

## MOVING THE TAMPER SWITCH

If you are fitting the unit horizontally you can rotate the AG6 so that the strobe is either left or right. In some installations this may mean that the tamper screw would be in the wrong position to tighten. The tamper switch and lid screw fixing clip may be unclipped from their mountings and moved to the opposite side of the base. Make sure that the tamper switch is secure before mounting the base.

### NOTE:

For correct operation make sure the **BATTERY LINK** is fitted.  
The **TAMPER** switch must be closed for the AG6 to get any power from the control panel. This will also power the LED. In the event that the bell box tamper is opened, this unit will send a tamper signal to the control panel and trigger a local sounder when the system is unarmed.

### Please Note:

IntelliSense are always endeavouring to improve quality and specification of all its products and may alter or amend this product and instructions without notice. All information is given in good faith but without warranty.



British Security Industry Association

**BSIA**



Certificate No CC106

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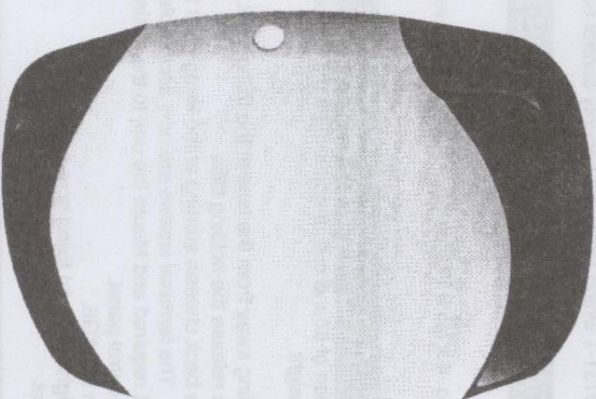
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# INSTALLATION INSTRUCTIONS



## AG6 EXTERNAL SOUNDER & STROBE





## WARNINGS

**STROBE CIRCUITS GENERATE HIGH VOLTAGES (350V). ALWAYS** make sure the unit has been disconnected from all external power for **at least 5 minutes** before removing ANY safety cover.

**WEAR** hearing protection when close to a sounder.

**ALWAYS** observe safety precautions with regard to ladders.

**NEVER** put screwdrivers or other sharp objects in pockets – **ALWAYS** wear a tool belt.

**PLASTIC BAGS** can suffocate – **ALWAYS** dispose of safely.

## STANDARDS

This unit conforms to EMC directive 89/336/EEC & LVD 73/23/EEC. This unit has been tested to the required standards for emission, immunity and LVD regulations as set out by the EEC. This unit complies with EN50131-1 which relates to security control equipment.

## STANDARDS PARTS LIST

- 1 X AG6 Sounder
  - 1 X Accessory bag containing 4 x No 8 Wallplugs, 4 X 2" No 8 screws, Lid screw, Screw cap
- This instruction manual

## INSTALLATION OVERVIEW

To obtain maximum distribution of sound output and reduce the risk of tampering attempts install the AG6 at first floor height.

1. Remove the cover by pulling away from the lens at the fixing point, note: the plastic may have to be bent slightly to release the holding tabs.
2. Release the lens from the back chassis starting at the fixing point by bending slightly to release the locating tabs. The terminal screws are now accessible.
3. Move the tamper switch if required and Mount the unit to the desired surface.
4. Connect the AG6 to the control panel.
5. Connect the BATT link on the AG6.
6. Replace the covers and tighten the lid fixing screw.
7. Power up the control panel.

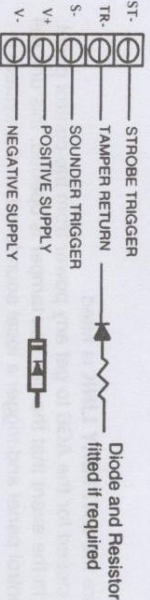
## CONNECTIONS

AG6	TR - Negative Tamper Return	V - Negative Supply	ST - Negative Strobe Trigger	V + Positive Supply	S - Negative Sounder Trigger
SECURIT 800 Series	R -	V -	ST -	V +	S -
ARITECH CS350	17	16	7	4	5
VERIFIER 6	TAMP RET	- VE HOLD	- INT BELL	+ EXT BELL	- EXT BELL
ADE	SCO	SCB -	STR	BELL +	BELL -
MENVIER	BELL TAMP	0V	STB	BELL 12V	BELL TRG
OPTIMA XL4	A	T	STROBE -	D	B
TEXECOM	C	D	STR	A	B
SCANTRONIC	TR	0V	STR NO -	12V +	BELL NO -
PARAGON PLUS	BT	B -	STB -	B +	BA

## NOTES ON CONNECTIONS.

For panels without a strobe output link the ST - to the S -.

When connecting the sounder to panels designed for use in Eire (Ireland), for example the Verifier 6 or Aritech, a diode should be installed as shown below.



## TECHNICAL INFORMATION

### HOLD OFF SUPPLY

13.65Vdc nominal 12.0 to 14.5Vdc

### LOAD CURRENT

20mA nom. Quiescent.  
260mA Max. combined sounder and strobe.  
125mA Max. strobe only.

### SOUND OUTPUT LEVEL

110dB @ 1m nominal (Supply & Mounting Dependant)

### BATTERY

6.0v, 280mAhr Nicad. Automatic charging from hold off supply. Design life = 5 years at 20°C nom. Minimum of 3 alarms from fully charged battery without recharge.

### TEMPERATURE RANGE

- 20°C to + 40°C (- 4°F to + 104°F). Operating & Storage

### TRIGGER CONDITIONS

Automatic reset occurs when trigger clears

### HOLD OFF

Loss of hold off supply

### S-

Negative Trigger (- V applied)  
Trigger occurs when terminal voltage is less than 3.5v.  
Maximum load 1.0mA

### TAMPER DETECTION TAMPER OUT

Wall & Cover  
Normally closed negative tamper return

### LED 1

RED: Normally on ( With battery link fitted & supply on )

### CUT OFF TIMER

Auto alarm cancel within 15 minutes nom. ( Sounder Only )

### STROBE TRIGGER STROBE

- V applied  
0.6 Joules per flash. 1 flash per second nom. @ 13.65Vdc.

### DIMENSIONS

H 55 mm W 200mm D 300mm

### WEIGHT

840 grams Gross