

Powerheart® G5 AED Training Simulator Instructions for Use

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Product description

The Training Simulator is an easy to use training tool that allows practice in working with an AED and defibrillation procedures.

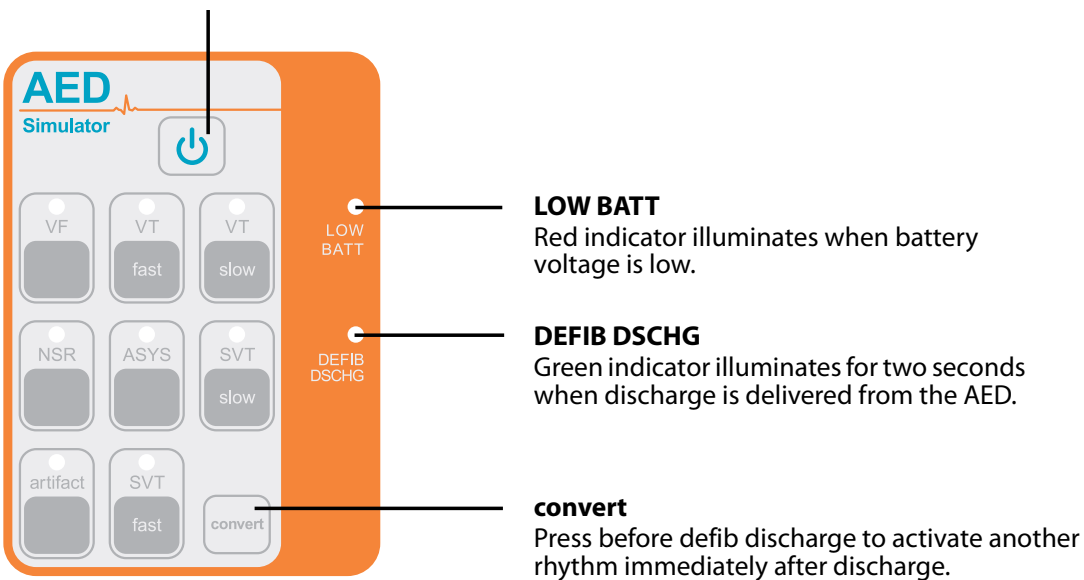
Note: The Training Simulator is intended for training and sales demo purposes only. Not for equipment testing, maintenance, verification. or use on humans.

Controls and indicators

The Training Simulator has eight waveform keys. LED indicators in each key show you which waveform is running.

ON-OFF

Press to power on and to power off
VF is selected automatically when powered on.



Convert

The convert feature allows the simulator to convert automatically from one shockable rhythm (the running rhythm) to another rhythm (the waiting rhythm) when a discharge is delivered from the AED. To perform a convert operation:

1. Press the key of a shockable rhythm.
2. Press **convert**. The indicator of the running rhythm pulses brighter.
3. Press the key of the rhythm you want simulated immediately after defibrillation discharge.
4. Deliver the charge from the AED.

To cancel a convert operation before it is completed, either press **convert** again or press the key of the running rhythm. If a convert operation is started but not completed within two minutes, it cancels automatically.

Waveforms

Type	Rate (bpm)
VF (Ventricular Fibrillation)	More than 200
VT fast (Ventricular Tachycardia (wide QRS))	Approximately 185
VT slow (Ventricular Tachycardia (wide QRS))	Approximately 140
NSR (Normal Sinus Rhythm); non-shockable	Approximately 72
ASYS (Asystole); non-shockable	Rate not applicable
SVT slow (Supra Ventricular Tachycardia)	Approximately 170
artifact (Unusable signal); frequency and/or amplitude exceed ECG parameters	Rate not applicable
SVT fast (Supra Ventricular Tachycardia)	Approximately 210

Exercise

This example exercise demonstrates how the Training Simulator can be used for training.

Example: Output the VF waveform to the AED first. After the AED delivers a shock, switch to NSR.

A. Simulator setup

1. Press **VF**. The **VF** indicator glows steadily.
2. Press **convert**. The **VF** indicator pulses brighter.
3. Press **NSR**. The **NSR** indicator begins blinking. The **VF** indicator glows steadily again.

B. Connect to the AED

1. Open the lid of the AED. If packaged defibrillation pads are under the lid, disconnect and remove them.
2. Connect the simulator cable to the AED defibrillation pads socket.

The AED gives the following voice prompts:

“Do not touch patient. Analyzing rhythm.”

“Shock advised.”

- If the AED is semi-automatic: “Stand clear. Press red flashing button to deliver shock.”
- If the AED is automatic: “Shock will be delivered in three, two, one.”

Both models: “Shock delivered.”

Battery saver feature

The Training Simulator powers off automatically about 30 minutes after a key was last pressed or after a defibrillator discharge was last detected. This is normal operation.

If you want to disable the battery saver feature:

1. Power off the Simulator.
2. Press and hold **convert**, then press and release **ON-OFF**.

The simulator powers on.

3. When the **VF** indicator begins blinking, release the **convert** key. (The **VF** indicator continues to blink for approximately one second.)

The battery saver feature is now disabled.

When you power off the Simulator, it returns to normal battery saver operation the next time it is used.

Cleaning and sterilization

Clean the Training Simulator with a sponge or cloth moistened with water or rubbing alcohol.

Do not use abrasives or solvents. Do not steam, autoclave, or gas sterilize. Improper cleaning or sterilization can damage the Simulator.

Service

If your Simulator needs service, or if you have questions about its operation, please contact Cardiac Science Technical Support or your local representative.

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