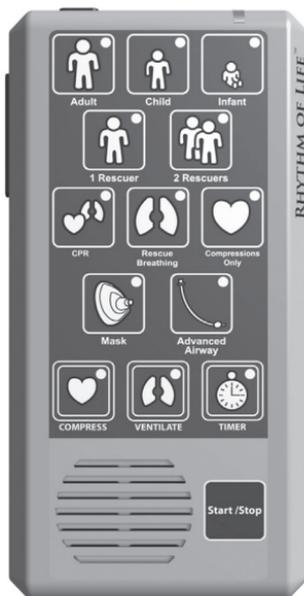


RHYTHM OF LIFE™



CPR TIMER USER'S GUIDE

Rx ONLY

△ FC CE
PATENT PENDING

INTRODUCTION

The Rhythm of Life by Rapid Response Solutions is a pocket-sized timing device, also known as a metronome. This device is designed to assist both medical professionals and trained lay rescuers in providing high-quality cardiopulmonary resuscitation (CPR) through the use of clear visual and audible prompts. The CPR timer provides three distinct audible tones and visual feedback to guide the rescuer to compress the patient's chest, ventilate the patient, and provide interventions after every two minutes of resuscitation. The Rhythm of Life is designed in accordance with the American Heart Association (AHA) Guidelines for CPR¹.

DISCLAIMERS

The Rhythm of Life CPR timer is intended for use by individuals who have received formal CPR training. The device is not to be used as a substitute for formal education and is to be used in conjunction with the learning process in simulated environments and for improved performance of CPR in live environments. The metronome is designed as a CPR aid only. Always refer to the American Heart Association Guidelines, local protocol, policy/procedure, formal education, and local healthcare professionals for clinical guidance. **Always use clinical judgment when using or relying on information from any medical device as device malfunctions may occur, which may affect the accuracy of the information provided.**

INTENDED USE

The Rhythm of Life is a visual and audio timing device assisting individuals trained in CPR to provide effective resuscitation by conforming to the guidelines promoted by the American Heart Association in the field, clinical, and hospital settings. The Rhythm of Life is also intended for use by those in an educational setting during the process of learning CPR.

REGULATORY & SAFETY COMPLIANCE

The Rhythm of Life CPR timer conforms to the following applicable standards:

- ANSI C63.4 & 47 CFR Part 15, Subpart B
- EN60601-1-2 : 2001+A1:2006 CISPR 11 : 2003
- IEC61000-4-2 : 1995+A1:1998+A2:2000
- EC61000-4-3 : 2006
- IEC61000-4-8 : 1993+A1:2000



SYMBOLS ON THE DEVICE

Caution, consult accompanying documents for product use and important safety-related information.



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. Any changes or modification to this product not expressly approved by the manufacturer could void the user's authority to operate this device.



Marking by the CE symbol indicates compliance of this system to the applicable Council Directives of the European Union including the 93/42/EEC Medical Device Directive.

IMPORTANT INFORMATION

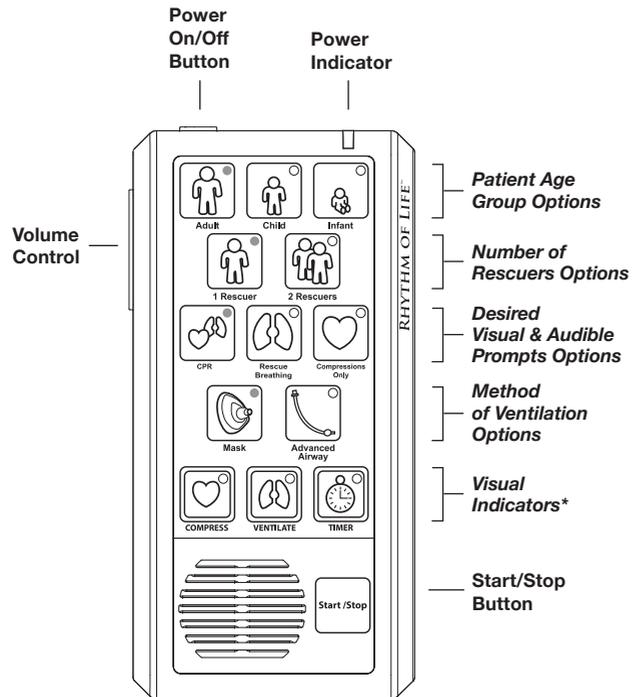
- Read all instructions and familiarize yourself with the Rhythm of Life prior to use.
- Check the CPR timer periodically to ensure the batteries are in working condition. Refer to the Low Battery Indicator section of this guide for additional information.
- Store the Rhythm of Life indoors and away from extreme conditions.
- The device is spill resistant and is designed to withstand normal use and surface cleaning; however do not immerse the Rhythm of Life in water. Refer to the Cleaning and Decontaminating section of this guide for proper cleaning instructions.

PRODUCT/WARRANTY REGISTRATION

The Rhythm of Life is warranted to be free from defects in workmanship or materials under normal use. Please refer to the Warranty Information section of this guide for additional information. Registering helps facilitate warranty service. Please retain your original dated sales receipt for your records.

Product/Warranty Registration may be completed online at www.CPRtimer.com/registration or via telephone by calling (920) 268-0733.

DEVICE OVERVIEW



**Visual Indicators provide visual feedback only and do not function as option buttons*

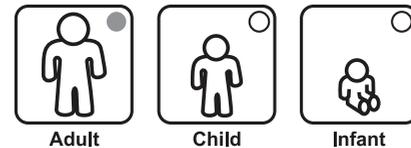
GETTING STARTED

The Rhythm of Life operates using four AAA disposable alkaline batteries. The battery compartment is located on the back of the device. Insert the batteries as directed by the diagram located within the battery compartment.

INSTRUCTIONS FOR USE

1. To begin, press and hold the black Power button located on the top, upper left of the device until the options illuminate.
2. The default settings will automatically load (factory configured for the resuscitation of an adult patient with one rescuer performing CPR via mask ventilation). Modifications to the default settings can be made quickly at the time of use by pressing the desired icon.

Patient Age Group:



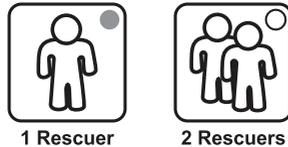
The user may select the age group to which the patient belongs. The Rhythm of Life provides the following patient age group options as defined by the American Heart Association¹.

Adult: Any patient at or above the onset of puberty (approximately eight years of age).

Child: A patient between the age of one and the onset of puberty (approximately eight years of age).

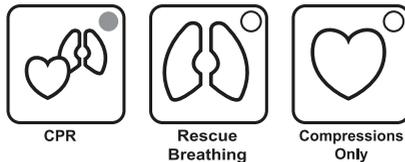
Infant: A patient less than one year of age.

Number of Rescuers:



The user may then select the number of rescuers participating in the resuscitation. This selection combined with the selected age of the patient allows the Rhythm of Life to determine the appropriate resuscitation rates and ratios. *Note: When the 1 Rescuer option is selected the CPR timer will enable Switch Tones as described in the Features section of this guide.*

Desired Prompts:



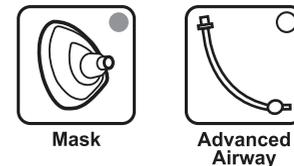
This feature allows the rescuer to select the visual and audible prompts the Rhythm of Life will provide.

CPR: Outputs the appropriate chest compression rate and ventilatory rate/duration as well as activates the two-minute timer.

Rescue Breathing: Outputs only the appropriate ventilatory rate and duration of the ventilation. This option is ideal for situations where the patient has a pulse and requires rescue breathing or when an automatic chest compression device is being used.

Compressions Only: Outputs the appropriate chest compression rate and activates the two-minute timer. This option is ideal for situations where the patient is being ventilated by a mechanical ventilator or when cardiocerebral resuscitation (CCR) is being performed. *Note: When the Compressions Only option is selected the Mask and Advanced Airway options are disabled. Selecting either CPR or Rescue Breathing will re-enable these options.*

Method of Ventilation:



The user may also select whether the patient is being ventilated via pocket mask/bag valve mask or has an advanced airway in place.

Mask: Prompts for ratio-based CPR (IE: 30:2 or 15:2) based on the patient age group selection and the number of rescuers participating in the resuscitation.

Advanced Airway: Prompts for independent chest compressions and ventilations. The selection of Advanced Airway will also reduce the number of ventilations per minute when combined with CPR as recommended by the American Heart Association¹.

3. Press the red Start/Stop button on the lower right of the device to begin playing the desired audible tones and to display the appropriate visual prompts.

- At any time the Start/Stop button can be pressed to temporarily pause the device. If the device is paused for less than ten seconds (for assessment, communication, etc.) the current scenario will resume upon pressing Start/Stop. If the device is paused for greater than ten seconds the scenario will restart.

Visual Indicators:



These icons provide visual feedback to guide the rescuer to compress the patient’s chest, ventilate the patient, and provide interventions after every two minutes of resuscitation.

Compress: Illuminates in conjunction with a distinct audible tone to indicate when to compress the patient’s chest during CPR/CCR.

Ventilate: Illuminates in conjunction with a distinct audible tone to indicate when to ventilate the patient. The period that this indicator is illuminated corresponds with the length of time over which the ventilation is delivered.

Timer: Illuminates in conjunction with a distinct audible tone to indicate that two minutes has elapsed. This prompts for change of chest compressor, patient reassessment, defibrillation, medication administration, and etc. *Note: After the first two-minute cycle the two-minute timer is extended an additional ten seconds to allow for assessment, defibrillation, and other interventions.*

FEATURES

BUILT-IN CPR LOGIC

Integrated into the Rhythm of Life are CPR/CCR algorithms designed in accordance with the American Heart Association Guidelines for CPR¹. The CPR timer provides the appropriate chest compression and ventilatory rates, ventilation duration, and chest compression to ventilation ratios based on the provider’s selections. This built-in logic eliminates confusion and improves adherence to scientifically proven methods that deliver quality care and the best chance for patient survival.

CUSTOMIZABLE DEFAULT SETTINGS

Users have the option of modifying the Rhythm of Life’s default settings to customize the device for their specific needs. For example, if a provider works in a pediatric unit the default settings can be modified so the CPR timer automatically loads the desired options for the resuscitation of an infant patient. To modify a default selection press and hold the desired option for five seconds. The device will beep to confirm the change in setting.

SWITCH TONES

When the Rhythm of Life is configured for one-rescuer CPR the device will play a short “switch” tone at the completion of a chest compression cycle to alert the single rescuer to the upcoming change from chest compressions to ventilations. The CPR timer will also play a “switch” tone after the two ventilations are delivered to indicate the switch back to chest compressions.

QUICK RESET

Should the need arise during a live or simulated resuscitation to start over, press the black Power button twice to perform a quick reset. The provider may then make any necessary modifications to the selections and resume use of the device.

KEYPAD LOCKOUT

The keypad lockout feature prevents accidental modifications to the provider's selections after the CPR timer has been activated by requiring a double press of an option button to change a selection. When the device is not activated options can be changed with a single press.

VOLUME CONTROL

The user has the option of adjusting the Rhythm of Life's volume at any time. This control is located on the left upper side of the device. The Volume Control can either be pressed up or down to change the current volume level or can be held in the desired direction to make a more rapid change.

SILENCE FEATURE

The provider also has the ability to silence all audible prompts and rely on visual prompts for guidance. Silent mode is selected by pressing and holding the Volume Control button down until the device is silent.

LOW BATTERY INDICATOR

The device is equipped with an audible and visual low battery indicator to alert the user of low battery status. To check the Rhythm of Life's batteries turn on the device and verify that the Power Indicator is not blinking and the low battery tone is not emitted. In cases where the device is actively being used and the batteries are determined to be low, the Power Indicator

will continuously blink to alert the user of the low battery status; however the low battery tone is not emitted in order to avoid interfering with the resuscitation. When the battery life becomes critically low the Power Indicator will continuously blink and the device will not power on.

BATTERY SAVING FEATURES

The Rhythm of Life will automatically power off if not active for five minutes. Current settings will be saved for a total of ten minutes of inactivity before the unit reverts to the default settings. An integrated light sensor automatically disables the backlight to conserve battery power when the device is used in well-lit environments.

CLEANING & DECONTAMINATING

The Rhythm of Life is designed to be spill resistant and can easily be disinfected so the device can safely be reused. The device should be cleaned after each resuscitation. To decontaminate the CPR timer wipe with a damp cloth using a mild disinfectant, taking care not to get the unit excessively wet. Some commercial disinfectants may discolor or smear the device surface. Always test any cleaning agent on an inconspicuous area before applying it to the entire unit.

WARRANTY INFORMATION

Rapid Response Solutions offers a limited ninety (90) day warranty from the date of purchase against defects in workmanship or materials under normal use for the Rhythm of Life CPR timer. Normal use generally is intended to mean use according to the packaging insert instructions or use according to instruction on our website. Defective devices within the warranty period will be repaired or replaced at Rapid Response Solution's option with a new or refurbished model upon return of the CPR timer with proof of purchase. The consumer is responsible for all shipping and handling fees. Replacement of the Rhythm of Life CPR timer does not extend the original warranty period. The consumer's sole remedy against Rapid Response Solutions shall be for the replacement of a defective device. Rapid Response Solutions reserves the right to refuse replacement when product failure is due to misuse, abuse, accident, or neglect. This warranty does not include coverage for damage resulting from product use such as abrasions, battery leakage, water damage, or causes not arising from defects in workmanship or materials. Not included in this warranty are batteries, protective holster, or any attachment accessories.

Product/Warranty Registration may be completed online at www.CPRtimer.com/registration or via telephone by calling (920) 268-0733.

REFERENCES

¹ American Heart Association Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC) - <http://www.americanheart.org/cpr>

COMPANY INFORMATION

The mission of Rapid Response Solutions is to provide caregivers with the tools that will assist them in delivering quality care and the best chance for patient survival.

Rapid Response Solutions is a Limited Liability Company (LLC) based in Northeast Wisconsin, USA. If you are unable to find the information you require on our website or have additional questions or comments, feel free to contact us directly.



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