

What is an AED?

An automated external defibrillator (AED) is a medical device used on a person who suddenly collapses or becomes unconscious, which usually indicates they are in sudden cardiac arrest (SCA). The AED analyzes the victim's heart rhythm to see if a shock is needed to reorganize a disorganized heart rhythm. Regardless if a shock is advised, high-quality cardiopulmonary resuscitation (CPR) is also needed to help keep the blood flowing and help the victim regain consciousness.

AEDs prompt the rescuer through the process of the rescue, usually with voice, text and visual prompts. With a few hours of training, anyone can learn how to operate an AED safely.

Why AEDs are needed?

If a person drops suddenly in cardiac arrest, an AED can be used until the emergency medical services arrive. With SCA, time is a crucial factor. For every minute without getting defibrillation or high-quality CPR, the chances for survival decrease ~7 to 10%. This means after 10 minutes without help, very few people survive.

Why ZOLL's AED Plus

1. The AED Plus has **Real CPR Help®**, which provides real-time feedback on both rate and depth of chest compressions during CPR. With high-quality CPR, the chances of survival increase dramatically.
2. The AED Plus has the **lowest total cost of ownership** once installed. This means once the AED is installed, there is no cost for batteries and electrode pads – both last 5 years.
3. ZOLL provides a **total turnkey compliant AED Program**. ZOLL provides an AED management and training solution to effortlessly keep your customers compliant in their state.