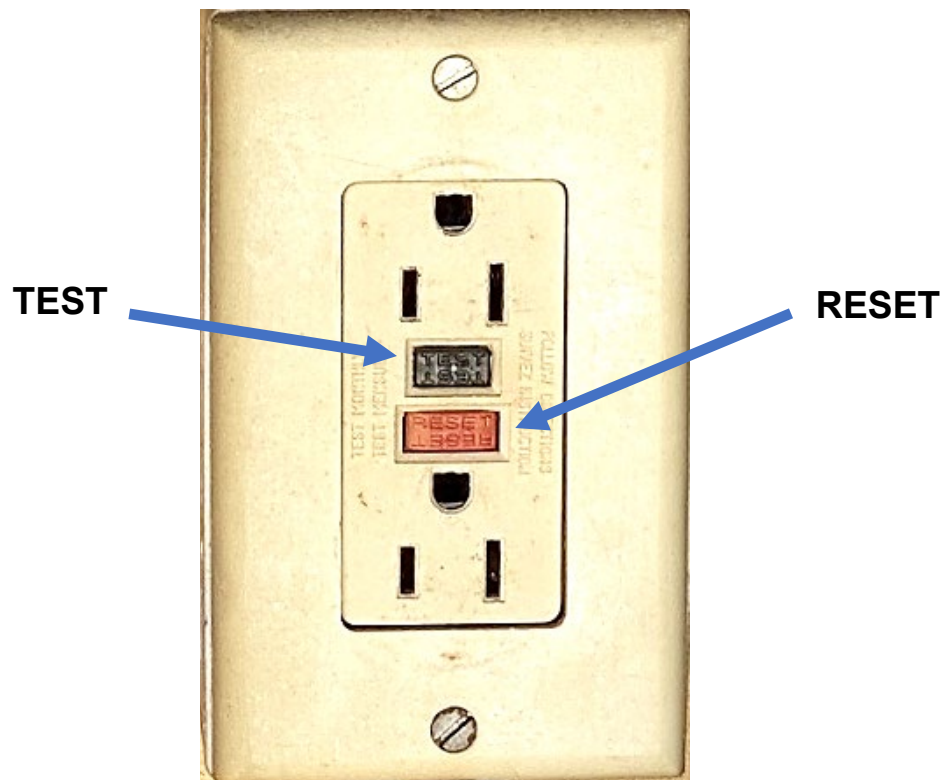


## GFCI – What is a GFCI?

A GFCI (Ground Fault Circuit Interrupter) monitors the current flowing through an electrical circuit to protect people from severe electrical shocks. The best example would be using a GFCI in a bathroom and running a hair dryer. The GFCI monitors the amount of current going to the hair dryer. If too much current starts to flow, the GFCI trips. If you happen to drop the hair dryer into a sink that's full of water, the GFCI will trip and protect you from electrical shock. In the technical world, if you are working outdoors and you have had to run extension cables for a set up (band stage, performances), and it happens to start raining – there is a good chance that any GFCI's that you are using will trip. Anytime it rains, water will usually find a way to get into the extension cords (and connections) and trip the GFCI or circuit breakers. It is recommended to use GFCI's when setting up outdoor sound systems for obvious safety precautions. A GFCI is not the same as a Fuse. A fuse heats up and burns out before the wires can start a fire. A GFCI reacts instantly when sensing any imbalance of current in the circuit.



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