

# 1



Unpack your LOOP Learning System CPR Controller (LOOP Controller). Do not plug it in yet!

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# 2



Locate the serial number on the back of your LOOP Controller.

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# 3



Go to LOOPcpr.com. Click "Register LOOP" and enter the serial number.

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# 4



Download the LOOP Learning System CPR Software installer.

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# 5



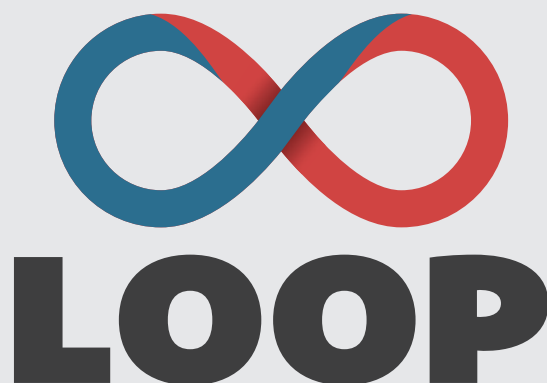
Once the installer has downloaded, find and run the installer.

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# 6



Plug your LOOP Controller into an active USB port and start the LOOP Learning System Software!



LEARNING SYSTEM

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## QUICK START GUIDE

**NEED HELP?**

CONTACT LOOP SUPPORT...

**877-440-6049**

OR VISIT

**LOOPCPR.COM**

# HOW-TO AMPLIFY YOUR CPR SKILLS PRACTICE PROGRAM

BRING YOUR STUDENTS TO LIFE WITH THE LOOP LEARNING SYSTEM

## 2 PRIMARY COMPONENTS

1

### LOOP CPR CONTROLLER

Think of the Controller as your CPR measurement hub - tracking depth of compressions, rate of compressions, how well ventilations were performed and more!

#### MICRO SWITCH

Determines if the controller is under compression.



#### GYROSCOPE

Determines 3D orientation and position.



#### ACCELEROMETER

Senses motion and acceleration.

2

### LOOP CPR SOFTWARE



#### INTERACTIVE

Game play with graphics, music and video.



#### REALTIME METRICS

Immediate measurement and feedback to improve technique.



#### SCORECARD

Results and data provided to you and your students.



# LOOP FAQ

## Why LOOP?

The LOOP Learning System (LOOP) is designed to solve three kinds of problems:

- 1 Engagement** – LOOP uses interactive music, video, head-to-head competition, and other game-related concepts to create a compelling experience. CPR skills practice becomes a fast-paced and fun gaming system that engages your students.
- 2 Measurement** – The LOOP CPR system builds high-quality CPR skills by providing accurate measurement of compression rate and depth, chest recoil, pauses between compressions, and length of ventilations.
- 3 Long-term Memory Retention** – LOOP encourages and incentivizes students to perform skills practice longer and more in-depth than traditional “static manikin” methods, building long-term memory retention and the confidence to respond.



## What does the LOOP CPR System include?

The LOOP CPR system consists of the LOOP CPR Controller that plugs into a computer USB port, and the LOOP Learning System software that allows the device to be used as a CPR practice, feedback and gamification system.

## How does LOOP work?

LOOP works by sending sensor readings through the LOOP CPR Controller cable to the computer and then processing those readings with the LOOP Learning System software. The software then interprets the data to determine how LOOP will react. For example, it measures and scores user performance, determining whether the user is performing compressions, the quality of the compressions and more. In full CPR mode, LOOP can also detect ventilations (on select manikins).

## Does LOOP meet requirements for the AHA directive on feedback devices?

LOOP Metrics, in conjunction with the LOOP CPR Controller, provides real-time visual feedback on both compression rate and depth.

## How is the feedback provided?

LOOP Metrics provides realtime visual feedback on compression rate and depth. A radial display of red, yellow or green tells you if your rate is too slow (<100/min.), too fast (>120/min) or just right (100-120/min), and a graphical display of red, yellow or green bars tell you if your compressions are too shallow (<2 inches), too deep (>2.4 inches) or just right (2 – 2.4 inches).

## What can LOOP measure?

The hardware sensors in the LOOP CPR Controller can measure acceleration, 3D rotation/position, and other performance aspects of the skills practice session. The LOOP software can use any combination of this sensor data to provide feedback or in a game. As a result, LOOP can determine CPR chest compression rate and depth, as well as chest rise on ventilation (on select manikins).



## What software is included with the LOOP Learning System?

There are two selections in the LOOP Learning System software.

**Rhythm** – A CPR skills game that has been called “Guitar Hero for CPR skills practice.” Use the LOOP CPR Controller and match your compressions with video and music to reinforce proper CPR compression rate and depth. Earn points based on your compression accuracy.

**Metrics** – A more traditional interface that provides realtime feedback on compression rate and depth. Also provides summary data including compression fraction, average rate and depth and more.

## How do I use this system in my class?

The system is released as a CPR practice aid to increase student engagement with their CPR training experience. LOOP Metrics can be used during CPR compression skills practice to provide realtime feedback for students. LOOP Rhythm can be used as an icebreaker, during breaks or in class as a fun way to have students practice their CPR skills.

## Where else can LOOP be used?

LOOP can be used as a great way to gain people’s attention at trade shows and community health fairs, and to introduce people to CPR and show that CPR skills practice can be fun. As one way to encourage employees to practice their CPR skills, some companies are setting up contests with LOOP. As is the case with most CPR manikins, the LOOP CPR System is designed for use in all CPR practice venues. Let your imagination be your guide as you explore ways to use LOOP in your CPR practice.





## Is the system designed for verification and/or certification?

LOOP CPR is designed for use as a training-enhancement game, adding increased interaction and engagement to the CPR practice environment. Although the system does provide accurate and precise measurement of CPR skills, it is not specified for use in the verification and/or certification of CPR skills. It is a CPR practice, feedback and game system.

## What manikins can LOOP be used with?

LOOP can be used in compression-only mode with almost any adult CPR manikin that allows for chest compressions. It has been most extensively tested on manikins from Prestan, Laerdal Little Anne and SaniMan. For full CPR, LOOP will register chest rise to indicate ventilations. Due to the variation of how the chest rises on different manikins, ventilations do not register on all manikins.

## How rugged is the LOOP CPR Controller?

The LOOP CPR Controller has been extensively tested for resistance to wear and tear. We have developed a special testing system that subjects the sensor device to simulated CPR chest compressions in an automated fashion.

## Where do I get the LOOP Software?

After you register your LOOP Controller, you will be redirected to the LOOP Software download.

## Why do I have to register the serial number of the LOOP CPR Controller?

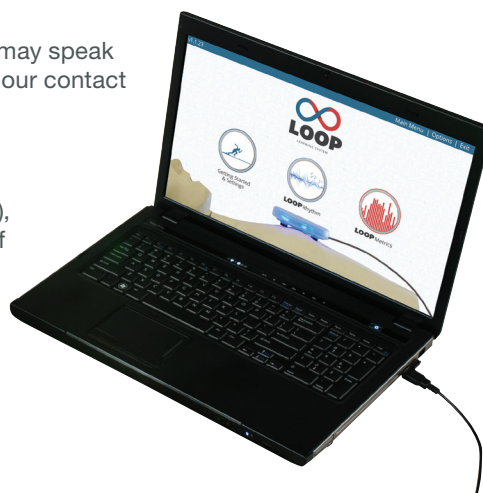
The combination of a unique serial number with your contact information is essential for us to maintain the quality of your LOOP system. This will allow us to alert you regarding updates in software or hardware, or any other important data that relates to your use of LOOP. We will never sell, trade, or misuse your contact information in any way.

## How can I purchase a system?

You can order your own system online by visiting [loopcpr.com](http://loopcpr.com) or you may speak with a representative about LOOP, please call us at 800.447.3177, use our contact form at [www.LOOPcpr.com](http://www.LOOPcpr.com), or email us at [GetLOOP@LOOPcpr.com](mailto:GetLOOP@LOOPcpr.com).

## System requirements

- Operating system (U.S. version): Windows 10, Windows 8 (not RT), Windows Vista, Windows 7, Windows XP (International versions of Windows software is not compatible)
- Available USB Port, USB 1.0 or higher
- Processor: Intel Pentium 4 or better
- RAM: 1GB or more
- Sound: SoundBlaster Support or equivalent



**Call 800-447-3177 or visit [LOOP.hsi.com](http://LOOP.hsi.com) to learn more.**