

*All information in this guide was correct at time of writing. However, technology and standards do change over time, and therefore please check with CHT for the latest specifications and information. This guide does not form part of any contract, or similar”.



SPECIFICATIONS

TIER 1 DEFIBRILLATORS

ZOLL AED 3



- Technology to help lay rescuers perform high-quality CPR
- Pad sensor helps guide rate and depth of compressions
- Among the fastest AEDs to deliver a shock
- Clear, colourful images and audio prompts to guide persons through a rescue
- CPR Uni-padz™ Also contains the rescue kit (Gloves, Scissors etc)
- CPR Uni padz™ can defibrillate both Children and Adults at the push of a button



- Rescue Ready self check regime
- Fully automatic shock delivery
- Fast shock times
- Variable escalating energy
- real-time CPR feedback
- Clear audio prompts (Other languages available)



- Full-colour video and audio instructions to guide lay person rescuer
- Light weight and easy to carry
- Fast shock times
- Status screen gives visual feedback and maintenance help

OTHER DEVICES ARE ALSO AVAILABLE

SPECIFICATIONS

CABINETS



SENTRY™

- All weather Shockbox Sentry AED Cabinet designed in conjunction with North West Ambulance Service
- IP65 rated against water and dust ingress
- Double skinned insulation
- Pulse heater - Low cost to run
- Constructed from 2.5mm Stainless Steel
- Class 3 Electrical Device (Low Voltage 15V)
- GPS tracker and Emergency Phone modular plugins
- Locked or Unlocked (Marine Grade Stainless Steel Lock)
- Welsh, Gaelic and language variants available



ROTAID™ AED CABINETS

- Lightweight durable interior/exterior Cabinets
- Internal heater mat
- Unlocked - Tag system to indicate when cabinet opened
- Viewing window for AED checks
- Backboards available in Welsh, Gaelic and other languages
- Class 2 Electrical device (Low Voltage)
- Lock available

24 SET TO RESCUE. SHOCKBOX ROTAID™

- **UK's first SMART Cabinet** - remotely monitors different models of defibrillator
- SMS Text and E-mail notifications to designated parties on defibrillator status, cabinet status, presence of defibrillator and more
- Lightweight and durable
- Class 2 Electrical device (Low Voltage)
- Includes all other features of the Rotaid cabinet above



OTHER CABINETS ARE ALSO AVAILABLE

SPECIFICATIONS

EMERGENCY PHONES



- Operates using special Sim Card
- Suitable for all weather applications
- The antenna can be enhanced
- Connects to all networks and seeks out best signal available 2G/3G Network enabled
- Direct power connection available from Sentry Cabinet



LANDLINE E-1600-45-A

- Landline Phone for internal sites or phoneboxes
- Automatic Noise Canceling (ANC) feature for clear audio in noisy environments
- Dimensions: 5.25" x 4.0" x 2.0" (133mm x 102mm x 51mm)
- Fits standard BT plug

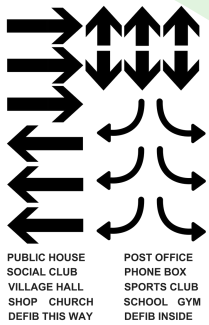
LANDLINE E-1600-45A-EWP

- Landline Phone for external sites
- Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating
- Automatic Noise Canceling (ANC) feature for clear audio in noisy environments
- Dimensions: 5.25" x 4.0" x 2.0" (133mm x 102mm x 51mm)
- Fits standard BT plug





SIGNAGE



EXTERNAL / INTERNAL

- 3D Triangle Wall Sign
- Flat Wall Sign (A4)
- Directional Sticker Sheet
- Bi-lingual versions available on request

TELEPHONE BOX

- Telephone box signage for the top of a kiosk, both KX100 (modern) and K6 (red) variants
 - Window Decals
 - Battenburg sheets for large panel modern kiosks
 - Bi-lingual variations available on request
- Bespoke signs on request



Defibrillator

cPAD sites are supplied with 1 Triangle sign, 3 flat signs and a directional sticker sheet if external. A telephone box site is supplied with 3 telephone box signs for their kiosk type, 2 flat signs, and a directional sticker sheet. Additional signage can be arranged on request.

CHT use and comply with The Health and Safety (Safety Signs and Signals) Regulations of 1996 - The regulations enacted in UK law an EU directive designed to harmonise signs across the EU in accordance with ILCOR (International Liaison Committee on Resuscitation). The ILCOR sign is the recognised international symbol for a defibrillator.

The use of the ILCOR signage was re-enforced by the European Resuscitation Council in November 2019, to avoid confusion of signage for defibrillators. For this reason, we do not use the recently proposed sign by BHF and also because a defibrillator does not **restart a heart**, it **stops it** and is therefore not compliant in that it causes confusion about what the defibrillator actually does.



HOW DO WE ASSESS

EQUIPMENT

Defibrillators are reviewed independently from the manufacturers, and assessments done against 50+ criteria that in our opinion are important to communities. These include:

Adult Shock (<150, 150, >150); Fixed or variable; non-Side specific electrodes; electrode regular checks; Rescue ready indicator; Metronome facility; Visual display screen, and many others.

They also include usability tests such as: Ease of upgrade in the field; designed for untrained-users; ease of use - general CPR guide visual (LED or TV); Rescue data display; Ease of use by children; Ease of use by non-English speakers, or people with disabilities, and more.

Each of these criteria is set a score and the device marked against this score, based upon the manufacturer's specification sheets. Those scoring more than 40 are grouped as being very suitable for community use, those scoring less than 20, are probably not the best devices for community/untrained users. Those between are best suited to trained users.

A similar classification is used for the cabinets. Those passing the tests are given the 'ShockBox' marque as a signal of quality, safety and suitability for community use. Put simply they are quality, ISO rated and have to meet international quality standards.

- They have been tested by CHT to be declared fit for purpose.
- Paint is UV stabilised, and will not degrade in sunlight.
- Door seals are ISO rated and have not been painted over, or otherwise compromised.
- They have low levels of condensation.
- They are electrically safe, meeting relevant BSi regulations and guidance
- If heated, the heater is appropriate for the task and will not cause overheating, thermal yo-yo'ing, dangerous 'hot spots' and other items that may cause damage to the equipment, or overheat the external wall of the cabinet.
- They do not discriminate against sectors of the public and are compliant to relevant Disability or Discrimination legislation
- They are certified as being IP56 or ideally IP65 in their end-user state. i.e they are water, dust and insect resistant in the condition they will be used (not in the factory).
- They come complete and ready to use and do not have to be self-assembled. Self-assembly means that the functionality, structure, anti-rust, and IP rating cannot be guaranteed.
- Where locked, the locks are of a high standard made from stainless steel – we avoid electronic and aluminium locks, or those designed for indoor use, due to the potential to malfunction.
- They carry instructions in ICON format and have features that allow panicking, dyslexic, or non-English speakers to open.
- They carry the international ILCOR AED symbology
- They are either highly visible Traffic Yellow, meeting highways regulations, or otherwise easily identifiable in low light conditions.
- They come with multi-year warranties against failure.
- They are backed by a support service from the manufacturer. Cabinets do fail, and as these contain medical devices, need urgent attention to rectify.
- They are designed for purpose, not just adapted from other uses, with the word "Defibrillator" printed on.

We are highly supportive of defibrillators that provide visuals, for information on studies supporting please contact us.