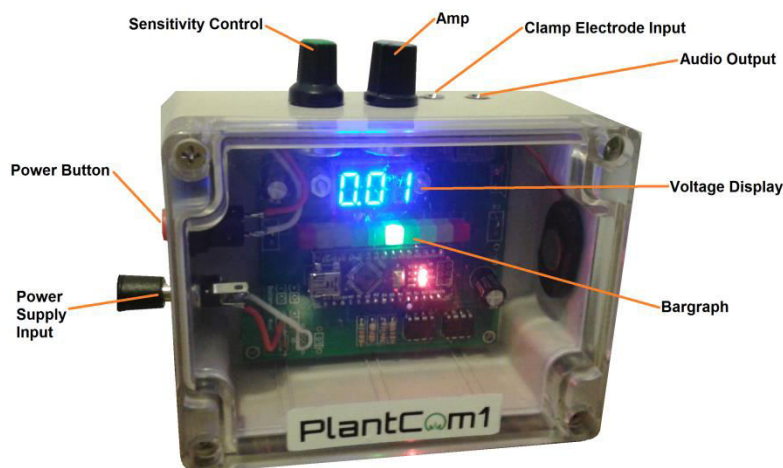


- 1) Assemble 5V 2A USB power supply
- 2) Plug in electrode probe clips
- 3) For indoor plants:
 - A: Clip probes onto 2 different leaves,
 - B: Clip both probes onto the same leaf, or
 - C: Clip one probe on a stem and one on a leafFor outdoor plants planted into the ground:
 - A: Clip both probes onto the same leafNote: We have observed the best results with indoor plants not connected to ground.
- 4) Push the power button
- 5) Look at the 3-digit voltage display, if the voltage is 0V, turn the amplification knob (Blue) clockwise until voltage is around 0.30V. If the voltage is already above 0V, just leave the blue knob all the way counter-clockwise.
- 6) Adjust sensitivity knob (green) clockwise for less sensitive, counter-clockwise for more sensitive, until your desired level of activity observance is reached. The higher the sensitivity level, the more chatty the PlantCom1 will be, and also the smallest changes can be observed. For long-term plant activity observance, adjust the sensitivity knob until the PlantCom1 only makes sound sparsely, this will allow you to observe only more major plant activities.
- 7) Now your PlantCom1 is set up and ready to observe plant behavior. You should rarely need to adjust the control knobs from here on, as the GSR is automatically centered for baseline readings.
- 8) The color Bargraph simulates the output of a polygraph.
- 9) The audio output jack is there so that you can either connect it to a stereo input for a louder sound or plug the audio output into a computer to record the sound waves and look for patterns.
- 10) EMF generating appliances may affect the experiment.
- 11) Feel free to log plant reactions, experiment results, observations, pictures and videos on PlantCom1s Facebook page: facebook.com/plantcom1

Thanks for joining the experiment



!