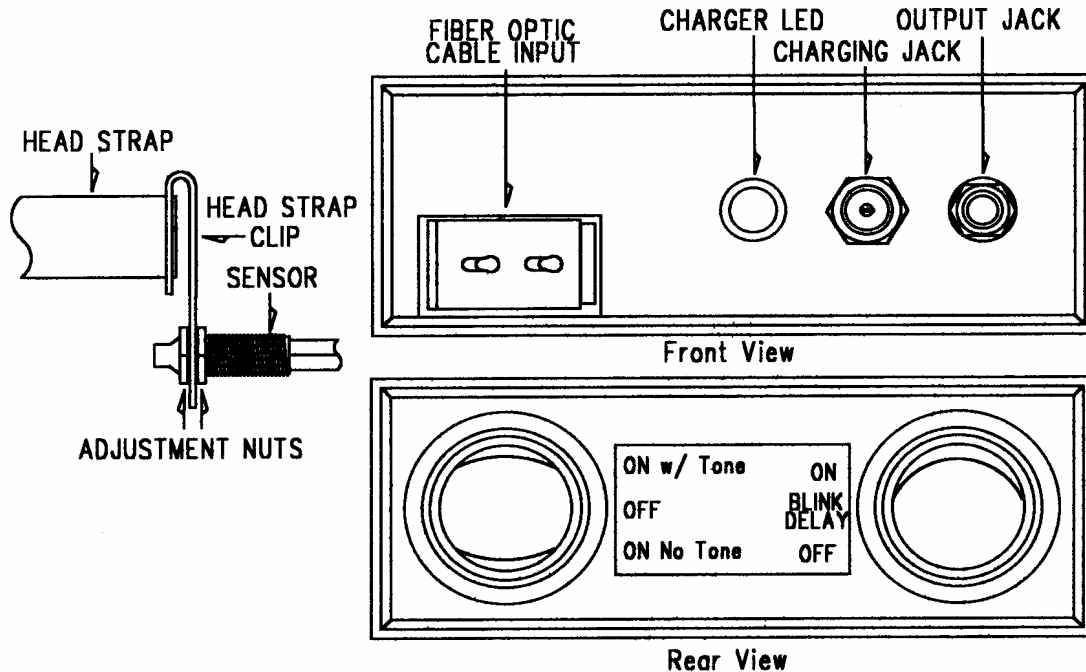


PROXIMITY SWITCH SSW-EB Fiber-Optic Eye-blink Switch

Function: The Fiber-Optic Eye-blink switch provides a switch closure when the user does a controlled purposeful eye blink, normal or rapid eye blinks are ignored (the Delay switch must be set ON). When the Delay switch is set in the OFF position, the Fiber-Optic Eye-blink switch can be used to sense any movement that passes through the fiber optic beam. The sensing range of the beam is a ¼”.

Usage: Use this sensor when an eye-blink is the only movement that can be controlled to activate a switch or when only small movements are available that requires no touch. The types of appliances that can be activated include personal computers, communication systems, environmental controls, and toys.



Set-Up for Eye-Blink:

1. It is recommended that the Proximity Control Module be fully charged before using. The Proximity Control Module should be charged for at least 3 to 4 hours before using it. The Proximity Control Module is charging when the LED is RED and fully charged when the LED turns GREEN. The Proximity 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 the opposite end of the 3.5mm cable into the jack on the Proximity Control Module labeled OUTPUT JACK.
4. Set the power switch 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).
5. Mount the Fiber-Optic sensor onto the plastic clip provided as shown in the diagram above.
6. Position the head strap onto the users head with the Fiber-Optic sensor near the side of the users eye that will be used to activate the switch.
7. Adjust the position of the beam such that it can be seen on the white part of the eye on the side closest to the ear.
8. Using the two ADJUSTMENT NUTS holding the Fiber-optic sensor onto the Head Strap clip, move the sensor closer or further away from the eye to a position that when the beam from the sensor that is pointed at the white part of the eye, just outside the eyelashes, activates the switch. Then back the sensor away slightly until the it is deactivated. Activation should only be achieved with a delayed purposeful blink.
9. Turn the Proximity Control Module OFF when not in use.

Battery: The Proximity Control Module has an internal 12Volt rechargeable battery. The battery should stay charged for about a week with normal usage, recharge as needed.