

MEDIANA HEARTON AED A15

Access a **FREE** E-learning course for the A15 at:

www.medianadefib.co.uk/e-learning

You do not need training to use the Mediana AED, as it is designed for untrained personnel. 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.



Don't miss!

www.medianadefib.co.uk

t. +44 (0) 08456 448808
e. sales@reliancemedical.co.uk
w. www.reliancemedical.co.uk

Mediana HeartOn Defibrillators are supplied by Reliance Medical Limited.



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: 80cm² +/-5%

Cable Length: Approx. 1.8m

BATTERY

Type:	LiMnO ₂ , 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 ²) ² /Hz 100Hz to 200Hz: -7 dB per octave 100Hz to 2000Hz: 1,0 (m/s ²) ² /Hz
Drop Height:	1m
Water and Dust Resistance:	IP54 (Class 2)

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



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

REV-4.6.19

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 software upgrade.

12 reasons to choose Mediana...