

THE ART AND SCIENCE OF DEFIBRILLATION™

Lifeline PRO



Introducing Lifeline PRO

Advanced technology • Professional capabilities
Award-winning design • Robust and durable • Fully featured
Easy-to-use and maintain • Fully configurable



defibtech

Life-Saving Technology Within Reach

Introducing Lifeline PRO

Meet the AED that's taking easy-to-use to a whole new level. The Lifeline VIEW family of defibrillators are the first and only AEDs with video in full-motion color. The Lifeline PRO offers professional responders full manual capabilities. With award-winning design, durability, and easy maintenance — backed by the Defibtech commitment to innovation and excellence — we can guarantee you've never seen an AED like this before.

Video

 They say a picture is worth a thousand words; now multiply that with the power of video. The Lifeline PRO has a large, full-color interactive display that gives you a fully manual mode that displays the ECG and allows full control of shock energy and delivery or an AED mode that gives step-by-step instructions for performing CPR, rescue breathing and external defibrillation.

Showing How to Save Lives and Giving You the Confidence to Do It

 Saving lives, while rewarding, can be stressful. Even if you are trained, in an emergency situation, will you remember what to do and how to do it? The Lifeline PRO, in AED mode, has videos that show you how to perform a specific part of a rescue, or can display the ECG.

A Personal Coach at Your Side

 While you are in the middle of the rescue, you may not remember how many compressions to provide and the timing between each one. The Lifeline PRO has a built-in metronome that counts out the beat so you know what to do and when to do it.



Real Time Protocol Selection

 Not all rescuers are the same. Some people do compression-only CPR. Others may be trained to do both compression and rescue breathing. Real Time Protocol Selection allows you to switch over from one to both without skipping a beat, giving you the comfort and confidence to deliver emergency care your way.

Is Your Device Ready for Rescue?

The One Touch Status Screen Lets You Know

 When sudden cardiac arrest strikes, there is no time to lose. You need to be sure that your AED is ready for rescue. Most other AEDs only signal when there's a problem. The Lifeline PRO's one touch status screen gives you everything you need to know that the unit is up to date and in working order — without turning it on.

Ruggedness and Durability

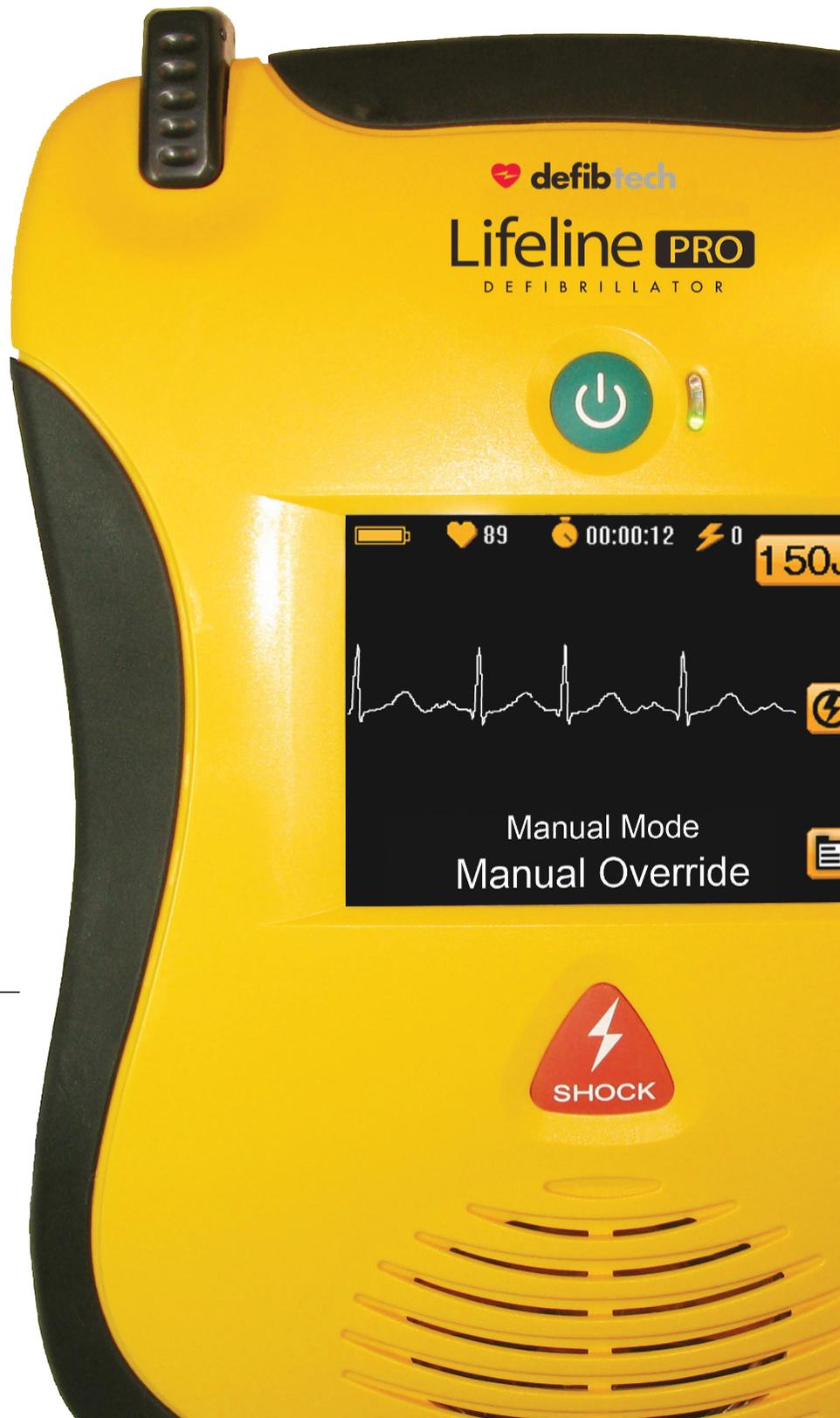
 The PRO's ruggedness is measured by a specific set of criteria. It is one tough little unit, coming out on top in some of the most demanding environmental tests.

Manual Override for Professional Use

 The Lifeline PRO allows the professional responder full manual control over shock energy and shock delivery. The ECG is clearly displayed on a large, brightly lit, high-resolution color display.

Award-Winning Ergonomic Design

 Compact, portable and lightweight — under three pounds — the Lifeline PRO represents the newest generation in a family of defibrillators that have won a number of industry awards for design and innovation.



Easy to Maintain

 One of the major problems with most AEDs is maintenance. Not with the Lifeline PRO. The status screen gives you up to the minute information on maintenance if it's required. In addition, built-in video help gives you easy, step-by-step guidance on maintenance that supplements the user manual. Proactive reporting monitors the status of the device and its components.

Easy to Upgrade

 As protocols change over time, your unit can be upgraded in the field through a USB cable or a data card.

Easy to Record and Transfer Data

 Data from the unit can be recorded or retrieved from the device using a card or USB cable.

Safe and Effective Life-Saving Technology

 The Lifeline PRO uses biphasic technology, a clinically proven waveform and algorithm to deliver shocks and save lives. This is one of the most widely used impedance compensated waveforms which has extensive clinical experience and success in thousands of defibrillators around the world. Evaluation in hundreds of publications has demonstrated this technology to be the safest and most effective when it comes to saving lives.

Corporate Focus and Commitment — The Defibtech Tradition of Excellence Continues

 With more than 160,000 units in the field, Defibtech has drawn accolades for its commitment to save lives by producing the best AEDs medical technology can offer. Defibtech is an industry leader with sound technology and sound finances that constantly drive research and innovation to the next level of excellence.

Life-saving design

At Defibtech, we've designed our line of AEDs to offer industry-leading innovation, simplicity and elegance. They're sophisticated enough to meet the needs of the most demanding first responders. Yet they're also incredibly easy to use — so even untrained individuals can quickly and effectively save lives. Our AEDs feature:

Brilliant Design. With bright yellow-and-black coloring and attractive, sleek curves, our AEDs invite prominent display and aren't intimidating to users.

Latest Technology. Our AEDs use biphasic defibrillation, which is extremely effective at resuscitating patients in ventricular fibrillation, the most common form of Sudden Cardiac Arrest, on the first shock. Our units also feature cutting-edge display monitors and step-by-step audio instructions—which make it easier than ever to use the device in an emergency.

Light Weight and Durable. Even a child could carry our AEDs, which weigh less than three pounds. Plus, our devices are tested to U.S. Military "drop and shock" specifications.

The Defibtech philosophy

In designing and producing our unique line of AEDs, Defibtech relies on these distinct, yet complementary, capabilities:

Superior Value. Defibtech delivers AEDs with professional specifications at consumer prices.

Technical Innovation. Our team of engineers includes some of the most intelligent and experienced in the industry. As individuals and as a team, our engineers are committed to continually innovating — and raising the bar for the AED marketplace.

Design for the Real World. Defibtech designs and produces features and functions that are truly useful and usable.

Customer Commitment. The company is committed to enabling users to save lives through products that are powerful yet simple and easy to use.

Learn more

Defibtech AEDs are sold exclusively through our network of distributors. To find a distributor or to learn more, visit www.defibtech.com or contact us at 866-DEFIB-4U (866-333-4248), 203-453-4507 or info@defibtech.com.

Lifeline PRO Semi-Automatic Defibrillator with Manual Override

TECHNICAL SPECIFICATIONS†

OPERATING MODES

AED MODE: High resolution video display (animated instructions and CPR coaching).

ECG MONITOR MODE: Displays ECG data and event information (with 3-lead electrodes).

MANUAL MODE: Displays ECG data and event information and defibrillation energy selection from 25-200 Joules with charge, shock and disarm control.

DEFIBRILLATOR

TYPE

Semi-Automatic external defibrillator

MODEL

DDU-2400

WAVEFORM

Impedance Compensated Biphasic Truncated Exponential

ENERGY*

AED Mode:

Adult: 150 Joules

Child / Infant: 50 Joules

Manual Mode:

Adult: User selectable from 25-200 Joules

Child/Infant: User selectable from 25-100 Joules (50 Joules only when using DDP-2002 attenuating defibrillation pads)

CHARGE TIME

AED Mode:

4 seconds or less

(from shock advised)**

Manual Mode:

9 seconds or less

(150 Joules)***

12 seconds or less

(200 Joules)***

CONTROLS

Lighted On/Off button

Lighted Shock button

DISPLAY

High-resolution color LCD

VIDEO PROMPTS

Full motion video

On-screen text prompts

CPR COACHING

Video and voice coaching

On-demand video help

VOICE PROMPTS

Extensive voice prompts guide user through operation of the unit

RESCUE PROTOCOL

AHA/ERC 2010

Supports protocol updates by the user (password protected)

*Nominal into 50 ohm load

**Typical, new battery, at 25°C

***Typical, new battery depleted by 6 shocks, at 25°C

SELF TESTS

AUTOMATIC

Automatic daily, weekly, monthly and quarterly circuitry tests

BATTERY INSERTION

System integrity test on battery insertion

PAD PRESENCE

Pads preconnected tested daily

USER-INITIATED

Unit and battery pack system test initiated by the user

STATUS INDICATION

Visual and audible indication of unit status

STATUS SCREEN

Unit self-test results
Pads and battery information (status and expiration)

DEFIBRILLATION / MONITORING PADS

MODEL

Adult: DDP-2001

Child / Infant:

DDP-2002 and DDP-2003

TYPE

Pre-connected, single-use, non-polarized, disposable, self-adhesive electrodes with cable and connector

SURFACE AREA*

Adult: 77 cm²

Child / Infant: 50 cm²

*nominal, each pad

BATTERY PACKS

MODEL

DBP-2003, DBP-2013 (aviation)

POWER

12V, 2800 mAh

TYPE

Lithium/Manganese Dioxide

Disposable, recyclable, non-rechargeable

CAPACITY*

125 shocks or 8 hours continuous operation

STANDBY LIFE*

4 years

LOW BATTERY INDICATORS

Visible

Audible

*Typical, with new battery at 25°C

ENVIRONMENTAL

TEMPERATURE

Operating: 0 to 50°C (32 to 122°F)

Standby: 0 to 50°C (32 to 122°F)

RELATIVE HUMIDITY

Operating / Standby: 5%-95% (non-condensing)

ALTITUDE

-500 to 15,000 ft (-150 to 4500 m)

per MIL-STD-810F 500.4 Procedure II

VIBRATION

Ground (MIL-STD-810F 514.5 Category 20)

Helicopter (RTCA/DO-160D, Section 8.8.2, Cat R, Zone 2, Curve G)

Jet Aircraft (RTCA/DO-160D Section 8, Cat H, Zone 2, Curves B & R)

SHOCK / DROP ABUSE TOLERANCE

MIL-STD-810F 516.5 Procedure IV 48 inches (1.2 meters), any edge, corner, or surface, in standby mode

CRUSH TEST

1,000 pounds (450 kg)

SEALING / WATER RESISTANCE

IEC60529 class IP55; Dust protected; Protected against water jets (battery pack installed)

ESD

IEC 60601-4-2: (Open air up to 15kV or direct contact up to 8kV)

EMC (Emission)

CISPR 11 Group 1 Level B and FCC Part 15

EMC (Immunity)

IEC 61000-4-3 and IEC 61000-4-8

PATIENT ANALYSIS SYSTEM

PATIENT ANALYSIS

Automatically evaluates patient impedance for proper pad contact. Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms.

SENSITIVITY/SPECIFICITY

Meets AAMI-DF-80 specifications and AHA recommendations

EVENT DOCUMENTATION

INTERNAL EVENT RECORD

Critical ECG segments and rescue event parameters are recorded (greater than 60 minutes) and can be downloaded to a removable data card

PC-BASED EVENT REVIEW

ECG with event tag display, and audio playback when available

REMOVABLE STORAGE

(optional) Up to 30 hours of ECG and event data storage (no audio option) or up to 3 hours of audio (audio option). ECG and event storage on a removable data card. Actual length of storage is dependent on card capacity.

USB PORT

Event download and maintenance operations

PHYSICAL

SIZE

7.3 x 9.5 x 2.3 inches

(18.5 x 24 x 5.8 cm)

WEIGHT (with battery)

Less than 3 lbs (1.4 kg)