

# Housing Devices, Inc.

## ADA 121<sup>®</sup> Audio Visual Alert System (For the Hearing & Visually Impaired)

### STANDARD FEATURES:

- Vandal Proof 18ga. 304 Stainless Steel
- Dual Audio & Visual Alarms for the Hearing & Visual Impaired
- Adjustable Timer (Alarm)
- Push Button Rest Switch
- Push button On-Off Switch
- .750" LED Strobe Light (110 Candela)
- High Volume (90dbA) Piezoelectric alarm
- 16 Vac Wall Mounted Plug-In Transformer or 16Vac Hardwired Transformer
- Surface Mount
- Flush Mount
- Remote Units available for Multiple Location installations
- Telephone Interface
- Dual LED (door or phone)

### OPTIONS:

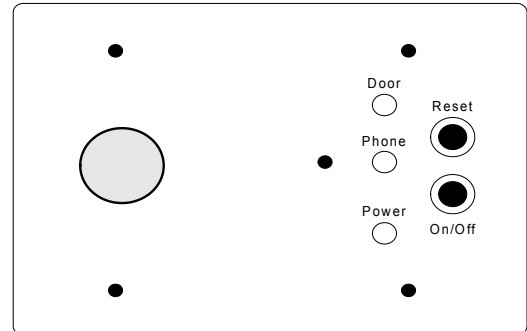
- White Powder Coating with black silk screened printing  
(\*Engraving not available on Powder Coated ADA-121)

### DESCRIPTION:

The ADA 121<sup>®</sup> is a modular device which enables people with visual and/or hearing impairments to be made aware of incoming telephone calls and/or when visitors to their residence are outside their front door and ringing the doorbell.

Resident awareness is stimulated via a very loud piezoelectric buzzer and a flashing strobe light. The length of the sound emitted and the strobe flashing may be adjusted from 1-60 seconds and can be RESET anytime in between.

The ADA 121<sup>®</sup> is designed to work with existing residential or building access control systems including: doorbell, intercom, telephone entry, and emergency call systems; as well as the standard telephone system (POTS).



### ADA-121

4.75"h x 6.5"w x .375"d

### SYSTEM OPERATION:

Pressing the ON/OFF button once will turn on the unit and power LED and then pressing it again will turn off the unit. When activated the unit will sound a 90dbA piezoelectric buzzer and illuminate a 110 candela flashing strobe light. Pressing the RESET button will stop the buzzer and strobe and reset the system for the next alarm.

Activation is accomplished by pushing the residence's doorbell, or depressing the appropriate residence intercom button, a telephone entry system, or by dialing the residence telephone number from a standard telephone system.

Each time the residence is contacted the ADA 121's buzzer will sound and the flashing strobe light will illuminate, notifying the unit's resident that someone is trying to contact them. Depressing the "RESET" button on the unit resets the ADA 121. Up to 5 ADA 121<sup>®</sup> remote units may be used together in a single system.

### MOUNTING SYSTEMS & DIMENSIONS

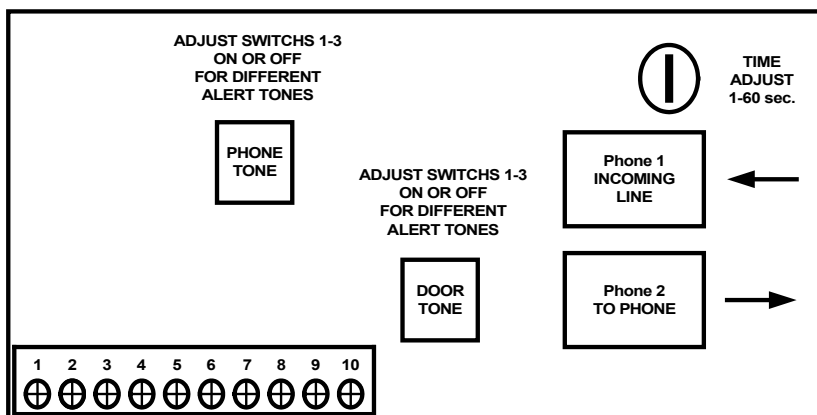
The ADA-121 is designed to be mounted surface or flush using a 3 gang old or new work box (flush mount), or a 3 gang Wiremold box (surface mount)

# HOUSING DEVICES, INC.

## ADA-121 AUDIO VISUAL ALERT SYSTEM INSTALLATION INSTRUCTIONS

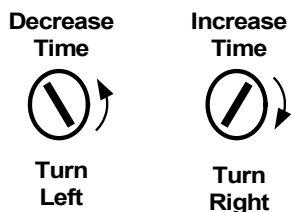
### Terminal Block 1-10 Connections

- Terminal 1 16 Vac input
- Terminal 2 16 Vac input or 24 Vdc (+) Pos.
- Terminal 3 (Not used)
- Terminal 4 Doorbell switch connection
- Terminal 5 Doorbell switch connection
- Terminal 6 Apartment Station Connection (Black wire)
- Terminal 7 Apartment Station Connection (Blue wire)
- Terminal 8 24 Vdc input (-) Neg
- Terminal 9 Remote Strobe Connection (+) Pos.
- Terminal 10 Remote Strobe Connection (-) Neg.



### Timer Adjustment

The timer adjustment is set by using the round white pot mounted on the top right corner of the circuit board.



### Telephone Connection

Connect the incoming phone line to the (Phone 1) INCOMING LINE RJ 11 Modular Jack, Then connect the line from the telephone to the (phone 2) TO PHONE RJ 11 Modular Jack

### Phone & Door Tone Adjustment

The ADA-121 uses 2 DIP switches to adjust the sound of the tone for the DOOR & PHONE six different audio tones can be heard by turning either of the three switches on or off (the volume of the tone is not adjustable)

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## NOTES

Terminal 1 & 2:

1. Maximum Voltage 16 -18 Vac

Terminal 4 & 5:

1. Momentary doorbell buttons only (NO lighted buttons, latching buttons, latching relays, power at the button, chime systems are not compatible)