Mediana’s HeartOn AED helps to save people’s lives in cases of Sudden Cardiac Arrest.

1. Cover
   Protected Icon Sheet, Shock Button, Adult/Child Mode Switch

2. Status Indicator
   Unit status and battery capacity

3. Connecting Socket
   Defibrillator pads connector socket. The pads are always ready for use.

4. Visual Icons
   Indicator LED lights flash with the corresponding voice prompts. Visual Icons clarify the necessary actions.

5. Shock Button
   Flashing button indicates “Ready for shock delivery” Push the button to deliver shock.

6. Adult/Child Mode Switch
   Easily switch from adult to child mode without changing pads.

7. Open Button
   Slide the button to the right to open up the cover. Unit automatically turns on.

8. Speaker
   Acoustic indicator for real time guidance.

9. IrDA Port
   IR communication Port between PC & AED

10. SD Card Port
    Review stored data & software upgrade

11. Battery
    Disposable LiMnO2 Non-Rechargeable

12. Pad
    Two-In-One Electrode (Adult / Child)
Features

- Semi-automatic operation (Adult/Pediatric)
- Adult/Pediatric Mode Switch
- Quick Start Power the A15 by using the Open Lid Button
- 2010 AHA guidelines
- Battery Capacity 4.2Ah/15V (200 shocks or 10 hr monitoring)
- Voice prompt, Action Icon (LED) Indicator, Status LCD
- Status indicator: self test (fail/pass), battery level, Temp, condition
- Self-test (POST, Periodic test-daily, weekly, monthly, BIST)
- SD card, IrDA support
- Event review PC software (Option)

Fast & Easy Operation

1. Open the Cover
2. Attach the Pads
3. Push the Shock Button

Network Solution

AED Event Review Software / Wi-Fi / CDMA
### Defibrillation Electric Shock

- **Waveform**: Biphasic Truncated Exponential (BTE) waveform (impedance compensation)
- **Energy**:
  - Adult: 185 to 200J (±5%)
  - Pediatric: 45 to 50J (±5%)
- **Operating mode**: Semi-Auto

### ECG

- **Lead**: II (RA, LL)
- **Patient impedance**: 25 to 175 ohm
- **Heart Rate**: 20 to 300 per min
- **Accuracy**: 1 per min
- **Detection V/F**: more than 200 μV
- **V/F**: more than 160 per min
- **Lead connection**: Confirms the connection and emit voice prompt
- **Filter**: 0.5 to 30 Hz

### Indication

- **Controls**: Slide button, Shock button, Patient mode switch
- **Indicators**: ICON Indicator, Status (LED flash rate), Battery status, Temperature status, Patient mode switch (LED)
- **Audible**: Audio speaker (Voice prompt), Beep (CPR indication)

### Physical

- **Dimensions**: 240 x 294 x 95 (mm) (WxHxD)
- **Weight**: Approx. 2.65 kg including the 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, Infrared communication port**

### Accessories Specifications

- **Pads**
  - Adult / Pediatric Pads
  - Standby life: 2 years from manufacture date
  - Electrodes: Disposable pads
  - Placement: Adult: Anterior-lateral
  - Pediatric: Anterior-posterior
  - Minimum active gel area: 80 cm2 ±5%
  - Cable length: About 1.8 m
  - Environmental Conditions:
    - Temperature: Operations: 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)

### Battery

- **Type**: LiMnO2, Disposable, Long Life Primary Cell
- **Voltage/Capacity**: 15V, 4200 mAh
- **Shelf Life (in the original packaging)**: 2 years from manufacture date
- **Standby Life (inserted in the AED)**: 5 years from manufacture date
- **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: Operations: 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)