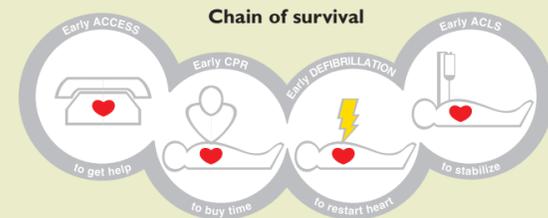


## Safe and effective

- AEDs widely distributed in the community together with trained responders can greatly reduce the time to lifesaving shocks; One of the key factors in the chain of survival. Not only is time critical for survival, but also for the chances of a full recovery



- Increasing evidence proves "early defibrillation" programs to be a cost effective way of helping save lives in the community. Successful AED programs even get widespread recognition and examples such as the program in Las Vegas casinos demonstrate high survival rates from SCA.<sup>2)</sup>
- AED's are recommended by ILCOR/AHA/ERC in places where the probability of SCA is higher than 50% or where the ambulance response time is greater than 5 minutes.
- AED's in the Heartstart family can be safely used by first responders with a minimum of training. "Trained lay persons can use AED's effectively"<sup>1)</sup>
- The FRx is ideal for police cars, fire services, non-emergency ambulances, swimming pools, sport stadiums, fitness centres, industrial sites, train stations and offices.
- Smart analysis heart rhythm detection system is considered so safe it has been cleared by the FDA for "home" use in the USA (Incorporated in "HEARTSTART HOME")

<sup>1)</sup> NEJM Vol 351 No 7 Aug 2004

<sup>2)</sup> NEJM Vol 343 No 17 Oct 2000

## Heartstart FRx



### Part numbers

861305ABU	HeartStart FRx English
861305ABG	HeartStart FRx German
861305ABF	HeartStart FRx French
861305ABZ	HeartStart FRx Italian
861305ABX	HeartStart FRx Finnish
861305ABE	HeartStart FRx Spanish
861305ABH	HeartStart FRx Dutch
861305ABN	HeartStart FRx Norwegian

### Consumables

989803139261	SMART Pads II (1 pair)
M5070A	Battery
989803139301	Aviation Battery, FRx Defibrillator
989803139291	Replacement Training Pads II (1-pair)

### Accessories

941360	Carry Case FRx Laerdal
989803139271	Training Pads II (1 pair)
989803139281	Infant/Child Pad Placement Guide
989803139311	Infant/Child Key, FRx Defibrillator
989803143051	Case Capture
989803143041	HS Configure

For more information visit [www.laerdal.com](http://www.laerdal.com)



for those who get there first



## Heartstart FRx

[www.laerdal.com](http://www.laerdal.com)



Sudden Cardiac Arrest (SCA) can happen to

**Anyone**  
**Anytime**  
**Anywhere**

SCA is the world's leading cause of early death and yet is frequently reversible using an AED.

## Timely treatment is critical for survival

- Each minute that passes reduces chances of successful resuscitation by 10%. Research from different parts of the world consistently shows that survival is around or less than 5% where defibrillation is delayed until the ambulance arrives.
- Real world data indicates a greater than 50% chance of survival with rapid intervention, before the arrival of an ambulance.<sup>3)</sup>

## Appropriate therapy is essential

- Small Biphasic Automated External Defibrillators (AED's) in the hands of first responders are able to deliver electric shocks that terminate lethal heart rhythms in the majority of patients.<sup>4)</sup>
- Research shows that the combination of defibrillation and CPR is the optimal treatment for people in cardiac arrest. The FRx assists the rescuer with guiding voice prompts in all the critical steps of resuscitation including CPR.<sup>5)</sup>
- For a defibrillation shock to be effective it should be delivered within just a few seconds after CPR stops. With Quickshock the FRx can analyse and a rescuer can deliver shock within 10 seconds.

<sup>3)</sup> NEJM Vol 347 No 16 Oct 2002

<sup>4)</sup> Circulation 2000; 102: 1780-1787

<sup>5)</sup> JAMA March 19 - 2003 Vol 289 No 11

The Heartstart FRx is an easy to use, rugged and reliable AED for those who get there first. It incorporates a number of features to make sure it is ready when needed with a minimum of maintenance required.

## Rugged

- Although most sudden cardiac arrests don't happen in extreme environments some do. The Heartstart FRx is designed to work where rescuers may have to go to. In the rain, onboard aircraft, on metal surfaces or in industrial areas. (For details see: Technical data sheet)
- The FRx withstands jetting water, loads up to 250Kg and 1-metre drops to a concrete floor

## Reliable

- Heartstart FRx is built with the knowledge of an installed base of over 200.000 Heartstart AED's (Jan 2005). In the years since 1997 and the introduction of Heartstart FR, the Heartstart family of AED products including also FR2 and HSI has been sold in numbers second to none. The continued performance through the years and the quality of these devices stand out in the AED industry.
- Heartstart FRx includes the features proven in the field by the Heartstart family and has important new improvements making the FRx the partner needed during the critical moments.

## Ready

- Internal self testing is key to readiness in infrequently used products. Heartstart FRx incorporates daily, weekly and monthly self testing including a pads connection and integrity test to make sure everything functions when needed.

## Heartstart FRx - for those who get there first



## Virtually maintenance free

- Heartstart FRx requires no regular or contractual technical maintenance programs. All vital functions are tested in the internal self test program including full energy charge/discharge.
- A brief visual inspection confirms whether the FRx is functional or not. The blinking green status indicator is the "ready" signal confirming all is well. Otherwise the FRx will produce an audio signal to notify that inspection is required.
- With the FRx in standby mode maintenance is simply visual inspection and replacement of consumables such as pads (every two years) and battery (every 4 years)



## Easy to use

- The Heartstart FRx was designed to be as easy to use as the Heartstart HSI. The first AED intended for home use.
- 1-2-3 operation supported by voice prompts and descriptive visual icons guide the rescuer through those critical steps.



1-Turn ON



2-Apply pads



3-Press to shock



## FRx advancements

### - Wireless Data Transfer and configuration

Heartstart FRx provides a mobile, wireless solution for data management using palmOne handhelds as well as PC's.

*Requires palm OS5.0*

It features an infrared data port for easy transmission of information. To change the FRx settings an optional palmOne configuration software tool is available as is a PC solution.

### - Preconnected SMART II pads

One pad size for all patients adults and children. Preconnected to the Heartstart FRx for ease of use at the critical period and thereby saving time.

### - Infant/Child key

Insert the optional infant/child key into the FRx and the AED changes in multiple ways to accommodate use on the youngest patients. Energy is reduced to appropriate level, CPR prompts change to those recommended for children and the pads icons flashes to show correct pads placement in children and infants.



## CPR coaching

- Should CPR be required, the FRx will guide the rescuer just as if their instructor was "behind their shoulder" step-by-step in time with what they are doing.

Following the latest guidelines even the experienced first aider will benefit from this valuable tool which reflects the latest science.