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## Sound Activated Switch #1051

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### USER'S GUIDE



**For Technical Support:**

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### **Easily adjustable!**

This ultra-sensitive switch responds to a whisper or a loud clap. You can easily set the sound sensitivity to which the switch will respond. In the timed mode, you can adjust the length of time the switch will stay on after the initial activation (1-120 seconds). In the latch mode, the first sound will activate a switch closure and the second will disable it. In the momentary mode, the circuit is closed for the duration of sound detection. Size: 4½"L x 2¼"W x 1"H. Requires 1 9-V Battery. Weight: ¼ lb.

### **DESCRIPTION OF FEATURES:**

**ON-OFF:** The ON/OFF switch is used to turn the unit ON and OFF.

**SENSITIVITY CONTROL:** To adjust the sensitivity of the voice-activated switch, turn the knob marked sensitivity clockwise to increase sensitivity and counter-clockwise to decrease.

**MODE SELECTOR:** The selector switch is used to select one of the 3 modes of operation: Latch mode, Momentary mode, or Timed mode (See "Set up and operation").

**TIME CONTROL:** In Time mode this control is used to select the amount of time (from 0 to 120 seconds) that you wish the device to remain on after activation of the switch. Turn the knob clockwise to increase the duration and counter-clockwise to decrease.

**MICROPHONE:** The microphone is located on the top panel next to the sensitivity adjustment knob. This is where the voice output will be sensed.

**DEVICE OUTPUT JACK:** The cord with the 1/8" to 1/8" plug is used to connect a toy/device that has been modified for external switch use. One end of the cord plugs into the jack marked device on the sound switch, the other end plugs into your adapted device's input jack.

Do not submerge the unit, as this will damage the contents and the electrical components.

Do not use abrasive cleaners, as they will scratch the surface of the unit.

### **SET UP AND OPERATION:**

- 1) Turn unit over carefully to reveal the battery compartment. Install one 9-volt battery, observing polarity, and secure by pressing down into the clip.
- 2) Connect the toy/device to be controlled with the voice-activated switch via the 1/8" to 1/8" cord and the Device jack on the Sound Switch. Make certain that there are TIGHT connections between the device, cord and the Sound Switch. Any gaps in the connections will result in malfunctioning of the switch.
- 3) Turn the unit on and adjust the sensitivity to the desired level. Experiment with different settings until switch action is easily controlled.
- 4) Select Mode of operation:
  - a. **Latch Mode:** Turn the selector switch to the "Latch" position. Device will turn on with first voice activation and remain on until turned off by the next voice activation.
  - b. **Momentary Mode:** Turn the selector switch to the "Momentary" position. Device will turn on with voice activation and remain on only while the noise is sustained. Once the sound ceases, the toy/device will immediately turn off.
  - c. **Time Mode:** Turn the selector switch to the "Time" position. Device will turn on with voice activation, remain on for the duration of the cycle, and then automatically turn off.

### **TURN THE CONTROL UNIT OFF AFTER USE TO PREVENT BATTERY DRAIN.**