

# **AS-2500-3 Remote Power Controller**

**Version 1.00**

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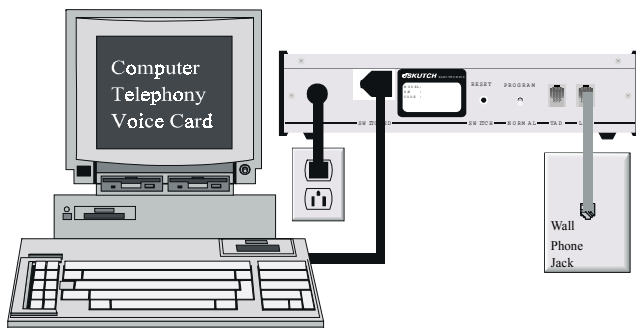
# Introduction

The AS-2500-3 allows a method of remotely controlling up to two different devices via the telephone lines. Both channel 1 and 2 may be turned "ON" or "OFF" as desired. The channel status is stored in a State-Of-The-Art EEPROM which means that the AS-2500-3 will retain the proper state of the channels even after long power outages. The EEPROM is capable of retaining information for up to 100 years without power. The unit features a 4 digit security access code that prevents non-authorized persons from controlling the unit. This code can be changed or verified by the user.

# Control outputs

- **Channel 1-an unfused, 110VAC, 3 prong power outlet, rated at 10 amps. This outlet can be used to directly control AC powered devices, including computers.**
- **Channel 2-an isolated (up to 1000VAC) relay contact closure, can pass AC/DC voltages (110VAC max.), 1/8" mini phone jack output, rated at 2 amps. This output is located on the back of the unit and is labeled RESET SWITCH.**

# Installation



- 1) The AS-2500-3 installs the same way as an answering device.
- 2) Connect the supplied modular cable to the back of the AS-2500-3 into the "LINE" jack. Note that the "TAD" jack is NOT used on this unit.

- 3) Connect the other end of the supplied modular cable to any standard telephone company line (RJ-11).
- 4) Connect the power cord to power.

# Program the Access code

The AS-2500-3 allows you to program your own four digit access code; do the following:

- 1) Place the PROGRAM SWITCH, on the back of the unit, to the PROGRAM position.
- 2) Call the telephone line, connected to the unit, from any touch tone capable telephone.
- 3) When the unit answers, you will hear a confirmation tone.
- 4) After the confirmation tone is finished, dial a touch tone \*; you will then hear a pulsating acknowledgment tone.
- 5) Enter your new four digit access code (the \* and # cannot be used in your access code); you will then hear a pulsating acknowledgment tone.

You can now verify your access code by going to Step 4 of VERIFYING YOUR ACCESS CODE, or you can hang up and place the PROGRAM SWITCH, on the back of the unit, to the NORMAL position.

# Verify the access code

- 1) Place the PROGRAM SWITCH, on the back of the unit, to the PROGRAM position.
- 2) Call the telephone line, connected to the unit, from any touch tone capable telephone.
- 3) When the unit answers, you will hear a confirmation tone.
- 4) After the confirmation tone is finished, dial a touch tone #.
- 5) The unit will play the access code to you through a series of BEEPS, i.e. the code 1 2 3 4 will give you: 1 BEEP, two second pause, 2 BEEPS, pause, 3 BEEPS, pause and 4 BEEPS (NOTE: you will get 10 BEEPS for a 0).

You can now program a new access code by going to Step 4 of ACCESS CODE

PROGRAMMING, or you can hang up and place the PROGRAM SWITCH, on the back of the unit, to the NORMAL position.

## Operation

For normal operation, the PROGRAM SWITCH, on the back of the unit, MUST be in the NORMAL position.

## Control access

- 1) To turn the control outputs on/off, do the following:
- 2) Call the telephone line, connected to the unit, from any touch tone capable telephone.
- 3) When the unit answers, you will hear a confirmation tone.
- 4) After the confirmation tone, enter your four digit access code; you will then hear a pulsating acknowledgment tone.
- 5) \* 1 --Turns Channel 1 ON.
- 6) # 1 --Turns Channel 1 OFF.
- 7) \* 2 --Turns Channel 2 ON.
- 8) # 2 --Turns Channel 2 OFF.
- 9) \* # --Verifies the current state of both channels.

## Verify channel states

You can verify the state of each channel by completing the steps in CONTROL ACCESS. When you enter \* #, the unit will give you: one LOW tone (this indicates channel 1), either one short HIGH tone (if channel 1 is off) or 10 short BEEPS (if channel 1 is on), two LOW tones (this indicates channel 2) and either one short HIGH tone (if channel 2 is off) or 10 short BEEPS (if channel 2 is on).

## Time-out

In ALL modes of operation, the AS-2500-3 will hang up if no touch tone is detected within a 15 second period.

## Short cut instructions

### • Program the Access code

- 1) PROGRAM SWITCH up, then call unit.
- 2) After the tone, enter \*, then your new access code (i.e. 1 2 3 4).
- 3) Hang up.
- 4) PROGRAM SWITCH down.

### • Verify the Access code

- 1) PROGRAM SWITCH up, then call unit.
- 2) After the tone, enter \* #.
- 3) The unit will give the access code in BEEPS.
- 4) Hang up.
- 5) PROGRAM SWITCH down.

### • Normal operation

- 1) PROGRAM SWITCH down, then call unit.
- 2) Enter your four digit access code.
- 3) Hang up.

## Tech Support - 916-786-6186

If you have any problems getting the unit to work properly feel free to give us a call. Technical Support is available between the hours of 7:30 AM and 4:30 PM Pacific Time, Monday through Friday.

## WARRANTY

This SKUTCH PRODUCT is warranted against defects for a period of one (1) year from the date of the original invoice. Within this period, we will repair it without charge for parts and labor. To

obtain warranty service the product must be returned, at the customer's expense, to SKUTCH Electronics along with a copy of the original invoice. After the unit has been repaired, SKUTCH will ship the PRODUCT back via UPS GROUND service at our expense. If any other form of return shipment is requested, the customer will pay for 100% of the shipping cost.

This Warranty does not apply if in the sole opinion of SKUTCH Electronics, the PRODUCT has been damaged by lightning or any other Acts of God, or by accident, misuse, neglect, or improper packing, shipping, modification or servicing by other than an authorized SKUTCH Service Center.

EXCEPT AS SPECIFICALLY PROVIDED IN THIS AGREEMENT, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND IN NO EVENT SHALL SKUTCH ELECTRONICS BE LIABLE FOR LOSS OF PROFITS OR BENEFITS, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER SIMILAR DAMAGES ARISING OUT OF ANY BREACH OF THIS WARRANTY OR OTHERWISE.