



#### NOTES:

1. The transistors have different markings, like **2T1** for the S9012 and **J6** for the S9014. If you mistaken them, the device will not work! We colored the tape red and green for you.
2. The 2 capacitors can easily be distinguished by their different shapes. If you mistaken them, the “afterglow-effect” will not work.
3. The comparator chip LM393 has (as usual) a dimple mark where **pin 1** is located. Align this mark with the dot on the PCB.
4. LEDs are polarized. The cathode **K** is where the fat bar is on the PCB footprint. See the pictures on our website for reference.
5. The electret microphone is also polarized. Align the mic’s **+** pin with **+** on the PCB.

#### ASSEMBLING:

Use solder paste and hot air soldering iron or just an electronics soldering iron with pencil-style tip and wire with flux core (0.6-1.0mm recommended). If you work with solder wire, apply a small drop to only one pad of each part, then place the part with your tweezers, hold it and re-heat the solder to affix the part. If everything looks great, like correct positions and rotations, solder the remaining pads. The microphone is assembled from the front side.

After finishing, connect the USB cable to your power supply and the pumpkin, and adjust the sensitivity to the level you prefer using a flat watchmaker screwdriver. Do NOT connect the pumpkin to a computer USB port before making sure it works as expected. A short circuit or other mistake in your assembling job could otherwise damage your computer.