



# Adult/Child setting at the flick of a switch...

- Instant switch from Adult to Paediatric
- Suitable for all schools, clubs and groups
- Automatic switch on when lid opened
- Pads attached, ready for use
- Pads fit both Adults and Paediatrics

**MEDIANA**  
**HEARTON**  
**AED A15**

Mediana Automated  
External Defibrillator A15



# MEDIANA HEARTON AED A15

EASY TO USE



## 1. OPEN THE COVER.

Mediana switches on automatically when the lid is opened.



## 2. ATTACH THE PADS.

Pads are fixed and ready for Adult or Paediatric use.



## 3. PUSH THE SHOCK BUTTON.

Set the mode to adult or paediatric, then wait for the shock button to flash 'ready' for shock delivery.

**1 COVER** Protected icon sheet, shock button, Adult/Paediatric mode switch.



## 2 CONNECTING SOCKET

Defibrillator pads connector socket. The pads are always ready to use.

**3 SPEAKER** Acoustic indicator for real time guidance.

**4 VISUAL ICONS** LED indicator lights flash with the corresponding voice prompts. Visual icons clarify the necessary actions.

**5 ADULT/PAEDIATRIC MODE SWITCH** Easily switch from adult to paediatric mode without changing the pads.

**6 IR PORT** IR Communication Port between PC and AED.



**7 BATTERY** Disposable LiMnO2 Non-Rechargeable. 2yrs shelf life, 5yrs standby life.



**8 PADS** Two-in-One Electrode (Adult/Paediatric).

**9 STATUS INDICATOR** Unit status, battery level status, and temperature range status.

**10 SHOCK BUTTON** Flashing button indicates 'Ready for shock delivery.' Push the button to deliver shock.

**11 OPEN SWITCH** Slide the switch to the right to open the cover. Unit automatically turns on.

**12 SD CARD INSERT** Review stored data and upgrade software.

# 12 reasons to choose Mediana...



# MEDIANA HEARTON AED A15

- Instant switch from Adult to Paediatric
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- Pads attached, ready for use
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Our **FREE** E-learning course at:  
[www.medianadefib.co.uk/e-learning](http://www.medianadefib.co.uk/e-learning)

You do not need training to use the Mediana AED, as it is designed for untrained persons. It talks you through step-by-step directions, so there is no risk of shocking a casualty in error.

Training however, can save vital seconds and dispel any confusion if you encounter a Cardiac Emergency. This course has been designed for people with little knowledge of First Aid, providing information in four bite-size sections that are easy to remember.

You will be guided through four units;

**Unit 1:** Encountering a Casualty having a Cardiac Arrest

**Unit 2:** Airway, Breathing, Circulation

**Unit 3:** Using the Mediana AED A15

**Unit 4:** After the defibrillation of the Casualty.

All information included in this E-Learning Resource has been based on the guidelines of:

**The European Resus Council**

**The UK Resus Council**



# MEDIANA HEARTON AED A15

- For every one minute delay, a victim's chance of surviving a sudden cardiac arrest drops by 7-10%.
- Almost 95% of sudden cardiac arrest victims die before reaching hospital.
- CPR effectively administered immediately after sudden cardiac arrest, can double the chance of survival for a victim.
- Seven out of ten cardiac arrests occur outside of hospital. Currently in the UK, only 2-3% of these people survive.
- The Department of Health has a target of placing 3,000 new defibrillators in public places in England.
- Explorer, Sir Ranulph Fiennes, is alive today largely thanks to a defibrillator located at Bristol airport.
- Early defibrillation can triple a victim's chance of survival.



## SPECIFICATIONS

### DEFIBRILLATION ELECTRIC SHOCK

Waveform:	Biphasic Truncated Exponential (BTE) waveform (Impedance compensation)
Energy:	Adult: 185 to 200J (±5%) Paediatric: 50J (±5%)
Operating Mode:	Semi-Auto
Analysis/Charge Time:	10 seconds or less
Shock Time:	Delivers 200 shocks with full battery

### ECG

Lead:	II (RA, LL)
Patient Impedance:	25 to 200 ohm
Heart Rate:	20 to 300 per min
Accuracy:	1 per min
Detection V/F	more than 200µV
V/T	more than 160 per min
Lead off detection:	Detached and voiced
Filter:	0.5 to 30Hz

### INDICATION

#### CONTROLS

Standard:	Open (power) switch, shock button, Adult/Paediatric mode switch
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#### INDICATORS

Visible:	ICON Indicator, Status LCD (unit status, battery status, temperature status), LED (Adult/Paediatric mode switch LED)
Audible:	Speaker (voice prompt), Beep (CPR indication)

#### PHYSICAL

Dimensions:	294H x 240W x 95mmD
Weight:	Approx. 2.65kg (including battery, excluding pads)

#### SELF TEST

Cycle:	Every 24 hours, 1 week, 1 month Power on self test, battery insertion self test
Test Result:	Status LCD displays 'O' / 'X'

#### DATA BACKUP AND COMMUNICATION

Standard SD card, IR communication port

#### ACCESSORY SPECIFICATIONS

##### ADULT/PAEDIATRIC PADS

Standby Life:	2 years from date of manufacture
Electrodes:	Disposable pads
Pad Life:	30 Months
Placement:	Adult: Anterior-lateral Paediatric: Anterior-posterior

Minimum active gel area: 80cm<sup>2</sup> +/-5%

Cable Length: Approx. 1.8m

##### BATTERY

Type:	LiMnO <sub>2</sub> , disposable, long-life primary cell
Voltage/Capacity:	15V, 4200 mAh
Standby Life:	5 years from date of manufacture (inserted in the AED)
Discharge:	A minimum of 200 shocks (except the CPR period between the defibrillation therapy) or 10 hours of operating time at 20°C

#### ENVIRONMENTAL CONDITIONS

Temperature:	Operation: 0 to 43°C (32 to 109.4°F) Storage: 0 to 43°C (32 to 109.4°F)
Relative Humidity:	5 to 95% RH (non-condensing)
Altitude:	0 to 4,575m
Shock:	Acceleration: 100G (+/-10%)
Vibration:	Frequency: 10Hz to 2000Hz Acceleration: 10Hz to 100Hz: 5.0 (m/s <sup>2</sup> ) <sup>2</sup> /Hz 100Hz to 200Hz: -7 dB per octave 100Hz to 2000Hz: 1.0 (m/s <sup>2</sup> ) <sup>2</sup> /Hz

Drop Height: 1m

Water and Dust Resistance: IP54 (Class 2)

Information correct at time of going to press. Subject to change without notice.

# MEDIANA HEARTON AED A15



## Mediana A15 Bundle

Includes Defibrillator, SD Card, AED Prep Kit

Semi-Automatic.  
Switch from Adult to Paediatric.  
Suitable for schools, teams and clubs.  
Automatic switch-on when lid is opened.  
Pads attached, ready to use.  
Pads fit both Adults and Paediatrics.

INCLUDES:  
Mediana A15 Defibrillator  
SD Card  
AED Prep Kit

REF	PRODUCT	DESCRIPTION	UNIT	PACK
2878	Mediana A15 Bundle	includes Defibrillator, SD Card, AED Prep Kit	1	1



## Mediana A15

HeartOn AED Semi-Automatic

Semi-Automatic.  
Switch from Adult to Paediatric.  
Suitable for schools, teams and clubs.  
Automatic switch-on when lid is opened.  
Pads attached, ready to use.  
Pads fit both Adults and Paediatrics.

REF	PRODUCT	DESCRIPTION	UNIT	PACK
2870	Mediana A15 HeartOn AED	Semi-Automatic	1	1



## AED Prep Kit

Contains the basic items typically required for an AED Emergency.

CONTENTS  
1 Cleansing Wipe  
1 Clinical Waste Bag  
1 Disposable Razor  
1 Gloves (Pair)  
2 Hand Towels  
1 Resuscitation Device  
1 Shears

REF	PRODUCT	DESCRIPTION	UNIT	PACK
2877	AED Prep Kit		1	1

## Mediana A15 SD Card

Essential for reviewing stored data.



REF	PRODUCT	DESCRIPTION	UNIT	PACK
2873	Mediana SD Card		1	1

## Mediana Pads

Replacement pads, pair.  
Pads fit both adults and paediatrics.



REF	PRODUCT	DESCRIPTION	UNIT	PACK
2871	Mediana Pads	Adult/Paediatric	1	1

## AED Metal Wall Cabinet

with Glass Door and Alarm

Toughened durable glass door.  
Compatible with most AED models.  
Alarm sounds when opened.  
Lockable, keys included  
Safe and visible.  
Quick release push-button.  
Fixed shelf for added storage.  
Wall mountable.

AED not included.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
3098	AED Metal Wall Cabinet	with Alarm	46cmH x 30cmW x 14.5cmD	1	1



## Outdoor Heated Wall Cabinet

with Alarm

Carbon steel cabinet.  
Multiple Security Options.  
User regulated temperature settings.  
Waterproof Seal.  
Integrated alarm with control.  
AED instruction signage to guide users.  
Safe and visible.  
Wall mountable.

AED not included.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
2105	Outdoor Heated Wall Cabinet	with Alarm	50cmH x 40cmW x 22cmD	1	1



## Beat CPR

Resuscitation Aid

Compact.  
Audible tone guides CPR compression speed.  
Pre-programmed to 110 beats per minute, adjustable. Display visible in all light conditions.  
Long-life renewable battery included.



REF	PRODUCT	DESCRIPTION	UNIT	PACK
2860	Beat CPR Resuscitation Aid		1	1

## Mediana A10/A15 Soft Bag

Durable soft shell carry case.  
Store and protect defibrillator.  
Easy mobility.



REF	PRODUCT	UNIT	PACK
2875	Mediana A10/A15 Soft Bag	1	1

## Mediana A15 Battery Pack

Disposable.  
LiMnO2 Non-Rechargeable.  
Two years shelf life.  
Five years standby life.



REF	PRODUCT	DESCRIPTION	UNIT	PACK
2872	Mediana A15 Battery Pack		1	1

## Universal AED Bracket

Universal AED bracket.  
Sturdy metal bracket is ideal for mounting any AED on a wall.

12.3cmH x 19cmW x 9.5cmD



REF	PRODUCT	DESCRIPTION	UNIT	PACK
2879	Universal AED Bracket		1	1



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Mediana HeartOn Defibrillators are supplied  
by Reliance Medical Limited.

