



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
- Suitable for all schools, clubs and groups
- Automatic switch-on when lid is opened
- Pads attached, ready for use
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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

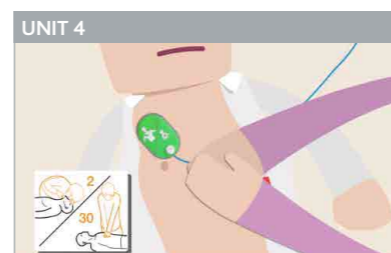
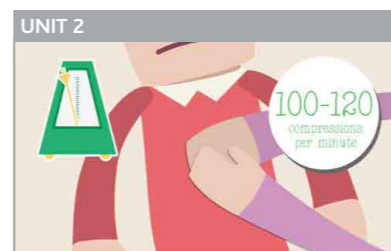
Unit 3: Using the Mediana AED A15

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 victims chance of survival.



SPECIFICATIONS

DEFIBRILLATION ELECTRIC SHOCK

| | |
|-----------------|--|
| Waveform: | Biphasic Truncated Exponential (BTE) waveform (Impedance compensation) |
| Energy: | Adult: 185 to 200J (±5%) Paediatric: 45 to 50J (±5%) |
| Operating Mode: | Semi-Auto |
| Charge Time: | Less than 12 seconds |
| Analysis Time: | 8-13 seconds |
| Shock Time: | Delivers 200 shocks with full battery |

ECG

| | |
|---------------------|-----------------------|
| Lead: | II (RA, LL) |
| Patient Impedance: | 25 to 175ohm |
| 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 |
|-----------|---|

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 |
| Placement: | Adult: Anterior-lateral Paediatric: Anterior-posterior |

Minimum active gel area: 80cm² +/-5%

Cable Length: Approx. 1.8m

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: 10)G (+/-10%) |
| Vibration: | Frequency: 10Hz to 2000Hz Acceleration: 10Hz to 100Hz: 5.0 (m/s ²)/Hz 100Hz to 200Hz: -7 dB per octave 100Hz to 2000Hz: 1.0 (m/s ²)/Hz |

Drop Height: 1m

Water and Dust Resistance: IP54 (IEC60529)

BATTERY

| | |
|-------------------|--|
| Type: | LiMnO ₂ , disposable, long-life primary cell |
| Voltage/Capacity: | 15V, 4200 mAh |
| Shelf Life: | 2 years from date of manufacture (in the original packaging) |
| 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 |

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 |

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 HEARTON AED A15



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.
Contents not included. Images for illustrative purposes only.

| REF | PRODUCT | DESCRIPTION | SIZE | UNIT | PACK |
|------|------------------------|-------------|-----------------------|------|------|
| 3098 | AED Metal Wall Cabinet | with Alarm | 46cmH x 30cmW x 12cmD | 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 |



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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