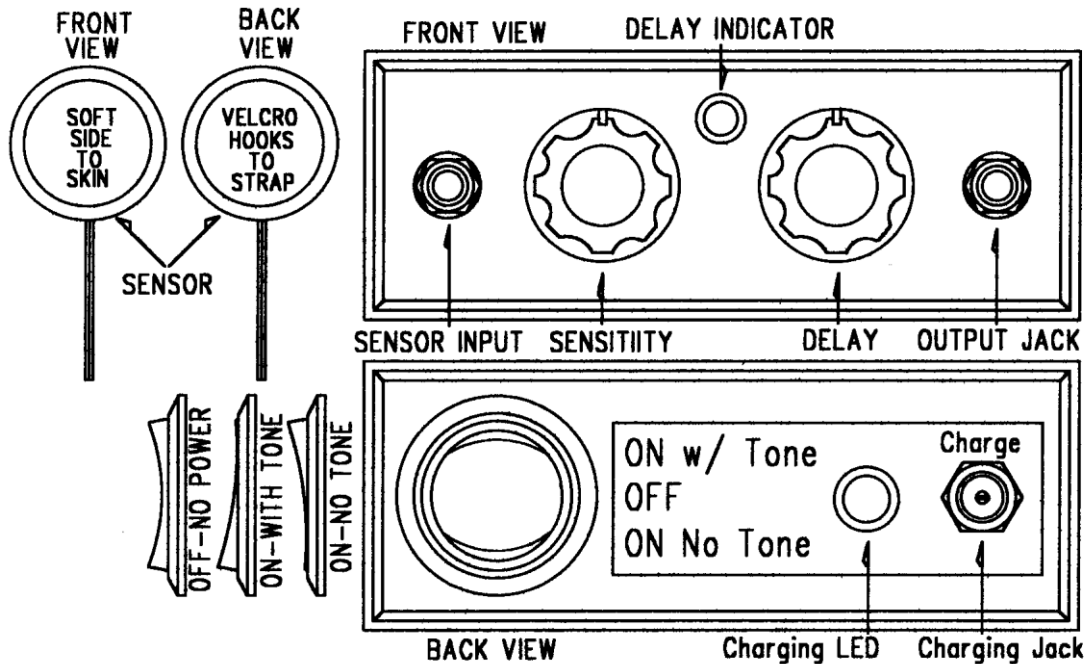


PROXIMITY SWITCH SSW-PS Piezo Switch

Function: The Piezo switch can be used on any body part where a controlled muscle twitch movement is present. Such as a temple, an eyebrow, a jaw or finger movement. The sensor is also activated by changes in temperature such as breath or touch. Adjustable sensitivities and delays enables the sensor to detect the slightest movements while ignoring involuntary ones as well as giving the user time to prepare for the next switch activation.

Usage: Use this sensor to detect muscle twitch movement of any degree that can be controlled to activate a switch. The types of appliances that can be activated include personal computers, communication systems, environmental controls, and toys.



Set-Up:

1. It is recommended that the Piezo Control Module be fully charged before using. The Piezo Control Module should be charged for at least 3 to 4 hours before using it. The Piezo Control Module is charging when the LED is RED and fully charged when the LED turns GREEN. The Piezo Control Module can be used while the unit is charging.
2. Connect one end of the 3.5mm cable into the appliance the user intends to operate.
3. Connect opposite end of the 3.5mm cable into the jack on the Piezo Control Module labeled OUTPUT JACK.
4. Set the power switch (see diagram above) to the desired mode: ON w/Tone (a beep sound will be heard each time the sensor is activated) or ON no Tone (no tone will be heard when the sensor is activated).

Sensor installation for movement:

1. Determine which body part the user has the most controlled movement with.
2. One of the two velcro stretch bands can be used to hold the sensor in place. The side of the sensor that has the velcro hooks on it will connect to the strap. The soft velcro side of the sensor is the side that will be in contact with the users skin. If the straps cannot be used, medical tape can be used to hold the sensor in place. Make sure that the sensor is secure and cannot move, there should be a snug fit. Also, the wire should be secured from moving as well or the sensor could be pulled out of position.
3. Plug the sensor into the jack labeled SENSOR INPUT on the Piezo Control Module.
4. Set the Sensitivity to the Mid-Range setting and have the user try to activate the switch.
5. Continue to have the user try to activate the switch and at the same time increase the sensitivity by turning the knob labeled SENSITIVITY clockwise until the movement can be detected. If needed, turning the SENSITIVITY knob counter-clockwise will decrease the sensitivity.
6. If there are problems with false triggering, the delay setting can be increased by turning the knob labeled DELAY clockwise.