



Maximizing defibrillator performance

Philips HeartStart FR2-Series Defibrillator supplies and accessories

PHILIPS

Carry cases

There are four carry cases available for the HeartStart FR2-Series Defibrillator: the Standard Carry Case, either semi-rigid Cordura® or vinyl; the Temperature Control Carry Case; and the hard-shell waterproof case.



FR2-Series Carry Case

Semi-rigid

Item # M3868A

A red Cordura, semi-rigid carrying case holds the device as well as its main accessories and supplies.

Vinyl

Item # M3869A

An easy-to-clean vinyl carrying case is also available.

Both the Cordura and vinyl carrying cases are intended for use in environments where the defibrillator is protected from excessive moisture and harsh treatment.

Dimensions:

9.5" (24 cm) w, 8.5" (21 cm) h, 4.8" (12 cm) d



Temperature Control Carrying Case*

Item # 989803133171

With the Temperature Control Carry Case you can safely store your HeartStart FR2-Series defibrillator in the trunk or storage compartment of a vehicle during extreme winter and summer temperatures. It provides protection from temperatures as low as -20°F (-29°C) and as high as 140°F (60°C), perfect for utility trucks, police cruisers and other vehicles in which heating or air conditioning isn't always available. The case's thermostat-regulated heater can be powered by a 12-volt vehicle battery. The built-in cut-off module turns off the heater before it depletes the battery. And a thick foam insulation layer slows the heating effect of hot summer days.

Dimensions:

9.5" (24 cm) w, 8.5" (21 cm) h, 3.5" (9 cm) d



Hard-Shell Carry Case

Item # YC

Our waterproof carry case made of hard-shell plastic is suited for more rigorous use, particularly in wet outdoor settings. It can also accommodate a spare battery, spare pads cartridge, and the contents of the Fast Response Kit.

Dimensions:

13.5" (34 cm) w, 12" (30 cm) h, 6" (15 cm) d

* Not available in all regions.

Wall mounting solutions

Philips Wall Mount Bracket and Defibrillator Cabinets let you strategically place defibrillators for fast access and response.



Wall Mount Bracket

Item # 989803170891

The Wall Mount Bracket is designed specifically for housing a Philips HeartStart defibrillator and its accessories. The defibrillator's carry case can be tethered to the Wall Mount Bracket with a breakaway Secure-Pull Seal (M3859A) to discourage tampering. A broken seal indicates that the defibrillator has been removed from the Wall Mount and accessories may need to be replenished. The Fast Response Kit (68-PCHAT) tucks neatly behind the Defibrillator Case.

Dimensions:

10.5" (27 cm) w, 8" (20 cm) h, 6.9" (17 cm) d
Weight: 18.4 ounces (0.52 kg)



Secure-Pull Seal

Item # M3859A



AED Awareness Placard

Item # 989803170901 (Red)

Item # 989803170911 (Green)

Raise AED awareness by putting an AED Awareness Placard above every AED located in a public area. Easy-to-understand graphics raise awareness of passers-by about how to use an AED in an emergency. Great for office settings, sports clubs, public facilities, school settings and more.

Dimensions:

10.25" (26 cm) w, 4.5" (11 cm) h



AED Awareness Poster Pack

Item # 861476 Opt. ABA (English)

Opt. ABE (Spanish)

Opt. ABF (French)

Place these posters away from the AED, in break areas, copy rooms or locker rooms – anywhere that employees or members of the public can take a moment to raise their awareness about AEDs. Includes space for the AED coordinator to write-in the location of the nearest AED. Pack of four posters.

Dimensions:

11" (28 cm) w, 17" (43 cm) h



AED Wall Sign

Item # 989803170921 (Red)

Item # 989803170931 (Green)

An AED Wall Sign hanging above a Wall Mount Bracket or Defibrillator Cabinet gives even greater visibility to the defibrillator. Can be mounted three different ways to maximize visibility: T-mount, V-mount or Corner Mount.

Face dimensions:

9" (23 cm) h, 6.1" (15 cm) d

To help mobilize an emergency medical response or deter AED theft, Philips offers three different battery-operated, alarmed wall cabinets. The basic cabinet has a simple audible alarm. Also available are two premium cabinets: a wall surface mounted cabinet and a semi-recessed cabinet that is inserted into a wall cut-out for a less obtrusive look.* The premium cabinets feature combination audible and flashing light alarms. They are made of sturdy heavy-gauge steel, and are large enough to accommodate additional medical supplies, such as oxygen. You can also connect the premium cabinets' alarms to your internal security system so that a more coordinated emergency response can be mobilized centrally.



Basic Surface Mounted Cabinet

Item # 989803136531

Dimensions:

16.5" (42 cm) w, 15" (38 cm) h, 6" (15 cm) d



Premium Surface Mounted Cabinet

Item # PFE7024D

Dimensions:

16" (41 cm) w, 22.5" (57 cm) h, 6" (15 cm) d



Premium Semi-recessed Cabinet

Item # PFE7023D

Dimensions:

Recessed Compartment

14" (36 cm) w, 22" (56 cm) h, 6" (15 cm) d

Footprint on wall

16.5" (42 cm) w, 24.5" (62 cm) h, 2.5" (6 cm) d

* The Americans with Disabilities Act requires that objects not protrude more than 4" into foot traffic areas of open aisles and walkways unless the object's bottom edge is no higher than 27" from the ground.

Pads

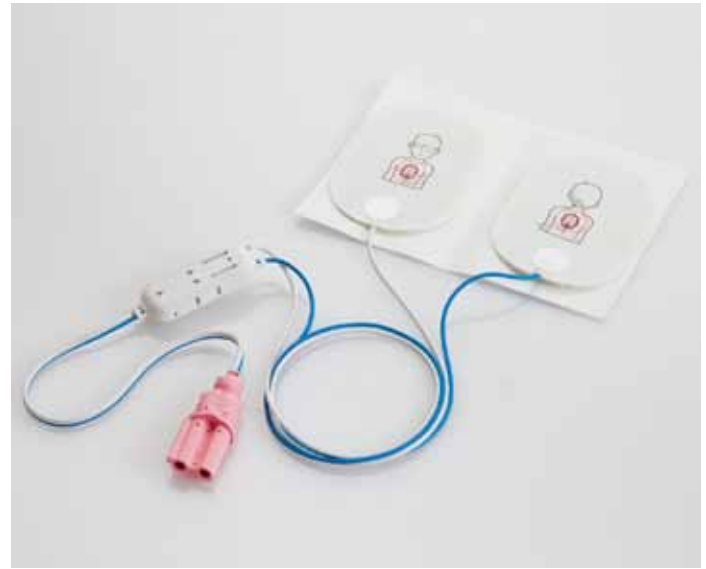


HeartStart Adult AED Defibrillator Pads

Item # 989803158211/989803158221

HeartStart Adult AED Defibrillator Pads (1-pack: 989803158211, 5-pack: 989803158221), recommended for patients 8 years and older, or above 55 pounds (25 kg), are optimized for use with Philips FR2-series defibrillators. Constructed of a thin flexible conductor sandwiched between a protective polymer backing and a hydro-gel adhesive, these pads withstand the rigors of CPR and harsh conditions. Soft, flexible and oval-shaped, HeartStart Adult AED Pads conform to body contours for ample surface contact and adhesion.

For smooth handoff to advanced life support (ALS) personnel, the pads connector is compatible with the hands-free cable of HeartStart manual defibrillators which have advanced capabilities. Once attached, these multifunction electrode pads can provide ECG monitoring, external pacing, and synchronized cardioversion, in addition to defibrillation.



FR2-series Infant/Child Reduced-Energy Defibrillator Pads

Item # M3870A

HeartStart FR2 Infant/Child Defibrillator Pads (M3870A) are for treating infants and children under 8 years of age or 55 pounds with an FR2-series defibrillator.

These special infant/child pads contain electronics that attenuate, or reduce, the energy of the defibrillator's shock from 150 to 50 Joules, a more appropriate dosage of SMART Biphasic therapy for infants and small children.¹ And the FR2-series defibrillator can evaluate children's heart rhythms with outstanding accuracy.²

The pads' design was carefully thought out to ensure that it is instantly obvious that these pads are for children and infants only. This helps ensure that the correct pads are chosen when you need to be prepared to treat both adults and children. The packaging, graphics, and pink teddy bear-shaped connector clearly communicate pediatric use.

1. Tang, et al. Pediatric Fixed Energy Biphasic Waveform Defibrillation Using a Standard AED and Special Pediatric Electrodes. Supplement to Circulation, Vol 102, No 18, October 31, 2000, II-437.

2. Cecchin, et al. Is Arrhythmia Detection by Automatic External Defibrillator Accurate for Children? Sensitivity and Specificity of an AED Algorithm in 696 Pediatric Arrhythmias. Circulation 2001; 103:2483-2488, May 22, 2001.

Batteries



FR2-Series Standard Battery

Item # M3863A

FR2-series defibrillators come with a disposable lithium manganese dioxide battery, which has a shelf life of five years, plus typical standby life of five years (four years minimum).^{*} U.S. airline customers should order the FAA-certified version of this battery (989803136291).



FR2+ Rechargeable Battery

Item # M3848A

In hospital and EMS environments, where the useful life of a defibrillator's disposable battery can be consumed in a relatively short period of time, the FR2+ Rechargeable Battery provides a cost-effective option for frequent-use applications, such as back-to-back sudden cardiac arrest responses and monitoring patients during transport.

This Lithium-Ion battery fully charges (using the Charger M3849A) in just three hours to provide 100 shocks (typical) or five hours (typical) of ECG display time. The “fuel gauge” on the FR2+ displays the battery's remaining power. Under normal conditions, the FR2+ Rechargeable Battery withstands 300 charge/discharge cycles or 2.5 years of use. For use with models marked with FR2+.

^{*} Use of the defibrillator, additional battery insertion tests, or exposure to temperature extremes may shorten the battery life.

Additional accessories



Quick Reference Guide

Item # M3860-97800

The Quick Reference Guide is a brief instruction guide for defibrillator operators. Its short captions and straightforward drawings break down each step of the defibrillation process.



Fast Response Kit

Item # 68-PCHAT

The Fast Response Kit contains tools and supplies typically needed for patient care and personal protection: two pairs of hypoallergenic nitrile gloves, a pocket breathing mask, paramedic scissors, a chest

hair razor, and a large extra-absorbent paper towel. These items are housed in a zippered pouch which attaches securely to the handle of either the semi-rigid or vinyl carry case.

Dimensions:

9.5" (24 cm) w, 5.5" (14 cm) h

FR2-series cross-product compatibility

HeartStart Adult AED Defibrillator Pads may also be used with defibrillators from other manufacturers using Philips HeartStart Adapters. The adapters allow ALS caregivers to connect the pads to their manual defibrillator. Adapters cannot be used with FR2-series Infant/Child Defibrillator Pads.



Permanent configuration



Removable configuration

Adapter Model 05-10200

Fits Philips hands-free cables M3507A or M1750A/B for connection to Hewlett-Packard CodeMaster 100, XE, XL, and XL+; Philips Heartstream/HeartStart XL and XLT; HeartStart MRx and Laerdal HeartStart 4000 defibrillator/monitors.



Adapter Model 05-10000

Removable adapter for Medtronic Physio-Control Quik-Combo LifePak 9, 10C, 11, 12, 20, and 500 defibrillators.



Adapter Model 05-10100

Removable adapter for Zoll 1200, 1400, 1600 and M-Series defibrillators.

Training solutions



Training and Administration Pack with charger

Item # M3864A with M3855A

When equipped with the rechargeable training and administration pack, the FR2-series defibrillator acts as a trainer. Its shock delivery capability is disabled while you train with nine realistic scenarios. And when connected to a simulator or a special training manikin capable of producing an ECG rhythm, the FR2+, with training and administration pack, will produce realistic responses to various heart rhythms. In addition to training, the pack allows you to reconfigure the defibrillator's behavior to your specific cardiac arrest protocol.*



Remote Control

Item # M3753A



AED Trainer 2

Item # M3752A

For training many responders simultaneously, HeartStart AED Trainer 2 is a more flexible and economical solution. AED Trainer 2 helps your responders learn to use FR2-series defibrillators in simulated sudden cardiac arrest episodes for an extremely realistic training experience. AED Trainer 2 looks and behaves like the FR2-series defibrillators, but cannot deliver an actual defibrillation shock.

It is pre-configured with 10 realistic training scenarios, developed in accordance with internationally recognized emergency responder training programs. Voice prompts in various languages and additional custom scenarios can be configured using the optional programming kit (M3754A).

An optional remote control (M3753A) lets the instructor adjust the Trainer's volume, select a scenario, pause and then resume the scenario in progress to give instruction, and override the scenario to test how students respond to a variety of situations they may encounter.

The AED Trainer 2 comes equipped with one set of adult-size reusable training pads (07-10900), a quick reference instruction card, a user guide, and a carrying case.



HeartStart Training Pads

Item # 07-10900



FR2 infant/Child Training Pads

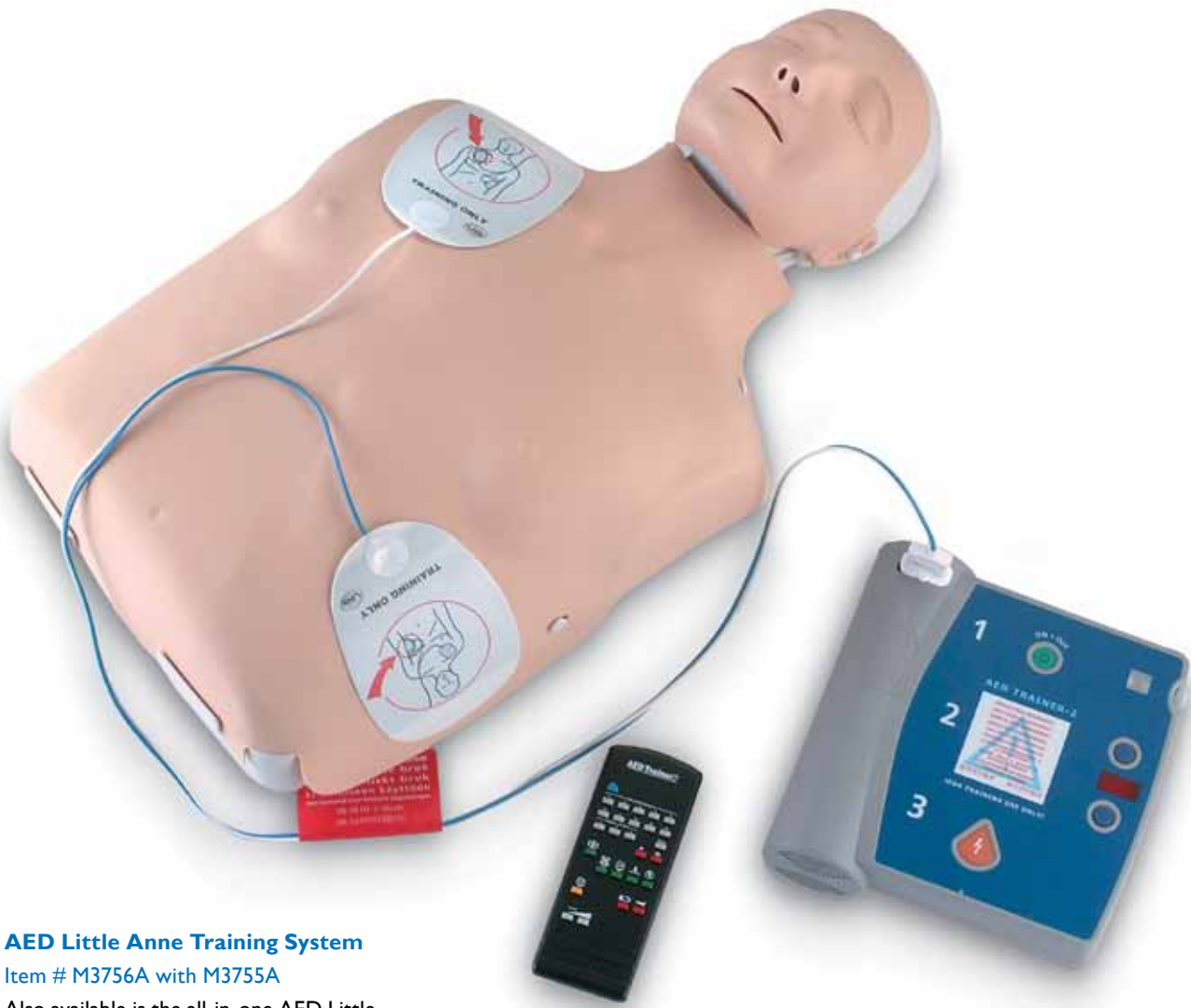
Item # M3871A



Programming Kit

Item # M3754A

* Changes to default values should be done only by authorized personnel under the oversight of a medical professional.



AED Little Anne Training System

Item # M3756A with M3755A

Also available is the all-in-one AED Little Anne Training System, for added realism. In addition to the AED Trainer 2, quick reference card, user guide, and carrying case, this total training solution also includes the remote control, special training pads (M3755A) and a Laerdal AED Little Anne training manikin. The Trainer, AED Little Anne manikin, and special training pads work together to provide feedback on the quality of pads placement.



Instructor's Training Toolkit

Item # 989803150291

The training toolkit includes instructional aids, a DVD and CD, for teaching groups of people to operate the HeartStart FR2-series defibrillator.

Data management

Philips provides a broad range of tools to help you efficiently and effectively download, transmit, share, analyze, and report resuscitation data, so you and your medical director can fine tune your response to cardiac emergencies. Whether you manage a community public access program, a school AED program, a corporate emergency response team, an EMS system, or your hospital's resuscitation committee, the Event Review software suite has the tools you need to manage your defibrillator data.

HeartStart Review Express

Our simplest data management product for a quick look at defibrillator data, Review Express lets you download an ECG from your defibrillator, view it and print it. The program can be downloaded from the Philips data management website at no charge. (www.medical.philips.com/goto/eventreview). If you need to store or augment cases with annotations, we suggest one of the other software products in the Event Review family: Data Messenger, Event Review, or Event Review Pro.

Data Messenger

Item # PN 861451 Opt A01

HeartStart Data Messenger helps you move defibrillator cases to where they need to be. It's ideal for fire departments and EMS organizations who want to download defibrillator cases from their AEDs and forward them on to a central data administrator or medical director for retrospective review on Event Review or Event Review Pro. You can configure it to operate automatically in the background. Alternatively, you can configure it to be an easy-to-use wizard that guides you step by step in downloading, viewing and forwarding cases. Runs on a PC.

Event Review

Item # M3834A (single PC)

or 989803141811 (organization-wide)

Event Review allows you to download patient data from your defibrillator, and view it on your PC screen, annotate it with your comments, and add basic response and patient status information. You can save the case to a file or to a

database, allowing ad hoc case queries and case reports. It is available with single PC pricing or unlimited organization-wide pricing.



Event Review Pro

Item # 861431 Opt A01 (single PC)

Opt A03 (site license)

Event Review Pro is our comprehensive case management tool for the most demanding data managers and medical directors, with even more detailed data entry screens to record every aspect of the response, including detailed response times, interventions, and patient observations. In addition to the individual case reports, you get Utstein reporting and graphical summaries of your system's overall response times to help you manage your service levels more efficiently.



Data Card and Tray

Item # M3854A

The data card holds approximately 8 hours of incident and ECG information, or one hour with voice recording. One card can hold data from multiple cases. A flash data card reader enables data transfer from the card to a personal computer for use with HeartStart Event Review data management software.

* Changes to default values should be done only by authorized personnel under the oversight of a medical professional. Purchase of this product requires a prescription.

FR2+ ECG Assessment Module

Ideal where manual defibrillators and monitors are impractical, the Philips FR2+ ECG Assessment Module enables the professional responder to use the HeartStart FR2+ Defibrillator with ECG to assess the heart rhythms of conscious and/or breathing patients who may be in cardiac distress. With this reusable unit, caregivers knowledgeable in ECG rhythms can use the defibrillator's display to view the Lead II ECG rhythm of a patient who may be experiencing dizziness, chest discomfort, or becomes unconscious but is still breathing.* If arrhythmias are observed or the patient's status changes, the responder can proactively determine next steps. And if the patient goes into cardiac arrest, the responder can react immediately by switching to defibrillation pads. The FR2+ ECG Assessment Module, compatible with most standard snap monitoring electrodes, including 989803137771, is available in two configurations:



Item # M3873A

AAMI color convention with red, white and black leadwire connections.



Item # M3874A

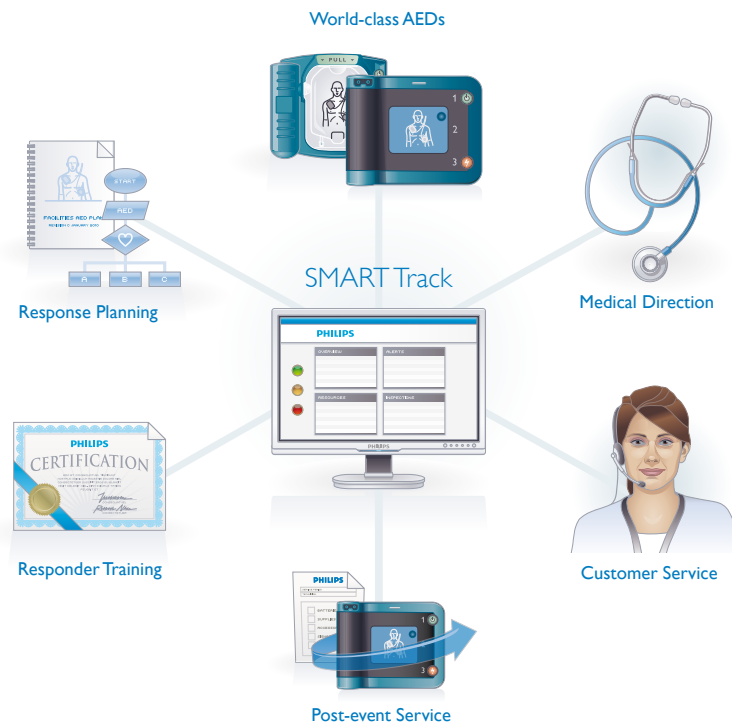
IEC color convention with green, red and yellow leadwire connections.

* FR2+ ECG screen is not suitable for diagnostic and ST-segment interpretation.

HeartStart AED Services*

We provide management tools and resources to support the needs of your AED program. Whatever your needs, we will work with you to find the services that are right for your situation. We can help you seamlessly manage important components of your AED program, including:

- SMART Track online program management
- Medical direction
- Training
- Maintenance
- Regulatory support
- Post-event support
- Customer service



Philips can help you implement a successful AED program at a single site or at multiple sites globally.

* Where available.
The HeartStart FR2+ requires a prescription.

Please visit www.philips.com/FR2plus



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Philips Healthcare is part of Royal Philips Electronics

www.philips.com/healthcare
healthcare@philips.com
fax: +31 40 27 64 887

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HeartStart Defibrillators
+1 978 659 3332
800 263 3342 (toll free, US only)