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**

**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. **CONNECTING SOCKET**
   Defibrillator pads connector socket. The pads are always ready to use.

2. **SPEAKER**
   Acoustic indicator for real-time guidance.

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

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

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

6. **SHOCK BUTTON**
   Flashing button indicates ‘Ready for shock delivery.’ Push the button to deliver shock.

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

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

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

10. **PADS**
    Two-in-One Electrode (Adult/Paediatric).
Our FREE E-learning course at: 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, defibrillated shape (A13)
- Waveform Impedance compensated
- Energy:
  - Adult: 150 J in 200 J (2/3)
  - Paediatric: 50 J (4/3)

**Operating Mode:** Semi-Auto

**Arrest/Defibrill Time:** 10 seconds grace

**Shock Time:** Delivers 200 shocks with full battery

**ECG**

- Lead: II, III, aVF
- Patient Impedance: 25 to 170 Ohms
- Heart Rate: 20 to 300 ppm
- Accuracy: 1 ppm
- Detection V/F: more than 200 V
- VTI: more than 100 mm
- Lead self-detection: Detached and validated
- Filter: 0.5 to 30 Hz

**INDICATIONS**

**CONTROLS**

- Open (passive), switch, check button, AED/Pediatric mode switch

**INDICATORS**

- ECG Indicator: Status (32), lead status, battery status, temperature status
- 130 (Adult/Pediatric mode switch)

**Audible**

- Speaker (speak priority), beep (CPR indicator)

**PHYSICAL**

- Dimensions: 39 x 12 x 23 cm
- Weight: Approximately 1.5 kg (including battery, excluding pack)

**SELF TEST**

- Cycle: Every 24 hours, 1 week, 1 month
- Power on self-test, battery insert self-test
- Test Result: Status (CPR displays 50% 7"

**DATA BACKUP AND COMMUNICATION**

- Standard SD card, 8 communication ports

**ACCESSORY SPECIFICATIONS**

**ADULT/PEDiatric PADS**

- Pad area: 2 pads from date of manufacture
- Electrodes: Disposable pads
- Placement: Adult Amispecs, Paediatric Amispecs
- Minimum active gel area: 90% - 95%
- Cable Length: approx. 1.8m

**Environmental Conditions**

- Temperature: Operating: 0 to 45°C (32 to 113°F), Storage: 0 to 45°C (32 to 113°F)
- Humidity: 10% to 85% non-condensing
- Altitude: 9.6 to 4572 m
- Shake: Acceleration: 9.8M (0-19999)
- Vibration: 10-100 Hz, Acceleration 9.8M (0-100 Hz), 0.5 m/s² (0-50 Hz), 0.75 m/s² (0-50 Hz)
- Storage: 20-300 Hz, 0.02 m/s² (0-300 Hz)
- Drop height: 1 m
- Water and Dust Resistance: IP5 (Class 2)

**BATTERY**

- Type: LongLife (rechargeable, long life primary cell)
- Voltage/Capacity: 11.5V 4200 mAh
- Standby Life: 5 years from date of manufacture
- Discharge: Minimum 200 shocks (when the CPR period between the defibrillation therapy is 4-6 hours of operating time at 20°C)

Information correct at time of going to press, subject to change without notice.
Mediana A15 Bundle
Includes Defibrillator, SD Card, AED Prep Kit

- Semi-Automatic
- Switch from Adult to Pediatric
- Suitable for schools, gyms, and clubs
- Automatic switch on when kit is opened
- Pads attached, fully reusable
- Pads fit both adults and pediatrics

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Mediana A15
HeartStart AED Semi-Automatic

- Semi-Automatic
- Switch from Adult to Pediatric
- Suitable for schools, gyms, and clubs
- Automatic switch on when kit is opened
- Pads attached, fully reusable
- Pads fit both adults and pediatrics
- Includes Mediana A15 SD Card

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AED Prep Kit
Contains the basic items typically required for an AED Emergency

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Mediana A15 SD Card
Essential for reviewing stored data.

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Mediana Pads
Replacement pads pack
- Pads fit both adults and pediatrics

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Mediana A15 Battery Pack
Unbreakable Li-ion/LED non-rechargeable.
- Five years stand-by
- Five years stability life

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Universal AED Bracket
Sturdy metal bracket is ideal for mounting any AED on a wall.
- Includes 1.5m (5ft) cable

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AED Metal Wall Cabinet
with Glass Door and Alarm
- Toughened double glass door
- Compliant with most AED models
- Alarm sounds when opened
- Lockable keys included
- Male and female
- Quick-release power-harness
- Cable reel for added range

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Outdoor Heated Wall Cabinet
with Alarm
- Carbon fibre cabinet
- Multiple security options
- User-selectable temperature settings
- Waterproof seal
- Integrated alarm with central AED institution signage to guide users
- Safe and sturdy
- Wall-mountable
- AED not included

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Beat CPR
Resuscitation Aid
- Compact
- Audible tone guides CPR compression speed
- Pre-programmed for 710 compressions per minute
- Adjustable display volume in all light conditions
- Long-life, rechargeable battery included

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Mediana A10/A15 Soft Bag
Double soft shell carry case
- Stands and protects defibrillator
- Easy mobility