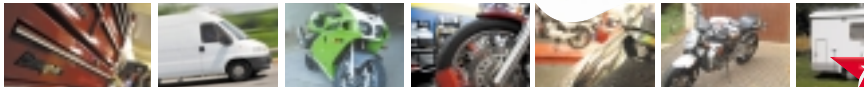


Operating Instructions

Portable Alarm System

Worldwide text alerts
& monitoring for your:

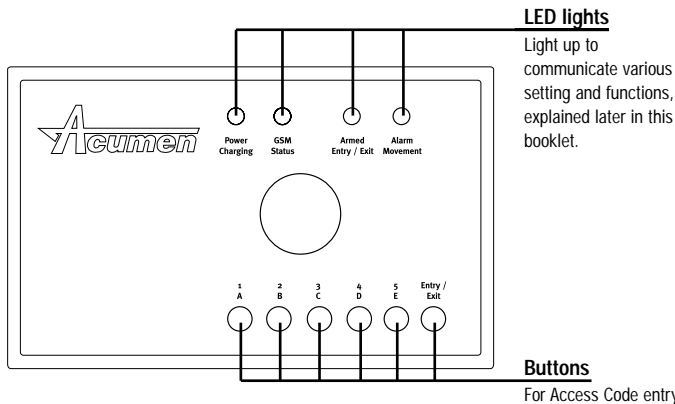
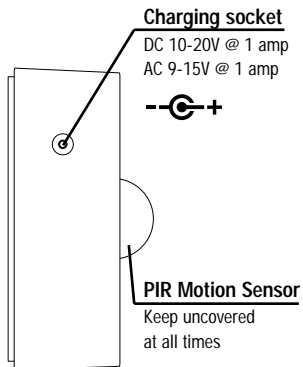
- Garage
- Workshop
- Lock-up
- Trailer
- Van
- Home, office and more



Contents

- 1 Explanatory diagrams
- 2 What does my Acumen PAS do?.....4 - 5
- 3 Quick set-up6 - 11
- 4 Arming & Disarming - manually or by SMS message ...12 - 15
- 5 Sending SMS Commands & their Responses16 - 23
- 6 Receiving SMS Alerts24 - 25
- 7 **Quick reference list of all SMS Commands**26 - 27

Please unfold this flap and refer to diagrams during system set-up



Useful information: (optional)

Your Acumen PAS unique TAG number: _____ Access Code hint (optional): _____

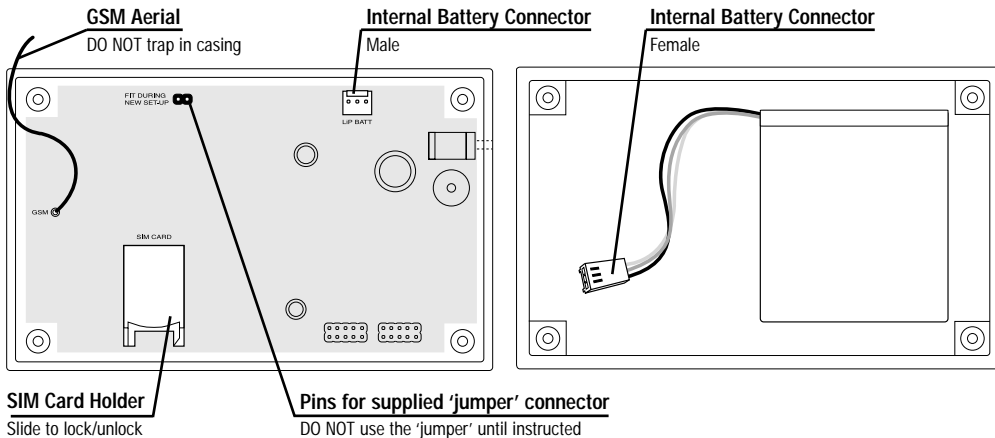
Location address of your acumen PAS: _____

Your mobile's 'Response Number': _____

2nd mobile number?: _____

1 Inside the main unit:

Inside the lid:



Simple Glossary:

Response Number.....The mobile phone number you've chosen to which the Acumen PAS Alert Messages will be sent.

TAG NumberThe unique ID of your Acumen PAS unit

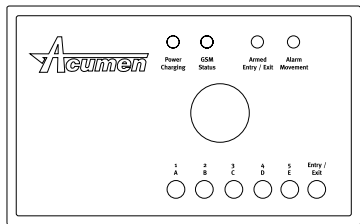
PIRPassive InfraRed detector (the dome on the front of the unit)

SMS.....A text message sent / received by your mobile phone. Abbreviation of Short Message Service.

Before you begin...

...check you've got everything you need.

Your package should contain the following items:



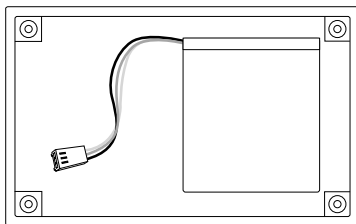
1 x PAS Unit

Please check that no parts are damaged or missing before proceeding.

If there is a problem, please call:

+44 (0) 1264 310010 or visit:

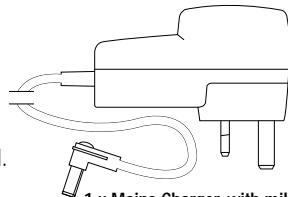
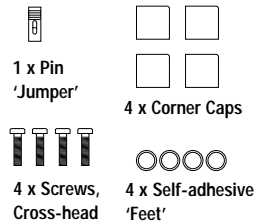
www.Acumen-Electronics.co.uk



1 x Lid with Internal Battery attached

You will also need:

- A fully functioning mobile phone with your normal SIM card inserted.
- A new blank SIM card. This will go in the PAS unit.



1 x Mains Charger, with multiple UK, European, US adaptor

2 What does my Acumen PAS do?

Your Acumen PAS (Portable Alarm System) is an advanced, portable, tilt, intruder and temperature detection device, with world-wide coverage.

It will alert you by **SMS** (a standard text message - an abbreviation of Short Message Service) sent to your mobile phone, or to a dedicated web site where you can view alerts through your browser.

Physically moving the unit or its surrounding environment (Tilt), or any movement within the range of its domed PIR sensor (Motion) for a few seconds or more, will start the alert function countdown. This can be terminated if the correct Entry / Exit Code is keyed in within 20 seconds. If not, an SMS message is sent to your mobile phone, alerting you to the type of disturbance that has been sensed (Tilt or Motion).

You will find out in Chapter 5 how to adjust the sensitivity of these sensors, and other features, using SMS Commands.

When fully charged, and disconnected from its mains charger, the unit's internal battery can last for up to 6 months, depending on its configuration. Internal battery life will reduce if you make your PAS send and receive frequent messages (see our SMS Commands options in chapter 5).

If the unit's internal battery runs low, a warning SMS message is sent, ('Low Battery' alerts can be switched off once you have received the first one, if you so choose - see page 25). If internal battery life deteriorates enough to affect the unit's performance, a final warning SMS is sent and the unit will shutdown and become non-operational.

Plugging in the mains charger at this stage will immediately restore the unit to its pre shut-down fully-operational state, and within 6 hours, the internal battery will be fully charged.

Alternatively, the unit can be left permanently connected to the charger. This can be advantageous for 2 reasons:

- There will be no 'battery level alert' SMS messages sent to your mobile phone - and possible eventual unit shutdown - as a full charge will be maintained continuously.
- When sending certain 'SMS Commands' to your PAS (see chapter 5), your unit will send a confirmation 'reply' within 20 seconds, (depending on local network conditions). If your

PAS is running on internal battery power only it may take up to 1 hour to receive and respond to your commands. 1 hour is the default setting when running on internal battery - you can however, override this by sending an 'SMS Command' to the unit to shorten or lengthen this time (see chapter 5), although this will affect the internal battery life.

Your Acumen PAS comes with a 1 year warranty included. For an extra 2 years, please complete the enclosed Extended Warranty form within 3 months of purchase.

Whether employed to watch over your garage, lock-up, workshop or second home, we are confident that if treated well, you will enjoy many years of faithful service from your Acumen PAS.

3 Quick set-up

In this chapter we will teach your Acumen PAS the mobile 'Response number' (see right) of your choice.

We will then set up a secure access code that you will use for arming / disarming the unit.

Your Acumen PAS will then be able to operate in 'default mode', performing basic tasks suitable for most situations.

This is all you need to know for a basic, quick-start set-up. For more complex programming, please refer to chapter 5.

In the following pages, we will refer to a **'Response Number'**. This will be the mobile phone number to which your PAS will send it's alert text messages, (and therefore must be for a phone capable of receiving text messages - land-line numbers may have unpredictable results).

Typically, this should be a mobile phone that you keep on, or near you most of the time, so as not to miss any alerts sent by your Acumen PAS.

PLEASE NOTE:

We use a fictional mobile Response Number: 07777 012345 and unit TAG number: 987654 (in blue) for illustration purposes throughout. Please use your own genuine numbers in these places.

Important 1: Ensure the SIM card you are going to use in the PAS unit is clear of all previous numbers and text messages **AND** has sufficient credit if it is Pay-as-you-go, or is a current contract SIM. Most customers will simply buy a new SIM card for this task.

Important 2: Ensure the PIN security of this SIM is not active. (The PAS does not use a PIN, and you may well block the SIM card if a PIN has been entered and activated in the SIM).

Important 3: When sending messages to your PAS, the SIM card phone number must be entered in International Format.

For example: A mobile number such as:

07777 012345

must be entered (with no spaces) as:

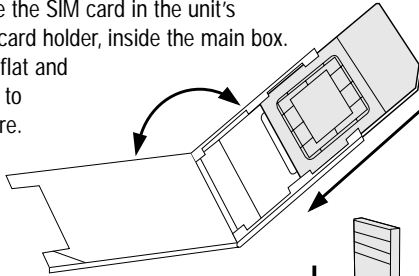
+447777012345

If the Response Number is for a different country, then replace 44 with the appropriate country code. Once your PAS has replied, you can simply add it's contact details to your address book as, for example, 'Acumen PAS'.

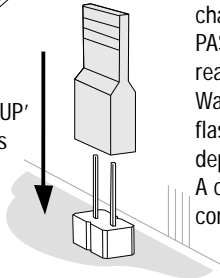
It may be useful to fold out this booklet's inside front cover, and refer to the diagrams illustrated there.

Take your new / blank SIM card and...

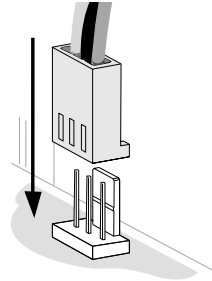
1. Ensure the PAS's internal battery is not connected and that no charger is attached.
2. Place the SIM card in the unit's SIM card holder, inside the main box. Fold flat and slide to secure.



3. Attach the supplied 'jumper' to the pins marked 'FIT DURING NEW SETUP' on the circuit board. Ensure it slides all the way down.

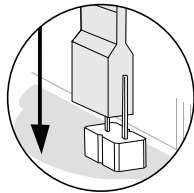


4. Connect the internal battery.



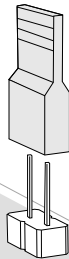
5. Watch the Yellow 'GSM Network' LED light on the front of the unit. It will flash once a second, changing to once every three seconds, as the PAS runs through its own internal checks and reads the SIM card. Wait until the Yellow 'GSM Network' LED stops flashing. This can take a few minutes, depending on signal strength. A continuous 3 second tone will indicate completion of this step.

6. Remove the 'jumper' from the pins marked 'FIT DURING NEW SETUP'.



Tip: Slip the 'jumper' on to just one of the pins for safe storage.

7. Disconnect the internal battery, wait for 10 seconds, then re-connect.
8. The PAS unit will now re-connect to the GSM Network. Watch the Yellow 'GSM Network' LED light on the front of the unit. It will flash regularly and beep regularly until step 9 (Activation) is completed.



9. **IMPORTANT:** To activate your PAS, now send this SMS message to your PAS's SIM card phone number: (this must be in international format - see page 7):

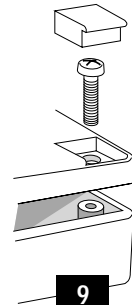
Activate

When your PAS receives this message, it will beep 4 times, then confirm activation by sending you:

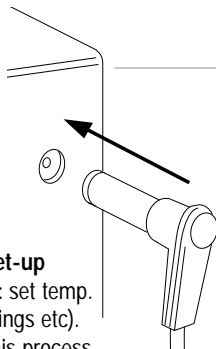
**Unit TAG 987654 activated :
Battery= x.xxV : Charger=0FF
(or 0N) : Network Signal
Strength= xxxdBm**

(Explanation of above on page 11)

10. Fit the back cover, using the screws and four corner covers supplied, taking care not to trap the GSM antenna (black wire). The lid should be placed with the battery at the opposite end to the GSM antenna.



11. The PAS is now ready for use, and the supplied charging unit **MUST** be connected to the mains whilst you complete your PAS's set-up and personalisation (ie: set temp. alert ranges; sensor settings etc). Do not un-plug during this process.



Later on, AFTER you have completed this, if the 'POWER - CHARGING' LED is on continuously, keep the mains charger connected, as the internal battery is not yet fully charged. If the LED is flashing, the unit has maximum internal battery charge, and is ready for stand alone use. The mains charger can now be disconnected, if you choose to do so.

Setting your Access Code

At the moment, your Acumen PAS is set-up with the factory default code '12345'.

Your new code must contain 5 numbers, between 1 and 5. Numbers can be used more than once. The unit must be active to receive your 'SMS Command'.

Send this SMS text message to your PAS:

```
Acc#::987654#new entry/exit code
```

Your PAS will return the following confirmation message to you:

```
Access Code for TAG 987654 changed to new entry/exit code
```

Note: Your PAS will always confirm it has received a message by beeping twice.

Turn to page 12 to arm your PAS.

Your Acumen PAS's first SMS message explained:

Unit TAG

This is your PAS unit's unique identification number. In order to individually identify any given Acumen PAS unit (in case the user has access to many such units), each unit has its own unique TAG number. It is needed to verify (some) security sensitive SMS commands, so it is worth making a note of this number now, and keeping it in a safe place. The number is fixed by the unit and cannot be changed.

Battery=

This is the internal battery charge level. A full charge will read 4.1V, and the minimum charge your PAS needs to function is 3.6V.

Charger=0FF

This is telling you that the mains charger is not currently connected.

If connected, it will read:

Charger=0N

Network Signal Strength=

Is a measure of the signal strength being received by the mobile phone part of your Acumen PAS.

For example:

-103 ..is very poor strength

-80is very good strength

Anything lower than -90 is a good signal.

Repositioning your PAS may improve a poor signal.

4 Arming & Disarming - manually or by SMS text message

NOTE:

The factory-set default Access Code is 12345

Ensure the unit is physically located in a suitable place, standing facing the protection area, uncovered/unobscured and away from windows, radiators or the sun as this may cause false alarms. This is particularly important if you are protecting (for example) a holiday home in another country.

Arming - manually

This procedure is summarised on the front of the PAS unit itself. A more detailed explanation is described here for first time users:

Press the Entry/Exit button on the front of the unit followed by the Access Code.

You'll hear a short beep on each button press (whether correct or not), followed by a 20 second countdown, during which you must make your exit. If the countdown seems to go on for longer than 20 seconds, then the PAS's Tilt or Motion sensors are picking up activity - for example, you may still be in the room.

Either remove whatever is causing the activity from the area, or use an SMS Command (see pages 18 & 19) to switch off or simply reduce the PAS's sensor's sensitivity.

NB - if the unit has been Armed by mistake, pressing and holding the Entry/Exit button during the 'Exit' time will abort the Arming procedure.

Disarming - manually

When Armed, approaching your PAS will inevitably trigger the fixed 20 second Entry countdown, and the Armed LED will flash fast.

Press the Entry/Exit button followed by the Access Code.

You will hear 4 beeps as you press the last digit of your code, confirming the unit has been successfully disarmed.

NB - the Alarm LED will always momentarily flash on seeing movement, even if the unit is not Armed. This is your PAS's way of telling you that it has sufficient charge for use.

Arming - by SMS text message

Send this SMS text message to your PAS:

`Arm TAG987654:entry/exit code`

Your PAS will return the following confirmation message to you:

`Unit TAG 987654 is now ARMED`

Disarming - by SMS text message

Send this SMS text message to your PAS:

`Disarm TAG987654:entry/exit code`

Your PAS will return the following confirmation message to you:

`Unit TAG 987654 has now been DISARMED`

About the PIR 'dome' Motion Sensor

The PIR sensor is armed locally by inputting the Access Code. It allows an 'Exit' time of 20 seconds. The 'Exit' time is accompanied by a fast flash rate of the 'Armed' LED and a beeping of the internal tone to count down the 'Exit' time.

Once the 'Exit' time has ceased, the tone will stop and the 'Armed' led will flash slowly if a charger is NOT connected, or stay steady if a charger IS connected.

Should the unit pick-up sufficient local movement from the PIR Sensor (see page 19 to alter sensitivity setting), the 'Alarm' LED will flash for the duration of the movement, and the 'Armed' LED will begin to flash fast, counting down the 20 second 'Entry' time.

This 'Entry' time is fixed at 20 seconds and cannot be altered.

No tone will sound during the 'Entry' time count-down. If the correct Access Code is entered within the 'Entry' time, the alarm will not be raised. Should no correct Access Code be entered (or entered too late), a PIR Alarm SMS message will be sent to your Response Number.

If the alarm is triggered, and no Access Code is entered, your PAS will send an alert, and then remain in the 'Armed' state for approximately 10-11mins, during which it will send no more messages. During this period, the 'armed' LED will continue to flash, and the 'Alarm' LED will still respond to movement in the protected area. This 10-11 minute 'inhibit' period is to prevent

multiple alarm messages being sent for the one incursion.

After the 'inhibit' period, your Acumen PAS will resume business as usual, alerting you again if there is a continued presence or disturbance.

About the GSM Network LED

This LED indicates the state of the PAS unit's connection to the Mobile Network. A flash once per three seconds indicates that the connection is good to the Network. A flash every second indicates that the unit is registering with the Network, or searching for one, or that the GSM signal in the vicinity is weak. In order for the unit to send or receive SMS messages, the LED **MUST** be flashing at the once per three second rate.

If you now want to move on to refining and adjusting your Acumen PAS's default settings, sensitivity to heat and movement etc, please turn over.

5 Sending SMS Commands & their Responses

IMPORTANT: We use a fictional mobile Response Number: **07777 012345** and unit TAG number: **987654** (in blue) for illustration purposes here. Please use your own genuine numbers in these places.

Using any mobile phone, you can remotely interrogate your PAS; asking it questions about its local temperature for example, or adjusting its sensitivity to heat and movement, checking its power level and suchlike.

You can send all these SMS Commands to your PAS from ANY mobile phone, but it will only ever reply to your one Response Number.

NOTE: The first letter you type can be either upper case or lower case, and the rest of the command must be all lower case,

ie: **Status** or **status**

We'll use upper case throughout these instructions.

NOTE: If there are unspecified characters in your SMS Command BEFORE the message the total command will be ignored by your PAS.

16

Acumen PAS general status enquiry:

A useful command if you're curious about battery level, signal strength, or if you've forgotten whether you left it plugged in to the mains charger or not

Send this SMS message to your PAS:

Status

Your PAS will return the following message to you:

```
Status - TAG 987654, Bat= x.xxV  
: Char=0FF (or 0N) : Net Sig=  
xxxdBm, slp=0N, PIR=0FF,  
Sens=M, Tilt=(0FF), Temp=0N,  
H=xx°C, L=xx°C, and maybe 1/2 if additional  
Response Numbers have been added. See page 21.
```

This chapter explains these various settings how to adjust them to suit your own personal preferences.

Adjusting your PAS's receive and response times & battery life

'SMS Commands' sent to your PAS unit WHILE IT IS PLUGGED TO THE MAINS CHARGER, will receive a confirmation 'reply' within a few seconds, depending on local network conditions.

If your unit is running on INTERNAL BATTERY POWER ONLY, it may take up to 1 hour to receive and respond to your commands. 1 hour is the default setting when running on internal battery, as this helps to prolong it's life.

You can, however, override this default setting by sending an 'SMS Sleep Command' to the unit to shorten this reply time to either 'instant', or lengthen it to '6 hours', although the 'instant' setting will shorten the internal battery's life.

NOTE: *Sleep/storage settings DO NOT affect the PAS unit's alert messages to the Response Number. These will always take priority.*

To turn the Sleep Setting **off**, thus enabling instant responses from your PAS unit, send this SMS message to your PAS:

Sleep=off

This will significantly reduce your PAS's battery life, if running on internal battery only, maybe to as little as one week.

To activate the default setting, whereby it may take up to 1 hour to receive and respond to your 'SMS Commands', send this SMS message to your PAS:

Sleep=on

If you are running your unit on internal battery only, and you are happy for it to take up to 6 hours to receive and respond to your 'SMS Commands', send this SMS message to your PAS:

Sleep=store

Gives maximum internal battery life, somewhere in the order of 6 months.

Tilt Sensor:

The Tilt Sensor can be instructed to work in **addition** to the Motion Sensor (see page 19), and is ideal for PAS use both inside a movable asset, such as a box trailer, or in a steady environment such as a garage, where picking up or knocking it over will trigger an alert. By default, the Tilt Sensor is OFF.

It may be useful to enable the Tilt function if your PAS is monitoring a caravan, for example - or leave it switched off if you are protecting a constantly moving asset, such as a moored boat.

Once 'Armed', triggering the PAS's Tilt Sensor starts a short internal countdown whilst it waits for the Access Code to be entered. If it isn't, an alert SMS is sent, and it'll remain in the 'Armed' state for approx. 10-11mins, during which it will send no more messages (the 'Armed' LED will continue to flash, and the 'Alarm' LED will still respond to movement in the protected area).

This 10-11 minute 'inhibit' period is to prevent multiple messages being sent for the one incursion. After the 'inhibit' period, your Acumen PAS will resume business as usual, alerting you again if there is a continued presence or disturbance.

To turn this sensor **on**, send this SMS message to your PAS:

Tilt=on

To turn this sensor **off**, send this SMS message to your PAS:

Tilt=off

Your PAS will return the following confirmation message to you:

**Tilt Sensor is now ON - TAG
987654**

Motion Sensor:

The PIR 'dome' on the front of the PAS unit senses movement - or rather, it scans the area being monitored and senses changes in background temperature patterns caused by movement in it's field of 'vision'. There are 3 settings for the sensitivity of the PIR. You may want to experiment with these settings to find which one suits you best if, say, you have a pet hamster in the room that you would like to remain 'invisible'.

The default setting on your PAS unit is 'medium'.

To set the PIR sensor to **low sensitivity**, allowing a **large amount of local movement** send this SMS message to your PAS:

`Pirsens=low`

To set the PIR sensor to **medium sensitivity**, allowing a **medium amount of local movement** send this SMS message to your PAS:

`Pirsens=med`

To set the PIR sensor to **high sensitivity**, allowing **very little amount of local movement** send this SMS message to your PAS:

`Pirsens=high`

Hot & Cold Temperature Alerts:

A sensor inside the PAS can be instructed to send you temperature level alerts. The default Temperature Alert is set to 'ON' and the 'TRIPS' are set to 'medium'. The temperature being measured is that inside the PAS unit, and may vary slightly from the surrounding environment.

To turn the temperature sensor **off**, send this SMS message to your PAS:

`Temptrip=off`

To turn the temperature sensor **on**, send this SMS message to your PAS:

`Temptrip=on`

To receive an SMS alert if the unit temperature drops to **-5°C**, send this SMS message to your PAS:

`Coldtrip=low`

To receive an SMS alert if the unit temperature drops to **0°C**, send this SMS message to your PAS:

`Coldtrip=med`

To receive an SMS alert if the unit temperature drops to **5°C**, send this SMS message to your PAS:

`Coldtrip=high`

To receive an SMS alert if the unit temperature raises to **30°C**, send this SMS message to your PAS:

`Hottrip=low`

To receive an SMS alert if the unit temperature raises to **40°C**, send this SMS message to your PAS:

`Hottrip=med`

To receive an SMS alert if the unit temperature raises to **50°C**, send this SMS message to your PAS:

`Hottrip=high`

Adding extra 'Response Numbers'

Here we explain how to instruct your PAS to send duplicate alerts for PIR, Temperature and Tilt to a second or even a third mobile phone number - for example, you may want a neighbour of your lock-up to be alerted too. Note: the third number, if added, will also be sent full 'Status' reports, as per your main 'Response Number'.

The number must be no more than 20 digits, including the '+'. It is checked for invalid characters before any old one is destroyed, but ANY numerical data in this field will cause the old to be overwritten:

Send this SMS message to your PAS to **add one** extra number:

```
A1Aa1mtel::Unit TAG
987654+additional mobile phone
number in international format
with no spaces
```

For example:

```
A1Aa1mtel::987654+447777011111
```

Your PAS will return the following confirmation message to you:

```
Additional Alarm Conditions
will be sent to this number -
additional mobile phone number
in international format with no
spaces
```

Send this SMS message to your PAS to **remove** this extra number:

```
A1Aa1mtel::Unit TAG 987654-
```

Note: last character is a 'minus' **NOT** an 'underscore'.

To add or delete a **2nd extra Response Number**, precede all the above SMS messages with **A2** rather than **A1**, as shown.

PAS unit temperature enquiry:

You can ask your PAS for a temperature reading, and if it has been switched on for a sufficient time, it will also send you details of its temperature for the previous 12 hours in hourly increments.

To find out the temperature of the PAS unit, send this SMS message to your PAS:

Temperature

Your PAS will return the following confirmation message to you:

```
Unit Temperature - TAG 987654
Temp now=xx°C, Prev Hours...xx,
xx...°C
```

Return my PAS to it's default settings:

If you've forgotten how you set up your PAS unit, or just want a clean start:

Send this SMS message to your PAS:

Unit defaults

The default settings are:

- Tilt Alarm mode = off.
 - Temperature Trip Alarm mode = on.
 - Cold Trip level = medium.
 - Hot Trip level = medium.
 - PIR sensitivity = medium.
 - PIR Alarm active mode = unaffected, as this is set from the front panel.
 - Battery Saving mode (ie. sleep for 1 hour then 'wake-up' to receive SMS command messages).
- NOTE:** Access Code will not change with this command.

I want to set-up or change my Access Code

The factory default code is 12345.

After you have run through the initial System Set-up and Test procedure (chapter 3), you should change this code to a number that only you can remember. The ability to change this code remotely is also a very useful feature, for instance: Maybe you want to allow a cleaner access to your Acumen PAS-protected holiday home for just a few hours. You can remotely change the Entry / Exit Code to a number they can remember before they visit, and then remotely change it back again after they have left.

To change the Entry / Exit Code, send this SMS message to your PAS:

`Acc#:::987654#new access code`

For example:

`Acc#:::987654#54321`

Your PAS will return the following confirmation message to you:

`Access Code for TAG 987654
changed to new entry/exit code`

6 Receiving SMS Alerts

Once your PAS is set-up and functioning, it will automatically send you SMS Alert messages, communicating changes in its environment to you. Here's a list of the SMS alerts that your PAS could send you whilst armed, and what they mean:

■ You're incoming SMS message reads:

PIR Alarm Activated - TAG
987654

Means: The PIR 'domed' motion sensor has 'seen' local movement.

■ You're incoming SMS message reads:

Tilt Alarm Activated - TAG
987654

Means: The unit's Tilt & Tamper sensor has been activated, meaning it (or it's environment) has moved.

■ You're incoming SMS message reads:

LOW Temperature Alarm Activated
- TAG 987654 Temp=xx°C

Means: A low temperature threshold (set by you) has been reached.

■ You're incoming SMS message reads:

HIGH Temperature Alarm
Activated - TAG 987654
Temp=xx°C

Means: A high temperature threshold (set by you) has been reached.

■ You're incoming SMS message reads:

Charger OFF:-Battery=x.xxV, TAG
987654

Means: The charger has been switched off (or lost power) for longer than 1 minute.

■ You're incoming SMS message reads:

Low Battery: x.xxV, TAG 987654
send 'Stop' to disable further
reminders or plug in charger

Means: Your PAS Unit needs charging.

To prevent further Low Battery alerts, send:

Stop

to your PAS as a 'reply'. Attaching the mains
charger automatically deletes your 'Stop'
command. If you are unable to charge your PAS,
you will eventually receive the following message:

■ You're incoming SMS message reads:

Internal Battery TOO LOW to
continue 987654 unit is now
inoperative!!

Means: Your PAS is now switched off and not
protecting your shed, house, caravan, garage...

Attach your PAS to it's mains charger and plug in to
resume normal activity.

7 Quick reference list of all SMS Commands

NOTE!

Initial letter of command may be upper or lower case. The remainder must be lower case.

NOTE!

Unit TAG ID Number is shown below as:XXXXXX

Response Number is shown below as:+XXXXXXXXXXXXXX

Access number is shown below as:CCCCC

Requirement:	SMS: (Text Message)	See page:
Show current Acumen PAS settings.....	Status.....	16
Turn 'tilt' on (Only active when armed)	Tilt=on.....	18
Turn 'tilt' off	Tilt=off.....	18
Battery saving mode on Best.....	Sleep=store.....	17
Standard.....	Sleep=on.....	17
Battery saving mode off (fastest response time).....	Sleep=off.....	17
PIR Sensitivity Low (3 pulses for alarm).....	Pirsens=low.....	19
Medium (2 pulses for alarm).....	Pirsens=med.....	19
High (1 pulse for alarm).....	Pirsens=high.....	19

Temperature history	Temperature.....	20
Turn Temperature alerts on	Temptrip=on	20
Turn Temperature alerts off	Temptrip=off	20
Set Cold temperature alert to -5°C	Coldtrip=low	20
Set Cold temperature alert to 0°C.....	Coldtrip=med	20
Set Cold temperature alert to 5°C.....	Coldtrip=high	20
Set High temperature alert to 30°C.....	Hottrip=low	20
Set High temperature alert to 40°C.....	Hottrip=med	20
Set High temperature alert to 50°C.....	Hottrip=high.....	20
Change response number (note RES is all upper case).....	RES#2d7::XXXXX+xxxxxxxxxxxxx *	21
Change access code	Acc#::XXXXX#CCCCC.....	10
Add or modify 2nd number (1st Additional No)	A1almtel::XXXXXX+xxxxxxxxxxxxx *	21
Add or modify 3rd number (2nd Additional No).....	A2almtel::XXXXXX+xxxxxxxxxxxxx *	21
Delete 2nd number (1st Additional No)	A1almtel::XXXXXX- **	21
Delete 3rd number (2nd Additional No)	A2almtel::XXXXXX- **	21
Arm the PAS by remote SMS text message	Arm TAGXXXXXX:CCCCC	13
Disarm the PAS by remote SMS text message	Disarm TAGXXXXXX:CCCCC	13
Stop receiving low battery level warnings	Stop	25

* *Note: The '+' symbol is the start of the number. There should never be 2 '+' symbols next to each other.*

** *Note: This is the TAG number and a minus symbol (-) only.*



This product bears the CE mark in conformity with the regulations of the R & TTE Directive (99/5/EC). Acumen Electronics Ltd declares that this product conforms to essential standards and other norms under Directive 1999/5/EC. The user is forbidden from making variations or modifications of any kind to this device.



The Symbol shown on this product or on its documents indicates that the product must not be disposed of with other domestic refuse at the end of its life cycle. To avoid damage to the environment or to health caused by the inappropriate disposal of refuse, the user is requested to separate this product from other refuse and to recycle it responsibly. Domestic users should contact their sales point or their local government offices for advice on recycling centres. Business users are advised to contact their supplier. This product must not be disposed of with other commercial refuse.



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