

# Philips HeartStart FRx Defibrillator

## Product Information

## Philips HeartStart FRx



The Philips HeartStart FRx Defibrillator was designed to be safe (it will only deliver a shock if it determines the patient requires one), reliable and very easy to use. It is light and small, about the size of a hardback book. Designed for environments and conditions too demanding for many other defibrillators including law enforcement, outdoor use in bad weather, industrial sites, building sites, powerplants, rescue services etc. the HeartStart FRx is also suitable for use in many other locations.

# The Philips HeartStart FRx Defibrillator

The Philips HeartStart FRx Defibrillator is designed to be easy to use, rugged and reliable for those who get there first. On the scene with law enforcement, on the field with student athletes or on the job with employees, the FRx Defibrillator is designed for environments and conditions too demanding for many other defibrillators.

## Designed for real world use

The Philips HeartStart FRx Defibrillator is exceptionally rugged. Designed to surpass rigorous testing requirements, the FRx withstands jetting water, loads up to 220 Kg (500 pounds) and a one-meter drop onto concrete. The FRx is waterjet proof and dust proof to IP55 per IEC60529 and is the defibrillator to choose for use in extreme environments.

## The award-winning Philips HeartStart FRx Defibrillator is designed with you in mind:

### Easy to Use

Uses clear, natural voice instructions that talk you through each step.  
Senses and adapts to your actions.  
Coaches you through CPR.

### Safe

Based on industry-leading technology.  
Uses a highly accurate algorithm to determine whether the patient's heart requires a shock.  
Designed to only deliver a shock if one is needed.

### Reliable

Performs comprehensive daily self tests.  
Ready to use when you need it.  
Check its status at a glance.  
5 year warranty.

## If you purchase a DEFIBRILLATOR make sure it's made by PHILIPS

With more than 175,000 devices deployed, Philips is the worldwide market leader in portable defibrillators on airplanes, and in airports, workplaces, communities, and homes. The Philips HeartStart Defibrillator is the first defibrillator designed specifically for use by virtually anyone in their own home or office to help save a life when minutes count. This award-winning defibrillator has consistently been recognized for its ease of use.

Philips Medical Systems has annual sales of US \$6.5 billion, is represented in more than 100 countries, and employs over 22,000 people. All products are backed by Philips' worldwide network of research and development, and sales and service organizations. Philips Medical Systems is part of Royal Philips Electronics, one of the world's largest electronics companies.

To order your defibrillator or for more information please contact:  
Home Heart Care Ltd

Phone: 0845 299 0304  
Fax: 0161 601 0204  
Email: info@homeheart.co.uk  
Web: www.homeheart.co.uk



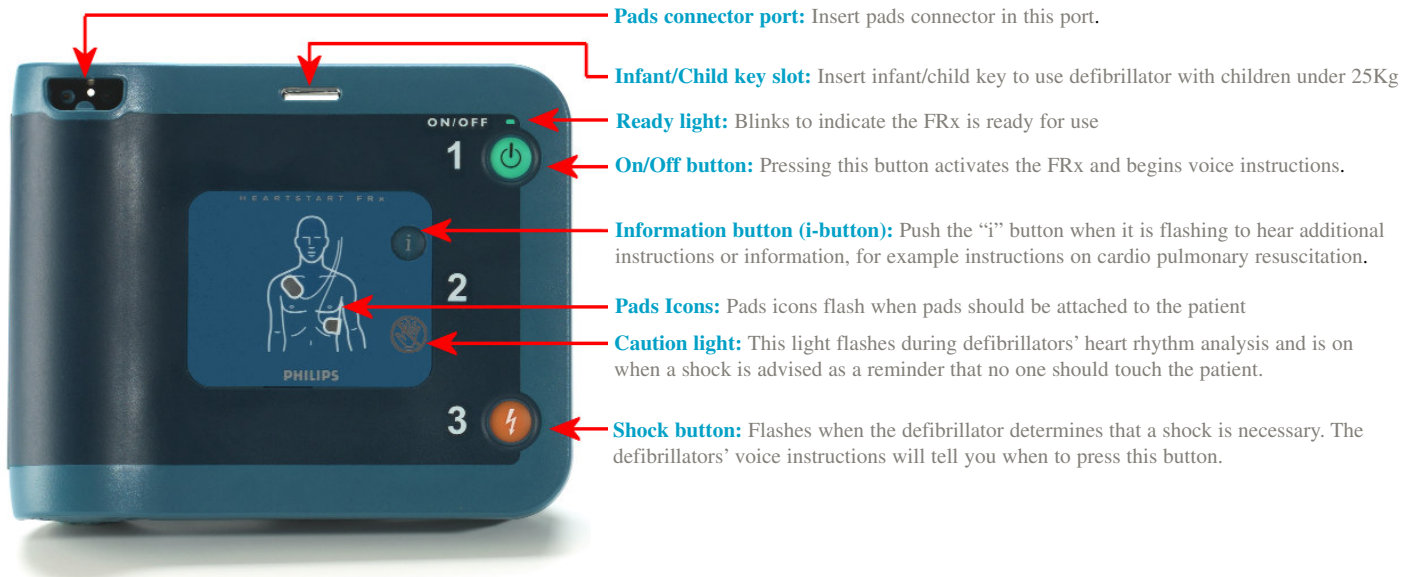
## Our standard HeartStart FRx Defibrillator package is supplied with:

Philips FRx Defibrillator, UK Specification, CE marked  
Latest 2005 Resuscitation Council AED and CPR protocols  
4 year lithium battery (does not require recharging)  
Adult SMART pads  
Users guides and manuals  
5 year PHILIPS warranty

## Optional extras available include (at additional cost)

Optional training session at your office or other location of your choice  
Child / Infant key for children under 25Kg  
Philips standard case  
PELICAN hard case for extreme environments  
Training pads cartridge sets  
Spare batteries  
Spare SMART pads cartridges  
Wall brackets, wall mounted cabinets  
Other accessories





**If someone collapses and is UNRESPONSIVE and NOT BREATHING PROPERLY you must first call the emergency services (999). If possible delegate someone else to call the emergency services.**

**Get your Philips HeartStart FRx Defibrillator and follow these steps:**

<p><b>1</b></p> <p>Get the defibrillator, PRESS the on/off button. The defibrillator will start speaking to you and will first tell you to remove all clothing from the patients chest.</p>	<p><b>2</b></p> <p>The defibrillator will give voice instructions to open grey plastic case and peel off the white adhesive pads.</p>
<p><b>3</b></p> <p>The defibrillator will give voice instructions to place the pads on the patient as clearly shown on the pictures printed on the pads.</p>	<p><b>4</b></p> <p>The defibrillator will instruct you not to touch the patient and will spend a few seconds analysing the patients heart. If a shock is required the SHOCK button will flash and the voice instructions will tell you to push the flashing orange button.</p>

The defibrillator will continue to monitor the patients heart and will give voice instructions telling you what actions to take next. If additional shocks are required it will advise you to press the orange flashing SHOCK button. If cardio pulmonary resuscitation (CPR) is required it will provide voice instructions on how to give effective CPR. The defibrillator should remain attached to the patient until the emergency services arrive.

**THE USE OF A DEFIBRILLATOR DOES NOT GUARANTEE SURVIVAL OF THE PATIENT. IT MAY NOT BE POSSIBLE TO RESUSCITATE THE PATIENT FOR A NUMBER OF REASONS.**

### **Is the HeartStart FRx suitable for our office , factory or other commercial location?**

The HeartStart FRx is designed for use in environments and conditions too demanding for many other defibrillators. It has environmental specifications IPX5 and IP5X per IEC60529 and withstands jetting water and 220Kg crush loads. Please review the technical data sheet for specific environmental specifications. For general office or home environments we recommend the Philips HeartStart M5068A

### **Is the Philips HeartStart Defibrillator safe?**

The Philips HeartStart FRx Defibrillator was designed with safety in mind--safety of the victim, the user and others who might be curious about the device. HeartStart FRx is designed to ONLY deliver a shock if it determines one is needed. It will NOT deliver a shock to a person who doesn't need it. For the safety of the operator and patient, it is important to follow the voice instructions and to make sure that no one touches the patient when a shock is delivered.

### **Can I use the HeartStart FRx Defibrillator on myself?**

You cannot use the HeartStart FRx on yourself if you suffer a sudden cardiac arrest. Victims of cardiac arrest are unconscious and not breathing. The defibrillator must be operated by another person who is present and who is willing and able to attempt a resuscitation.

### **Does the battery need recharging?**

The long-life lithium battery does not need recharging. It contains power cells of the same kind safely used in many other consumer products, such as cameras. The battery typically lasts approximately four years in "standby mode." "Standby mode" means HeartStart is in its normal "ready to use" condition. Every day, HeartStart runs self-tests to check its battery, pads freshness and internal circuitry. If it ever detects a problem, such as a low battery, it chirps like your smoke alarm to alert you.

### **How many times can I use the HeartStart FRx Defibrillator?**

If you use the HeartStart Defibrillator for a resuscitation attempt you will have to replace the Adult SMART pads with a new set after the resuscitation attempt is completed. One SMART pads set can be used to deliver multiple shocks (if required) to a single patient however once the pads are removed when the resuscitation attempt is completed a new SMART pads set must be installed before the defibrillator can be used again. Adult SMART pads cost about £40 each.

The battery will NOT normally need to be replaced after a single resuscitation attempt as it should be able to deliver in excess of 100 shocks under normal conditions. Apart from replacing SMART pads and batteries as required there is no other limitation on the number of times the defibrillator can be used (except wear and tear)

### **Does the equipment require any regular servicing?**

The FRx Defibrillator does not require any regular servicing or maintenance except for replacing the SMART pads (every 2 to 3 years) and the battery (every 4 years) when required. The unit will "beep" and give voice notification if the battery or SMART pads require replacement.

### **What are the legal issues surrounding the deployment or use of defibrillators?**

At present in the UK there are no statutory requirements for the placement of defibrillators, training and retraining for potential users of automated external defibrillators (AEDs). The Resuscitation Council provides guidance on the legal status of those who attempt resuscitation and their website (<http://www.resus.org.uk/>) provides a wealth of information and further links on this subject. Resuscitation council guidelines for the deployment and use of AEDs can be found at: <http://www.resus.org.uk/pages/aed.pdf> we advise all purchasers of the Philips HeartStart Defibrillator to follow the UK Resuscitation Council guidelines.

### **Do we need any training ?**

The Philips HeartStart FRx Defibrillator is very easy to use and can be used by minimally trained people in an emergency situation. For the best chance of a successful resuscitation we strongly advise that appropriate training be obtained. The UK Resuscitation Council guidelines recommend training be obtained. These guidelines can be viewed at:

<http://www.resus.org.uk/pages/aed.pdf>

The Philips HeartStart defibrillator can be supplied with an optional TRAINING VOUCHER which can be used to purchase a short introductory training course given in your office or other location of your choice which covers the operation and use of the defibrillator, basic cardio pulmonary resuscitation (CPR) and other issues relating to the use of the defibrillator.

Training can be provided by Direct First Aid Ltd ([www.directfirstaid.biz](http://www.directfirstaid.biz)) our preferred training supplier. Training can also be obtained from many other sources and will probably be available from the company that provides your existing First Aid At Work training.

Supplied with the defibrillator are self training materials such as a video program on DVD, and manuals. If you wish you can use the optional training voucher as part payment towards a Direct First Aid Ltd. 1/2 day or 1 day comprehensive training course. Customers who do not require training (for example those who are already trained or who wish to obtain training elsewhere) can purchase a unit with or without a training voucher. Please see section 15 of terms and conditions of business.

### **What is included in the FRx Defibrillator Package?**

The Defibrillator is supplied with one set of adult SMART pads , a 4 year battery, users guide and manual. The equipment is supplied with a Philips 5 year warranty and an optional training voucher. A case is NOT included in the package. Additional accessories and consumables are available from Home Heart Care.

# HomeHeart Care

Phone: 0845 299 0304

Fax: 0161 601 0204

Email: [info@homeheart.co.uk](mailto:info@homeheart.co.uk)

Web: [www.homeheart.co.uk](http://www.homeheart.co.uk)

### **UK Resuscitation Council Guidelines for AEDs and CPR 2005**

HeartStart Defibrillators are compliant with American Heart Association (AHA), European Resuscitation Council (ERC), and International Liaison Committee on Resuscitation (ILCOR) 2005 Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC).