

# Self-Talker POP-801A/POP-801AP User's Guide

POP-801A = motion sensor model

POP-801AP = push button model

## INTERFACE

**9VDC JACK:** Use a 9V DC adaptor with a 2.1mm center-positive coaxial plug.

**BATTERY COMPARTMENT:** Use four "AA" batteries.

**EXT PUSH:** Push button connector.

**POWER/VOL:** Volume dial with power switch.

**SENSOR:** CdS motion sensor (POP-801A only)

## INSTALLATION

The motion sensor is light sensitive with a detection range of up to 8 feet. The sensor must "look out" through a hole at least the same size as the sensor hole on the enclosure. If the unit is installed behind a thick material, the hole should be larger or the detection angle will be narrower.

The sensor works best when someone is between the sensor and the light casting a shadow on it. If the lighting condition is poor, the sensor may not work properly. In this case, try mounting the unit in another location.

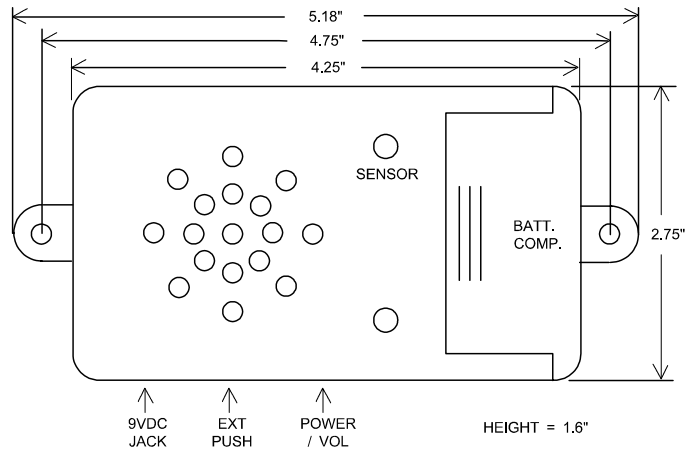
To minimize false triggering, avoid pointing the sensor to flickering light sources such as TV screens, flashing neon lights and etc.

For louder and cleaner sound, drill speaker holes on the display and match the hole pattern on the enclosure.

## OPERATION

The unit can be powered by either a DC adaptor or four AA batteries. The sound will be louder and cleaner if a DC adaptor is used. To use batteries, the internal jumper JP2 must be moved from the "NB" to the "B" position. When using batteries, the playback may start with a popping noise as the unit comes out of the shut down mode.

If the unit is programmed with multiple sound segments, they will be played sequentially (one per activation). After each activation, the motion sensor (if equipped) will be disabled for about one minute in order to avoid excess activations in high traffic areas. But the push button (if equipped) will not be disabled.



## USING BATTERIES

The playback will be louder and cleaner if the unit is powered by a DC adaptor. But if you prefer to use batteries, then you must move the internal jumper JP2 from the "NB" to the "B" position.

Battery life depends mainly on the following factors:

- amount of traffic (daily usage)
- battery type (Alkaline recommended)
- loudness of playback
- motion sensor (shorter life) or push button (longer life)

A very rough estimate on the battery life is two weeks for Alkaline batteries.

In order to save battery life, the unit shuts down the internal power amplifier when it finishes playing. As a side effect, this may cause a popping noise at the beginning of the next playback as the power amplifier is turned on. This drawback does not exist if a DC adaptor is used to power the unit.