

INSTALLATION INSTRUCTIONS



AG6
EXTERNAL SOUNDER & STROBE

CE

WARNINGS

STROBE CIRCUITS CARRY HIGH VOLTAGES (350 volts.) **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 ladder use.

Plastic bags can suffocate - always dispose of carefully.

NEVER put screwdrivers or other sharp objects in pockets - **ALWAYS** use a tool belt.

STANDARDS

This unit has been tested to the required standards for emission, immunity as set out by the EEC (ECD 89/336/EEC). This unit complies with EN50131-1 which relates to security control equipment.

STANDARD 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 Part No F-051-599-00.

INSTALLATION OVERVIEW

Here is a brief description of a typical setup and installation procedure for the AG6.

1. Mount the unit to the desired surface.
2. Connect the AG6 to the control panel.
3. Connect BATT link.
4. Replace covers and tighten the tamper screw.
5. Power up the control panel.

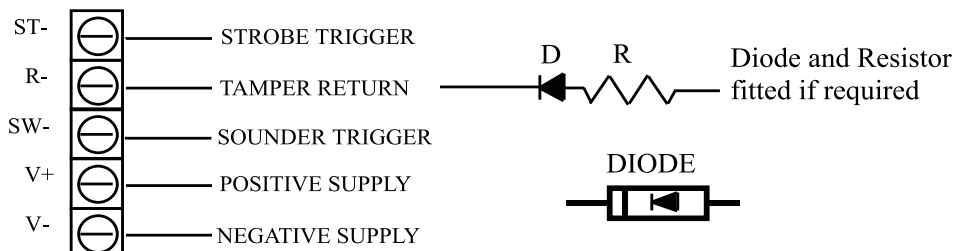
CONNECTIONS

AG 6	R- Negative Tamper Return	V- Negative Supply	ST- Negative Strobe Trigger	V+ Positive Supply	-SW Negative Sounder Trigger
SECURIT 800 Series	R-	V-	ST-	V+	S-
SECURIT 703	R-	0V (NOTE 1)	ST-	BELL+	NO
SECURIT 700L	R-	BELL-	ST-	BELL+	S-
BRAVO 700	R-	BELL-	ST-	BELL+	S-
ACTIVE 5X	21 (NOTE 2)	20 (NOTE 3)	ST-	BELL+	S-
ACTIVE 4	13 (NOTE 2)	12 (NOTE 3)	ST-	BELL+	S-
724 / 764	TAMP RET	V-	INT BELL-	AUX+	EXT BELL-
ARITECH CS350	17	16	7	4	5
VERIFIER 6	TAMP RET	-VE HOLD	- INT BELL	+ EXT BELL	- EXT BELL
ADE	TRO	SCB-	STR	BELL+	BELL-
MENVIER	BELL TAMP	0V	STB	BELL 12V	BELL TRIG
OPTIMA XL4	A	T	STROBE-	D	B
TEXECOM	C	D	S	A	B
SCANTRONIC	TR	0V	STR NO-	12V+	BELL NO-
PARAGON PLUS	BT	B-	STB-	B+	BA
CHALLENGER 5	C	A	ST-	D	B

NOTES FOR TERMINAL CONNECTIONS.

- 1) Link the terminal marked COM to 0V terminal at the panel.
- 2) This should be wired in series with all other tampers and then connected to the pin shown.
- 3) This connection should be the start of the tamper loop and is also used as HOLD OFF negative.

When connecting the bell box to a control panel designed for use in Eire (Ireland) for example the Verifier 6 or Aritech, a diode should be installed as shown below. For panels without a strobe output, Link the ST- to the SW- .



TECHNICAL INFORMATION

HOLD OFF SUPPLY	13.65Vdc nominal 12.0 to 14.5Vdc.
LOAD CURRENT	35mA nom. Quiescent. 260mA nom. Combined sounder and strobe. 125 mA nom. Strobe only.
SOUND OUTPUT LEVEL	110dB @ 1m nom (Supply & Mounting Dependant)
BATTERY	6.0v, 280mAh Nicad. Automatic charging from hold off supply. Design life = 5 years at 20°C nom. Minimum of 3 15 minute alarms from fully charged battery without recharge.
TEMPERATURE RANGE	-20°C to +40°C. 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 retaining screw Normally closed negative tamper return
CUT OFF TIMER	15 minutes nom. (Sounder Only).
STROBE TRIGGER STROBE	-V applied 0.6 Joules per flash. 1 flash per second nom. @ 13.65Vdc.
DIMENSIONS	H 55mm W 200mm D 300mm
WEIGHT	Gross 840 grams

MOVING THE TAMPER SWITCH

If you are fitting the unit horizontally, you can rotate the AG6 so that the strobe is either to the left or right. However, this would mean in certain cases the tamper screw would be awkward or in the wrong position to tighten. To remove this potential problem, the tamper switch can simply be unclipped from its mounting pins and moved to the opposite side of the base. Make sure 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.

NACOSS Regulations.

This unit will conform to NACOSS regulations when installed correctly: 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 .

This product is manufactured to ISO 9001 quality assurance and complies with all relevant standards as set out for EMC. This product is **Year 2000 compliant**.



Certificate No CC106

Please Note:

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