Self-Talker ST-200A / ST-200AL / ST-200AS User's Guide

MODELS

ST-200A: with built-in motion sensor
ST-200AL: with long push button for back mounting
ST-200AS: with short push button for front mounting

PACKAGE CONTENTS

1 x Player Unit
1 x 5V DC Adaptor
1 x Mounting Bracket & Screws
4 x Rubber Feet

SPECIFICATIONS

Number of Messages: 1, up to 60 seconds
Message Storage: internal non-volatile flash memory
Power Supply: 5V DC adaptor or four AA batteries
Max. Output Power: 0.25W, with volume control
Physical Dimensions: 8" x 6" x 1.8"

OPERATION

Switch #1: Erase
Switch #2: Record
Switch #3: Play
Switch #4: Input Select

Remove the back cover to gain access to the inside of the unit. There is a LED light, 4 switches, a speaker volume knob, an audio input jack and a microphone element.

If the unit is playing the message, wait till it's over before recording a new message.

To record a new message using the built-in microphone, first make sure switch #4 is turned off. Then turn on switch #2 and speak into the built-in microphone. The LED will turn on to indicate that the unit is in the recording mode. When finished, turn off switch #2.

To record a new message from a CD/MP3 player, connect the player's headphone output to the input jack. Turn on switch #4 to select the input jack as the source, then turn on switch #2 to start recording. The LED will turn on to indicate the recording mode. When finished, turn off switch #2.

If the recording process is not manually terminated in 60 seconds, the unit will stop recording by itself. When this happens, simply turn off switch #2 to resume operation.

The unit has automatic gain control to keep the recording at the optimal level. However, the recording quality will be poor if the input is either too weak or too strong. In this case, re-record the message at a level adjusted accordingly.

Switch #3 is functionally equivalent to the push button on the ST-200AP: press it down once to start the message, press it down again to stop the message (if it's still playing).

Switch #1 can be used to erase the message without recording a new one. Simply turn it on momentarily to erase the message. The LED will blink twice to confirm the erasure. Note that one can record a new message without manually erasing the old one first. Therefore switch #1 is not used in most cases.

MOTION SENSOR

The motion sensor works by detecting changes of light intensity. The detection range is 2 to 8 feet depending on the lighting condition. The sensor must "look out" through a hole at least the same size as the sensor hole on the unit. If the unit is installed behind a thick panel then the hole should be even larger.

The sensor is most sensitive when someone walks between the sensor and the lighting source, casting a shadow on the sensor. Therefore the unit should be installed to facilitate this whenever possible.

Under poor lighting conditions (too dark or too bright) the sensor may not work properly. To minimize false triggering, avoid pointing the sensor to flickering light sources such as TV and flashing neon lights.

BATTERY LIFE

It is difficult to estimate the battery life which is affected by the following factors:

- activation frequency
- battery type (NiCad not recommended due to lower voltage)
- speaker volume (louder sound = shorter life)
- motion sensor (shorter life) or push button (longer life)

INSTALLATION

Front Mounting (Bracket in the Back)

With this option the unit is tamper proof as the back cover cannot be removed without dismounting the unit, but it's harder to adjust volume and change batteries. Stick four rubber feet on the back (one at each corner) so that the unit sits tight against the panel for a secure installation.

Back Mounting (Bracket in the Front)

With this option the unit is easy to service as the back cover can be easily removed without dismounting the unit, but it's not tamper proof if the back side is exposed. Stick four rubber feet on the front (one at each corner) so that the unit sits tight against the panel for a secure installation. Holes need to be drilled on the panel for the speaker and the push button (or the motion sensor).

Eletech Enterprise Co., Ltd. 108-2 Ming Chuan Road 6th Floor, Xindian, New Taipei City, Taiwan Tel: (2) 2218-0068
Eletech Electronics, Inc. 16025 Kaplan Avenue, Industry, CA 91744, U.S.A. Tel: (626) 333-6394 Fax: (626) 333-6494