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AZ-TECH
EXTERNAL SOUND UNITS

CONTENTS

Page 2	External Sound Unit Introduction Selectable features
Page 3	Mounting the External Sound Unit Installing the External Sound Unit
Page 4	Set-up and Operation
Page 5	Indications of Alarm status Installing Multiple Units
Page 6	Safety, Servicing & Warranty
Page 7	Technical specifications, conformances & Gradings
Page 8 - 9	Wiring Guide for popular Control Panels
Page 10	Installer Registration Form

INSTALLATION GUIDE

EXTERNAL SOUND UNIT - INTRODUCTION

Your Aztech Sound unit has certain selectable features, it is recommended that you familiarise yourself with these and their operation prior to commencing installation.

Battery ON / OFF:

Your Sound unit has its own on-board Nicad battery. This enables it to operate independently of the main control panel should disconnection occur (ie. during an attempt to disable the unit).

When the battery jumper is in the **OFF** position the battery is isolated, the Sound Unit will not operate unless it is connected to the Control Panel and a 'hold-off' voltage is present.

When the battery jumper is in the **ON** position the battery is connected to the circuit allowing SAB / SCB operation and trickle charge of the battery when a 'hold off' voltage is applied.

SAB / SCB:

SAB: (Self activating Bell unit). The standard sounder operating mode providing maximum sounder volume. Upon sounder activation, current is drawn from the control panel, unless 'hold off' voltage is removed (ie. upon power disconnection from the control panel during an attempt to disable the unit).

SCB: (Self contained Bell unit). In this mode, upon sounder activation current is drawn only from the on-board Nicad rechargeable battery, not from the Control Panel. This is ideal when using secondary sounders so that you do not overload the Control panel or power supply current load capacity. Sounder volume is reduced in this mode.

Timer Select: 15 Min / 9 Min / 5 SEC

The sounder cut-off time is selectable . 15 or 9 minutes 'cut-off' and 5 second test mode are provided. The test mode is utilised upon initial set up in order to minimise sounder operating time, thus enabling the engineer to work on the unit with minimal noise.

Indications of Alarm status

The on-board Twin LED's indicate the current status of the Bell Unit and the nature of any Alarm trigger that has occurred.

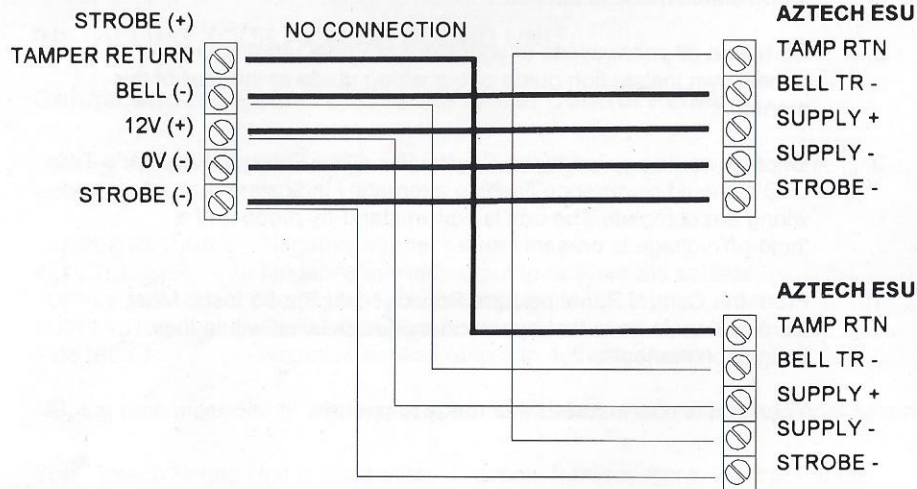
1. Alternate flashing LED's - Indicate that the Bell Unit is in stand-by mode ready to operate.
2. Simultaneous flashing LED's giving **two** pulses indicates an Alarm trigger resulting from a tamper or activation.
3. Simultaneous flashing LED's giving **three** pulses indicates an Alarm trigger as a result of power disconnection from the Control Panel. ie. as a result of someone cutting the connecting cable to the Sound Unit or due to total loss of Power to the Control panel.

Installing Multiple Units.

If more than one Sound Unit is to be connected to an installation then the current consumption may exceed the maximum load rating of the Control Panel or Power Supply. Selecting the **SCB** function (as previously described) on secondary units can overcome that problem.

Connections For 2 x AZTECH SOUND UNITS

Generic Control Panel connections



SAFETY

Installation and maintenance should only be carried out by qualified personnel.

All strobes generate high voltages which can remain for some time after the supply has been removed. **NEVER** activate the strobe whilst the PCB is outside of its protective case.

For maintenance purposes, should you need to access the circuit by removing the PCB protective case, avoid touching that part of the circuit labelled '**WARNING HIGH VOLTAGE**' to eliminate the risk of electric shock.

SERVICING

If you need to access the External Sound Unit for maintenance purposes, ensure that the Control Panel is in DAY or UNSET mode. Lift the front cover from the Sounder. You can now work on the Unit without it sounding. (Any internal sounder on your system will activate at this point and will need to be deactivated from the control panel if necessary).

Most Control Panels have their own method of testing the strobe and siren which should be utilised. Failing this simply arm the system and cause an alarm activation to confirm correct operation of the External Sound unit.

Temporarily disconnect the positive supply to the unit at the Control Panel to confirm that the sounder self activates.

Replace the Sounder's cover ensuring that the battery jumper is in the **ON** position and the timer jumper set to **9** or **15** minutes as required.

WARRANTY

This product is warranted free from defects caused by design or manufacture for a period of two years from date of manufacture.

Provided that the goods have not been modified, altered or misused in any way, the company guarantees at its sole discretion to refund the price of, replace free of charge or to repair said faulty goods.

The external Sound Unit does not constitute a complete alarm system, merely a component part thereof, and Kinetic Products Limited cannot accept responsibility or liability for any damages claim whatsoever based on a claim that the unit failed to function correctly.

Connections For **ADE** Control Panels including:
Accenta, Optima, Compact, Logic 4 etc.

STROBE + NOT CONN.	AZTECH ESU
SCB T <u>WHITE</u>	TAMP RTN
BELL - B <u>YELLOW</u>	BELL TR -
BELL + D <u>RFD</u>	SUPPLY +
SCB A <u>BLACK</u>	SUPPLY -
STROBE - <u>GREEN</u>	STROBE -

Connections For **CASTE CARE-TECH**
Control Panels.

AZTECH ESU	
SABT	TAMP RTN
BELL	BELL TR -
+ HO	SUPPLY +
- HO	SUPPLY -
STR	STROBE -

Connections For **ADEMCO**

Accord,

Vista 4115UXM

AZTECH ESU		
Bell Tamp - R	TR (Zone 9)	TAMP RTN
Bell -	Bell -	BELL TR -
Bell +	12V +	SUPPLY +
Bell Tamp -	0V (Zone 9)	SUPPLY -
STB-	STB-	STROBE -

Connections For **DA**
Control panels.

AZTECH ESU	
AT	TAMP RTN
BELL	BELL TR -
+ HD	SUPPLY +
OV	SUPPLY -
ST	STROBE -

Connections For **GARDINER TECHNOLOGY**
300, 500, 800 Control panels.

AZTECH ESU	
STROBE + NOT CONNECTED	
SAB TAMP	TAMP RTN
BELL -	BELL TR -
BELL +	SUPPLY +
BELL HOLD	SUPPLY -
STROBE -	STROBE -

Connections For **CK, Challenger**

Bravo 700

ST802

ST700L / ST800L,

AZTECH ESU			
R	R	R -	TAMP RTN
S	S -	S	BELL TR -
Bell +	Bell +	Bell +	SUPPLY +
V -	Aux -	Bell -	SUPPLY -
STB-	ST-	ST-	STROBE -

Connections For **MENVIER**
TS500 Control Panels.

AZTECH ESU	
TRG -	TAMP RTN
BELL TR -	BELL TR -
HO+	SUPPLY +
HO -	SUPPLY -
SB	STROBE -

Connections For A1 **OMNICON & MICROMARK**
Control Panels.

AZTECH ESU	
STROBE + NOT CONNECTED	
SCB RT	TAMP RTN
BELL -	BELL TR -
BELL +	SUPPLY +
SCB A	SUPPLY -
STROBE -	STROBE -

Connections For **PYRONIX**

Paragon E,
Conqueror,

Paragon Plus,
Sterling 10

Paragon Super,

AZTECH ESU			
BT	BT	BT	TAMP RTN
BA	BA	BA	BELL TR -
B+	B+	S+	SUPPLY +
S-	B-	B-	SUPPLY -
STB-	STB-	STB-	STROBE -

Connections For **SCANTRONIC**
Control Panels.

AZTECH ESU	
TR	TAMP RTN
BELL	BELL TR -
12V	SUPPLY +
0V	SUPPLY -
STR -	STROBE -

Connections For **TEXECOM & REGAL SAFE**
Veritas, Compact, RB, Regant.

AZTECH ESU	
C	TAMP RTN
B	BELL TR -
A	SUPPLY +
D	SUPPLY -
S	STROBE -

CONNECTION RECORD

CONTROL PANEL

COLOURS

AZTECH ESU	
.....	TAMP RTN
.....	BELL TR -
.....	SUPPLY +
.....	SUPPLY -
.....	STROBE -