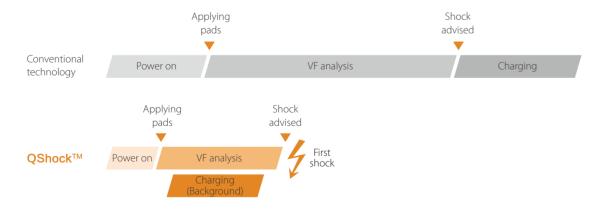
It only takes less than 8 seconds to deliver the first shock.<sup>2</sup>



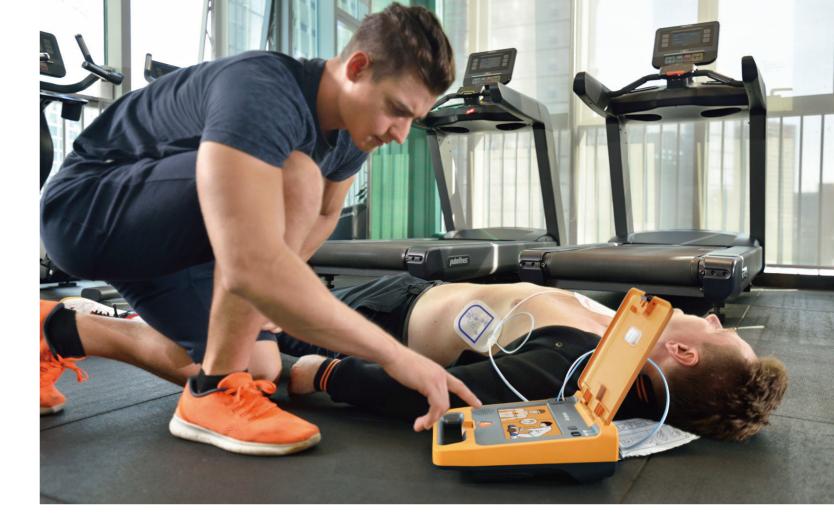
# How can QShock<sup>™</sup> technology achieve a faster first shock?

QShock<sup>TM</sup> not only greatly shortens the time of power-on and heart rhythm analysis but also performs synchronous pre-charging in the process of heart rhythm analysis.

After the rhythm analysis is completed the energy can be delivered immediately without any delay, so that victims can get electric shock as soon as possible, and rescuers might feel more calm due to the shorter time for waiting.



<sup>&</sup>lt;sup>2</sup> Not including the time of applying pads.



# 360BTe-Higher Energy for Better Outcome

BeneHeart C series features 360J biphasic technology with auto-compensation according to patient impedance, which increases the chance to save difficult-to-defibrillate patients.

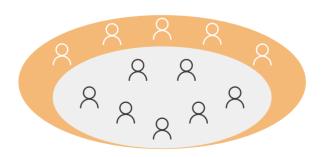
If using a manual defibrillator capable of escalating energies, higher energy for second and subsequent shocks may be considered.

-- 2015 AHA Guideline, Part 7

... a larger study showed termination rates of refibrillation declined when using repeated 200J shocks, unless an increased energy level (360J) was selected.

Human studies have not shown harm (raised biomarkers, ECG changes, ejection fraction) from any biphasic waveform up to 360J.

-- 2015 ERC Guideline, Section 3



200J works for many people, but does not work for everyone.

360J works while 200J failed.

<sup>&</sup>lt;sup>3</sup> As device is pre-charged during ECG analysis.

# Reliable & Durable Quality

BeneHeart C1A has passed a series of rigorous tests. Its reliable quality makes BeneHeart C1A able to face a variety of challenges of severe environments with great confidence.





6-surface 1.5m drop test





IP55 water-/dust-proof





Meets all standards for helicopter and other transport



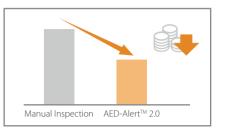


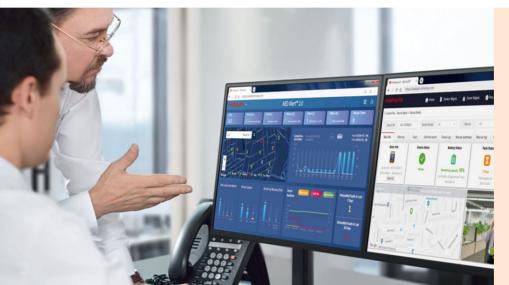
BeneHeart C1A is equipped with high quality consumables. The durable battery and pads have a life cycle up to 5 years, which results in lower total cost of ownership.

# Stay Connected, Stay Confident

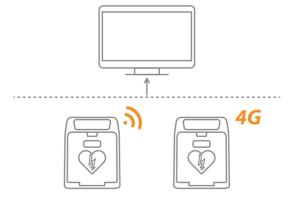
AED-Alert™ 2.0 system⁴ helps managers realize remote and centralized AED management through advanced IoT technology and replaces manual inspection with automatic self-test to reduce daily maintenance costs.

AED-Alert<sup>TM</sup> 2.0 provides comprehensive device status reminders to ensure AED's always ready to use, which results in the reduction of the daily maintenance risks at the same time.





- Complete overview of all AEDs
- AED fault notification
- Pads & battery expiry date reminder
- Electronic fence



## Flexible Network Solutions

BeneHeart C1A can be equipped with Wi-Fi or 4G in order to connect with AED-Alert $^{TM}$  2.0 environments.



# High Data Security

AED-Alert<sup>™</sup> 2.0 fully meets the EU General Data Protection Regulation (GDPR).

 $<sup>^4</sup>$  For further information about the availability of AED-Alert  $^{\text{TM}}$  2.0, please contact with your local sales representatives.

## **BeneHeart C1A**

#### **Automated External Defibrillator (AED)**

**Defibrillator** Optional feature allows the user to Language button Operations Semi-automatic and fully automatic switch between max. 3 languages versions **Physical Characteristics** Waveform Biphasic Truncated exponential (BTe), **Dimension** 210 mm (w) x 286 mm (d) x 78 mm (h) with automated voltage and duration Weight 2.0 kg (including one battery) compensation for patient impedance **Environmental** Range of selected 100 to 360 J (adult) Dust/water IP55 energy 10 to 100 J (child) resistance **Energy default** 200-300-360 J (adult) **Temperature** Operating: -5 to 50°C 100-100-200 J (child) Short-term storage: -30 to 70 °C for a **Default configuration meets** maximum of 7 days AHA2020/ERC2021 Guidelines. Long-term storage: 15 to 35°C **Energy accuracy** ±2 J or ±10 % of setting, whichever is Operating/storage: 5 to 95 % (non-Humidity greater condensing) Power on time < 2 seconds **Altitude** Operating/storage: -381 m to +4575 m ECG analysis time < 5 seconds RTCA-DO-160G-2010, Section 7 Shock Charge time 0 seconds (as device is pre-charged IEC60601-1-12,10.1.3, 10.1.4 during ECG analysis) **Vibration** MIL-STD-810G-2008, method 514.6, Time from power on < 8 seconds (200J, new battery, 20 $\pm$ Category 13, Category 14, Category 20, to shock ready 5°C) Category 24 Mindray shockable Acquires and analyzes the patient's ECG EN13718-1, 4.7.2 rhythm analysis signals to determine whether or not to EN1789, 6.3.4.2 **Bump** algorithm give a defibrillation shock EN13718-1, 4.7.2 Sensitivity and Meets AAMI DF80 specifications and IEC Drop 1.5 m 60601-2-4 specifications specificity **EMC** IEC60601-1-2: 2014 Patient impedance 25 to 300 Ω EN13718-1, 4.5.7 range IEC 60601-1-12, 11 **User Prompts Battery User prompts** Voice prompts Lithium manganese dioxide (Li/MnO2), Type **CPR** coaching Voice guide disposable, 4200 mAh **CPR** metronome Standby life 6 years (at 20±5 °C, performing auto CPR real-time feedback<sup>1</sup> test every week, not in use, not sending **CPR** protocol Meets AHA/ERC Guidelines 2015 and/or self-test report) can be configured locally 5 years (at 20±5 °C, performing auto **Controls** test every day, not in use, not sending Lid release/ON-OFF Controls device power on/off self-test report) **Shock button** Delivers energy when button presses by Capacity With new battery at 20±5 °C: the user (semi-automatic only) ≥ 15 hours of operating times; provides Adult/child mode Switch to child mode for reduced max. 400 shocks @200J (± 3 shocks switch energy and appropriate CPR guidance < 1 minute)

Replace battery

Min. 10 shocks at 200 J and 30 minutes

indication of operating time (at 20±5 °C, typical).

Weight 300 g

**Electrode Pads** 

Type Pre-connected, disposable, for

adult/child

Shelf life 5 years (from date of manufacture)

CPR Sensor<sup>2</sup>

Weight Approximately 180 g (without battery)

Thickness 17.5 to 19 mm

**Automatic Self-test** 

Auto-test Daily, weekly, monthly, quarterly
Status indicator Visual indicators indicating system

readiness

**Data Storage** 

Events Up to 500 events

Voice recording Up to 1 hour
CPR data Up to 5 hours
Self-test reports 1000 records

Data export Through USB flash memory

**Communications** 

Wireless data Through 5G/2.4G Wi-Fi or cellular (4G)<sup>3</sup>

transfer to AED- network

Alert™ 2.0 system

your local sales representatives.

## www.mindray.com

P/N:ENG-C2 Datasheet - 210285X2P-20230107

©2023 Shenzhen Mindray Bio-Medical Electronics Co.,Ltd. All rights reserved.



<sup>&</sup>lt;sup>1</sup> Requiring to configure with CPR sensor

<sup>&</sup>lt;sup>2</sup> For further information about the availability of CPR sensor, please contact with

³For further information about the availability of 4G data transfer and AED-Alert™

<sup>2.0</sup> system, please contact with your local sales representatives.

# BeneHeart C & BeneHeart S Series

# **Automated External Defibrillator**

# **Operator's Manual**

(BeneHeart C1/BeneHeart C1A/BeneHeart C2/BeneHeart C2A/BeneHeart C1 Fully Automatic/BeneHeart C1A Fully Automatic/BeneHeart C2 Fully Automatic/BeneHeart C2A Fully Automatic/BeneHeart S1/BeneHeart S1/BeneHeart S1A/BeneHeart S2/BeneHeartS2A/BeneHeart S1 Fully Automatic/BeneHeart S1A Fully Automatic/BeneHeart S2A Fully Automatic/BeneHeart S2A Fully Automatic)



 ${\small \texttt{@ Copyright 2019 Shenzhen Mindray Bio-Medical Electronics Co., Ltd. All rights reserved.}\\$ 

Release time: 2019-12

Revision: 5.0

I

#### 2.1 Overview

The BeneHeart C & S series automated external defibrillator is designed for treating life-threatening heart beat irregularities.

There are two types of product models provided: semi-automatic and fully automatic. Some of the series equipments are configured with the screen. Characteristics of the product models are detailed in the following table.

Model		Defibrillation mode	With the Shock button?	With the Screen?
BeneHeart	BeneHeart C1	semi automatic	Yes	No
C series	BeneHeart C1A			
	BeneHeart C2			Yes
	BeneHeart C2A			
	BeneHeart C1 Fully Automatic	fully automatic	No	No
	BeneHeart C1A Fully Automatic			
	BeneHeart C2 Fully Automatic			Yes
	BeneHeart C2A Fully Automatic			
BeneHeart	BeneHeart S1	semi automatic	Yes	No
S series	BeneHeart S1A			
	BeneHeart S2			Yes
	BeneHeart S2A			
	BeneHeart S1 Fully Automatic	fully automatic	No	No
	BeneHeart S1A Fully Automatic			
	BeneHeart S2 Fully Automatic			Yes
	BeneHeart S2A Fully Automatic			

After the electrode pads are applied to the patient's chest, the equipment analyzes the patient's heart rhythm.

- If a shockable rhythm is detected, the semi-automatic model requires the operator to deliver the shock, the fully automatic model delivers the shock without any intervention.
- If non-shockable rhythm is detected, the equipment enters CPR status by default.

Both types of models provide voice instructions that guide you through the entire defibrillation process. A flashing Shock button on the semi-automatic model is also presented to reinforce the voice prompts

The equipment also provides real-time CPR feedback, including the chest compression depth, rate and interruption time if it is connected with a CPR sensor.

#### 2.1.1 Intended Use

The BeneHeart C & S series defibrillator, hereafter called the equipment, is intended to be used on adults and children in a sudden cardiac arrest. The patients must be:

- Unresponsive
- Not breathing or not breathing normally

The equipment also guides the operator throughout cardiopulmonary resuscitation (CPR) with voice and/or visual guidance.

The equipment is to be used in public places and facilities by persons who have been trained in its operation. The operator should be trained in basic life support, advanced cardiac life support or other emergency medical response.

#### 2.1.2 Contraindications

Do not use the equipment when the patient is showing any of the following:

- Consciousness
- Breathing

#### 2.2 Applied Parts

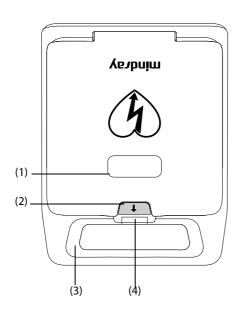
The applied parts of the equipment are:

- Electrode pads
- CPR sensor (if configured)

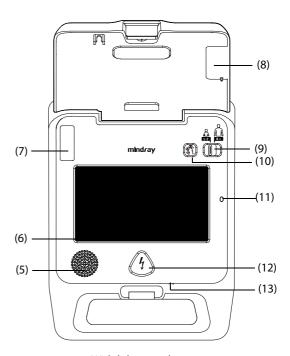
#### 2.3 Main Unit

Based on the clinical application, the view that the equipment laid on the ground with lid opened is taken as the reference direction. The following views are defined by the reference direction.

#### 2.3.1 Top View







With lid opened

- (1) Pad expiration window: checks the expiration date of pads.
- (2) Latch: opens or closes the lid.
- (3) Handle
- (4) Status indicator
  - Green: the equipment is turned on, and can work correctly.
  - Flashing green: the equipment is in the standby status, and is ready for operation at any time.
  - Flashing red: auto test failure is detected on the equipment.
  - Off: no battery is installed or the battery is malfunctioning.
- (5) Speaker: the equipment automatically adjusts the volume depending on surrounding noise levels by default.
- (6) Display screen (for equipment configured with the screen)
- (7) Pads connector: connects the electrode pads.
- (8) Pads package holder: stores the electrode pads.
- (9) Adult/Child mode switch: flip right or left to switch between adult and child.
- (10) Language button: press to switch between the configured languages.
- (11) Optical sensor (for equipment configured with the screen):
  the equipment automatically adjusts the screen brightness depending on surrounding light by default.
- (12) Shock button (for semi-auto model): press to deliver a shock to the patient.
- (13) Microphone: records voices. It is available only when the record function is enabled.

#### Drop

1.5 m per IEC 68-2-32, 1 on each of the six surfaces.

#### **CAUTION**

The equipment may not meet the performance specifications if stored or used outside the specified temperature and humidity ranges. If the performance of the equipment is degraded due to aging or environmental conditions, contact your service personnel.

## **A.3** Physical Specifications

Main Unit	Size (Width × depth × height)	Weight
BeneHeart C1/BeneHeart C1A/ BeneHeart S1/BeneHeart S1A	21.0 cm×28.6 cm×7.8 cm (± 2cm)	$2.0\pm0.3$ kg, including one battery, excluding the Wi-Fi and cellular modules.
BeneHeart C2/BeneHeart C2A/ BeneHeart S2/BeneHeart S2A		$2.3 \pm 0.3$ kg, including one battery, excluding the Wi-Fi and cellular modules.
BeneHeart C1 Fully Automatic/ BeneHeart C1A Fully Automatic/ BeneHeart S1 Fully Automatic/ BeneHeart S1A Fully Automatic		$2.0\pm0.3$ kg, including one battery, excluding the Wi-Fi and cellular modules.
BeneHeart C2 Fully Automatic/ BeneHeart C2A Fully Automatic/ BeneHeart S2 Fully Automatic/ BeneHeart S2A Fully Automatic		$2.3\pm0.3$ kg, including one battery, excluding the Wi-Fi and cellular modules.

## A.4 Display Specifications (for Equipment Configured with the Screen)

Туре	TFT Color LCD
Brightness	Auto, Outdoor Mode, Indoor mode. In the auto mode, the equipment automatically adjusts the screen brightness according to the ambient light.
Size	7 inch
Resolution	800×480 pixels
Viewed waveforms	1
Wave viewing time	Max. ≥ 6s (ECG)

#### A.5 Audio Indicators

Speaker	Gives prompt tones (65 dB to 78 dB).
	Supports multi-level tone modulation.

# A.6 Interface Specifications

USB connector	1, USB 2.0
micro USB connector	1, supports Windows 7 or above operating system
Network connector	1, connects the Wi-Fi or cellular (2G/3G/4G) network.
Multifunction connector	1, connects the CPR sensor.

# A.7 Battery Specifications

Battery type	Disposable battery		
Battery voltage	12V		
Battery capacity	4200mAh		
	Operating time	Testing condition	
Equipment configured without the screen	≥ 15 hours	The equipment is powered by a new battery at 20 °C $\pm$ 5 °C of ambient temperature, wireless function off, not performing defibrillation charges or discharges, voice volume set to low.	
	300 200J discharges	The equipment is powered by a new battery at 20 °C± 5 °C of ambient temperature, wireless function off, voice	
	190 360J discharges	volume set to low, with one minute of CPR between discharges	
	510 150 J discharges	The equipment is powered by a new battery at 20 °C± 5 °C of ambient temperature, wireless function off, voice	
	400 200J discharges	volume set to low, with three discharges every minute	
	200 360J discharges		
Equipment configured with the screen	≥ 12 hours	The equipment is powered by a new battery at 20 °C $\pm$ 5 °C of ambient temperature, wireless function off, not performing defibrillation charges or discharges, voice volume set to low.	
	270 200J discharges	The equipment is powered by a new battery at 20 °C±5 °C of ambient temperature, wireless function off, voice	
	170 360J discharges	volume set to low, with one minute of CPR between discharges	
	450 150J discharges	The equipment is powered by a new battery at 20 °C± 5 °C of ambient temperature, wireless function off, voice	
	350 200J discharges	volume set to low, with three discharges every minute	
	200 360J discharges		
Battery fuel gauge (for equipment configured with the screen)	Battery symbol o	on the display indicating the current battery level	

# **B** Mindray Shockable Rhythm Analysis Algorithm

The equipment configured with Mindray shockable rhythm analysis algorithm acquires and analyzes the patient's ECG signals to determine whether or not to give a defibrillation shock. If a shockable rhythm is detected, the algorithm recommends a defibrillation shock. If a nonshockable rhythm is detected, the algorithm recommends no shocks, avoiding unnecessary defibrillation shock to the patient.

Mindray shockable rhythm analysis algorithm has been validated by using the database for evaluation of Mindray algorithm performance.

#### **B.1** Rhythm Recognition and Annotation Methodology

This section describes the recording method, rhythm source, rhythm selection criteria, annotation methods and criteria the database for evaluation of Mindray shockable rhythm analysis algorithm.

#### **B.1.1** Database for Evaluation of Mindray Algorithm Performance

The database for evaluation of Mindray algorithm performance includes international standard database and Mindray clinical database for evaluating the ECG data. The ECG data for evaluation is selected according to AHA recommendations<sup>a</sup> with a 10-second wave length.

Database for evaluation of Mindray shockable rhythm analysis algorithm includes:

- MIT-BIH: The Massachusetts Institute of Technology–Beth Israel Hospital Arrhythmia Database (from Holter)
- AHA: The American Heart Association Database for Evaluation of Ventricular Arrhythmia Detectors (from Holter)
- VFDB: MIT-BIH Malignant Ventricular Arrhythmia Database (from Holter)
- CU: The Creighton University Sustained Ventricular Arrhythmia Database [the third edition] (from hospital monitor)
- NST: The Noise Stress Test Database (12 ECG records of 30 minutes each plus 3 records of noise only supplied with the MIT–BIH database)
- Mindray clinical data (from Mindray monitors, defibrillator monitors and automated external defibrillators)

#### **B.1.2** Rhythm Categories

Each rhythm category for evaluating the ECG data has been confirmed by the clinical experts.

- Shockable rhythms
  - Coarse ventricular fibrillation (VF): amplitude ≥0.2mV
  - ◆ Rapid ventricular tachycardia (VT): HR≥150bpm, QRS duration ≥120ms
- Nonshockable rhythms
  - Normal sinus rhythm
  - Asystole: amplitude < 0.1 mV</li>
  - Atrial fibrillation/flutter, supraventricular tachycardias, sinus bradycardia, idioventricular rhythms, heart block, premature ventricular contractions, etc
- Intermediate rhythms
  - ◆ Fine ventricular fibrillation: 0.1mV < amplitude < 0.2mV
  - Other VT: ventricular tachycardia that does not meet criteria for VT in the shockable rhythms category

The following table lists voice prompts that may occur during a rescue.

Condition	Voice Prompt	Description	
Open the lid	Powered on. Stay calm. Follow the instructions.	The lid is opened.	
	Device error. Recommended to replace the Device. Stay calm. Follow the instructions.	The equipment malfunctions, use one standby equipment or start CPR immediately.	
After turning on the equipment	Adult mode	The Adult/Child mode switch is pressed to Adult, or the electrode pads connected to the equipment are detected for the adult patient.	
	Child mode. if the patient is an Adult, adjust the Adult/Child mode switch to Adult mode.	The Adult/Child mode switch is pressed to Child.	
	Child mode	The Adult/Child mode switch is pressed to Child, or the electrode pads connected to the equipment are detected for the children.	
Place the electrode pads	Remove clothing from patient's chest. Apply pads as shown on Pads.	Detecting the response time to the voice prompts, the equipment	
	Remove clothing from patient's chest. Plug in pads connector.	provides an intelligent voice guide here. This guide quickly helps the rescuer to remove the patient's clothing and place the electrode pads.	
	Remove pads package from lid of AED.Tear open package. Apply pads as shown on Pads.		
	Apply pads as shown on Pads.		
	Apply pads as shown on Pads.		
	Abnormal Pads connection.	Pads connection failure, start CPR immediately.	
The equipment analyzes the patient's heart rhythm.	Do not touch the patient. Analyzing heart rhythm.	Repeats until analysis of the patient's heart rhythm is completed. This prompt will be interrupted if the equipment is ready to shock.	
	No shock advised.	Notifies non-shockable rhythm has been detected.	
	Motion detected. Do not touch or move the patient.	The equipment detects ECG noise artifacts, stop moving or touching the patient.	
	Noise detected. Make sure pads are firmly attached.	The equipment detects ECG noise artifacts, better pads contact on the patient's skin is required.	
	Pads off. Analysis interrupted.	Pads connection failure, the equipment automatically stops the heart rhythm analysis. Reconnect the electrode pads.	

Condition	Voice Prompt	Description	
The equipment delivers a shock.	Shock advised.	Notifies a shockable rhythm has been detected.	
	Shock will be delivered in: 3, 2, 1	Prompts the equipment is fully charged and is preparing to deliver a defibrillation shock.	
	Shock delivered.	Prompts the shock is delivered.	
	Press flashing shock button	Prompts the equipment is fully charged and ready to deliver the defibrillation shock.	
	Shock canceled. Shock button was not pressed.	The Shock button is not pressed within the configured time and the equipment cancels the shock.	
	Device error, charge failed.	The equipment is unable to start charging because of a fault condition. The equipment resumes the rhythm analysis after a charging failure. After three consecutive charging failures, the equipment automatically enters the CPR status.	
	Device error, shock failed.	The equipment is unable to deliver a	
	Shock canceled. Press pads firmly to patient's bare skin.	shock because of a fault condition. Or, it is not suitable to deliver a shock to the patient. The equipment	
	Shock canceled. Pads must not be touching each other.	disarms itself and resumes the rhythm analysis after a discharging failure. After three consecutive discharging failures, the equipment automatically enters the CPR status.	
	Rhythm change, shock canceled	The equipment detects a rhythm change and cancels the shock	
Perform CPR	Start CPR immediately.	Prompts to prepare to provide compressions and breaths CPR.	
	Give chest compressions immediately.	Prompts to prepare to provide	
	Continue to compress without rescue breaths.	compressions-only CPR.	
	Place one hand on center of chest, the other hand should be on top of first hand. Interlock the fingers. Continue to push down hard.		
	Place one hand on center of chest. Keep arms straight. Continue to push down hard.		
	Keep arms straight.Continue to push down hard.		
	Interlock the fingers. Continue to push down hard.		
	100 compressions remaining.		
	50 compressions remaining.		
	20 compressions remaining.		

Condition	Voice Prompt	Description	
Perform CPR	Push down hard.	Prompts to use more effort for	
	Continue to push down hard.	compressions.	
	Stop CPR.	Prompts to stop CPR.	
	Continue with compressions.	Prompts to continue CPR.	
	Give two rescue breaths.	Prompts to give breath to the	
	One	patient.	
	Two		
	Follow the metronome to give 200 compressions approximately.	Prompts the CPR metronome pacing the speed of compressions.	
	Follow the metronome to give 30 compressions and 2 rescue breaths.	Prompts to prepare to provide compressions and breaths CPR.	
	Follow the metronome to give 15 compressions and 2 rescue breaths.		
Use a CPR sensor for CPR	Incomplete recoil	Prompts to use more effort and release all pressure when moving hands up.	
	Compress faster	Prompts to adjust the compression rate.	
	Compress slower		
	Compress deeper	Prompts to adjust the compression	
	Compress shallower	rate.	



# BeneHeart C Series AED Accessories and Consumables

CATALOGUE

2020.02





## Disposable Pads

Disposable Faus				
Picture	Model	Part No.	Description	Purchasing Unit
mindroy water	MR62	125-000060-00	AED disposable pads II, Adu/Ped, with auto-identification	1 pair/pack
	MR62	125-000061-00	AED disposable pads II, Adu/Ped, with auto-identification	5 pairs/pack
mindrey was a	MR63	115-001289-00	AED disposable pads, Ped, with auto-identification	1 pair/pack
Section 19	MR63	115-035427-00	AED disposable pads, Ped, with auto-identification	5 pairs/pack
mindray See	MR60	115-040517-00	Defibrillaton disposable pads, Adu/Ped, without auto-identification	1 pair/pack
	MR60	0651-30-77007	Defibrillaton disposable pads, Adu/Ped, without auto-identification	5 pairs/pack



## Battery

Picture	Model	Part No.	Description	Purchasing Unit
	/	115-065054-00	Li-MnO <sub>2</sub> battery, 4200mAh, disposable, for C series AED only	Each

## **CPR Sensor**

Picture	Model	Part No.	Description	Purchasing Unit
	/	115-044871-00	CPR sensor kit (without battery) including: - CPR sensor without battery - CPR sensor cable - Disposable CPR sensor adhesive tape, 3pcs	Each

#### **Data Review Software**

Picture	Model	Part No.	Description	Purchasing Unit
	/	0651-30-77145	Data output software package including: - Software CD - Installation guide	Each

## **Mounting Solution**

Picture	Model	Part No.	Description	Purchasing Unit
Windray	/	045-003982-00	Wall bracket, with mounting kit, green	Each



045-003976-00 Wall cabinet, with mounting kit, Each with alarm and location sign, green

# Backpack

•				
Picture	Model	Part No.	Description	Purchasing Unit
AED AED		048-008497-00	Backpack, red, for C series AED only	Each
13.7	/	048-004292-00	Rescue kit including:  - Disposable gloves, 2 pairs  - Disposable mouth-to-mouth respiratory membrane  - Disposable antimicrobial wipe	Each

Disposable razorTrauma scissors

# **Training Tools**

Picture	Model	Part No.	Description	Purchasing Unit
	/	100-000206-00	AED trainer reusable pads, Adu	1 pair
numer trans	/	100-000207-00	AED trainer reusable pads, Ped	1 pair
	/	100-000208-00	AED trainer reusable pads cable, Adu, orange	Each
	/	100-000209-00	AED trainer reusable pads cable, Ped, green	Each
mindray迈瑞	/	100-000210-00	AED trainer carry case	Each
	/	100-000345-00	AED trainer remote control, for C series AED only	Each

Picture	Model	Part No.	Description	Purchasing Unit
mindray 12 14		100-000344-00	AED trainer kit, for BeneHeart C2, with screen, including:  - AED trainer (for C2, with screen)  - AED trainer reusable pads, Adu, 1 pair  - AED trainer reusable pads cable, Adu  - AED trainer carry case  - AED trainer remote control	Each
mindray 23x	/	100-000343-00	AED trainer kit, for BeneHeart C1A, no screen, including:  - AED trainer (for C1A, no screen)  - AED trainer reusable pads, Adu, 1 pair  - AED trainer reusable pads cable, Adu  - AED trainer carry case  - AED trainer remote control	Each