

Anytime, anywhere, anyone.

# Emergency heart disease, such as cardiac arrest, can occur anytime, anywhere and, to anyone.

### **FEATURES**

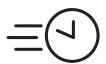


PACE-PULSE DETECTION AND REJECTION FUNCTION. The A16 filters external pulse, like a pace-maker, and removes from the ECG reading.



#### **OPERATION**

**Fully-automatic** - no need to press the shock button. **Semi-automatic** - flashing button indicates 'ready for shock delivery' users press the button to deliver shock.



**FAST SHOCK DELIVERY**Shock delivery within 10 seconds.



#### VOICE RECORDING

Enables a check to see what kind of on-site checks were done. When the device turns on the A16 records automatically.



#### MULTILINGUAL

English, Welsh and Polish - the three most spoken languages in the UK



#### PADS QUALITY CHECK

Checks connectivity, expiry date or whether they have already been used and damaged.

- Analysis to unit charged and ready in 10 seconds or less
- · Lightweight (weighs less than 2kg)
- · Super-fast shock delivery time
- 3 language selection English, Welsh, and Polish
- Rated to IP55
- · Instant switch between adult and child mode
- Battery Capacity 3000mAh/15V (200 shocks or 6hr monitoring)

- Voice prompt, Action Icon (LED) Indicator, Status LCD
- Status indicator showing the battery level, self-test (pass or fail), temperature, condition and pads
- Self-test: POST (Power on Self-Test), Periodic Test (Daily, Weekly, Monthly), Pad Quality Check, BIST (Battery Insertion Self-Test)
- SD card, IR communication support
- · Optional event review computer software
- · Meets 2015 AHA / ERC guidelines

## **EASY TO USE**



- Open the cover.
- · Turn on the unit



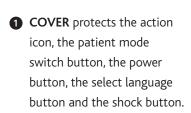
- Select language.
  - Select adult or child.
  - Attach pads.



- Unit will analyse and charge.
  - Semi-automatic press the flashing shock button.
  - Fully-automatic shock is delivered without the need to press the button.
  - Start CPR

#### **OPTIONAL EVENT REVIEW SOFTWARE**

The event data is stored on the SD card. When the AED doesn't have an SD card in it, or is unreadable, corrupted or damaged, the event data will be stored in the internal memory.



2 LANGUAGE BUTTON user can select the desired language among three different languages by pushing the select language button. English/Welsh/Polish.

- 3 PAD CONNECTOR links the pads.
- **PATIENT MODE SWITCH BUTTON** between adult and pediatric patient by pushing the patient mode switch button.
- **5 INDICATOR LIGHT** Flashes red near the relevant action icon.
- **6 INFRARED COMMUNICATION PORT** used to communicate with the PC.
- SHOCK BUTTON (SEMI-AUTO ONLY)
  When preparation for electric shock is completed, the shock button will flash.
  Push the Shock button and then the AED will deliver the shock.
- STATUS INDICATOR displays the AED, temperature, battery and the PADS status.
- **9 POWER BUTTON** used to ON/OFF the power.
- **(i) BATTERY** user can remove or reset the battery.
- **SD CARD PORT** used to save the data and update the AED software.
- PADS Two-in-one electrode (Adult / Paediatric). Optional pads memory/quality version.









# **AED SPECIFICATIONS**

DEFIBRILLATION ELECTRIC SHOCK

Ingress Protection:

SELF TEST Cycle:

Test Result:

Standard

waveloiii.	Diphasic francated Exponential (BTE) waveloini
	(Impedance compensation)
Energy:	Adult: 170 to 195J (±5%)
	Paediatric: 44 to 51J (±5%)
Operating Mode:	Semi-Auto, Fully-Auto
ECG	
Lead:	II (RA, LL)
Patient Impedance:	25 to 200 ohm
Detection V/F	greater than or equal to 0.2mV
V/T	Adult: greater than or equal to 150 bpm
INDICATION	
CONTROLS	
Standard:	Power button, shock button, patient mode switch
	button, select language button.
INDICATORS	
Visible:	Action icon, Status LCD (AED, battery, temperature and
	pads status).
Audible:	Audio speaker (voice prompt, CPR indication).
	Beep (CPR indication, power on, critically low battery,
	self-test fail, alarm of abnormal operation).
PHYSICAL	
Dimensions:	286.5H x 200W x 90mmD
Weight:	Approx. 1.95kg

(including battery, excluding pads).

Every 24 hours, 1 week, 1 month.

Status LCD displays 'O' / 'X'.

Internal memory, SD card slot, IR communication port.

Power on self test, battery insertion self test.

IP55

DATA BACKUP AND COMMUNICATION

Biphasic Truncated Exponential (BTE) waveform

# **ACCESSORY SPECIFICATIONS**

ADULT/PAEDIATRIC	
Shelf Life:	36 months from manufacture date (16B)
	30 months from manufacture date (16Q/16CQ)
Electrodes:	Disposable pads
Placement:	Adult: Anterior-lateral
	Paediatric: Anterior-posterior
Minimum active gel	area: 80cm2 +/-5%
Cable Length:	Approx. 1.8m
ENVIRONMENTAL C	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)
BATTERY	
Туре:	LiMnO2, disposable, long-life primary cell
Voltage/Capacity:	15V, 3000 mAh
Shelf Life:	2 years from date of manufacture
	(in 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 more than 6 hours
	of operating time at 20°C
ENVIRONMENTAL C	CONDITIONS
Temperature:	Operation: 0 to 43°C (32 to 109.4°F)
	Storage: 10 to 25°C (50 to 77°F)
Relative Humidity:	5 to 95% RH (non-condensing)



#### **MEDIANA AED A16**



Mediana A16 HeartOn AED Semi-automatic 2900 English/Polish/Welsh

CONTENTS

Mediana Semi-automatic HeartOn AED A16

Operators Manual

Battery Pack

Set Adult/Paediatric Pads

20cmH x 28.7cmW x 9cmD

SIZE: UNIT: MOQ:

Mediana A16 HeartOn AED Fully-automatic

English/Polish/Welsh

CONTENTS

Mediana Fully-automatic HeartOn AED A16

Operators Manual

Battery Pack

SD Card

Set Adult/Paediatric Pads 20cmH x 28.7cmW x 9cmD

SIZE UNIT:

MOQ:



2902 Mediana A16 HeartOn AED Adult / Paediatric Pads 16B

Adult/Paediatric

SIZE: UNIT:

MOQ:



Mediana A16 HeartOn AED Adult / Paediatric Pads 16Q 2903

Pads memory / Pads Quality

SIZE: Adult/Paediatric LINIT

MOQ:



2905 Mediana A16 HeartOn AED Battery Pack

SIZE: A16 UNIT: MOQ:



Mediana A16 HeartOn AED SD Card 2906

SIZE: A16 UNIT: MOQ:



2907 Mediana A16 HeartOn AED Soft Bag

SIZE: Fits A16 and T16 LINIT

MOQ:



9220 Spectra A16 AED First Aid System

SIZE: 75cmHcm x 34.7cmW x 10.5cmD LINIT:

MOQ:

#### **MEDIANA T16 AED TRAINER**



2910 Mediana T16 HeartOn AED Trainer

CONTENTS

Mediana HeartOn AED Trainer T16

Operators Manual Remote Control

SIZE: 20cmH x 28.7cmW x 9cmD

UNIT: MOQ;



2911 Mediana T16 HeartOn AED Trainer Pads

SIZE: UNIT: MOQ;

#### **AED CONSUMABLES**



AED Prep Kit in Large Black/Red Compact Aura

20.5cmH x 20cmW x 6.5cmD SIZE-

MOQ:

2780



2877 AED Prep Kit

in Black Soft Pouch

15.6cmH x 10.8cmW x 5.4cmD

UNIT:

SIZE: MOQ:



AED Alarmed Metal Storage Cabinet 2102

White/Glass/Alarmed

SIZE: Internal: 43.4cmH x 43.4cmW x 21.7cmD External: 44.4cmH x 44.4cmW x 22.7cmD

UNIT:

MOQ:



2105 AED Alarmed, Outdoor, Heated, Metal Cabinet

Yellow/Alarmed/Heated

Internal: 50cmH x 40cmW x 22cmD External: 37cmH x 38cmW x 17cmD SIZE:

UNIT: MOQ:



2879 Universal AED Bracket Green

SIZE: 12.3cmH x 19cmW x 9.5cmD

MOQ:





# www.medianadefib.co.uk

t. +44 (0) 08456 448808

e. sales@reliancemedical.co.uk

w. www.reliancemedical.co.uk



Mediana HeartOn Defibrillators are distributed by Reliance Medical Limted.



