Thank you for choosing the EXPRESS GSM, developed by our scientific team.

Please read the enclosed instructions before installing your EXPRESS GSM in order to obtain the best performance and optimum battery life.

When properly installed and activated, the EXPRESS GSM will detect human movement, then send an intruder alert to you by silently calling any of six (6) programmed phone numbers using an existing mobile phone network.

Protection mode can be remotely activated using your mobile phone or set to standby by using the enclosed remote controller.

Please contact customer service if you have any questions about installing, programming or other operating questions.

Telephone number of the GSM motion detector SIM card:

Attention! SIM card is not included.

Compare the EXPRESS GSM to other complex alarm systems. With EXPRESS GSM there are no wires, no expensive contracts, no expensive installation costs and no additional phone lines.

Set up the EXPRESS GSM the day you move in and take it with you the day you move out.

Use in storage rooms, private offices, private aircraft, construction sites, vacation homes, hotel rooms when traveling or when parking your car. Customize who receives intruder alerts by easily changing phone numbers used by the silent phone number dialer. Register up to six (6) telephone numbers.

Don't worry about your safety or your property with the EXPRESS GSM!

Setup

The following items are required before you can begin programming your EXPRESS GSM motion detector:
- SIM card with contract or a pre-paid tariff plan;
. SIM card PIN code mode should be disabled;
- Mobile telephone;
- Remote controller;
- Motion detector;
- Battery.

After programming the motion detector SIM card, save the SIM card telephone number in your mobile phone book. This will be used to assign a unique name to your motion detector.

Helpful Information

1. Battery life may be reduced when operating in extreme cold.
2. Removing and replacing a battery will not cause a loss of program device settings.
3. It is recommended that a new SIM card be used when setting up the motion detector.
4. It is recommended that the same mobile phone service provider be used for the motion detector and your mobile phone for optimum SMS service.
5. Select the lowest SMS text message tariff plan for the motion detector.
6. The motion detector memory can be accessed by up to 6 remote controllers and can send an alert to 6 telephone numbers.
7. Make sure there is a strong mobile signal where the motion detector will be located.

8. To disable SMS warning each time protection mode is turned on or off, change the jumper setting (see page 6).

9. Every 7 days you will receive an SMS text alert showing the remaining SIM card balance.

10. If the motion detector fails to respond to the remote controller or answer when its phone number is called, remove the battery from the motion detector, wait 2 or 3 minutes. Then insert a new battery observing the polarity, wait 30 seconds and re-initialize the remote controller or call the motion detector SIM card phone number.

11. When changing the SIM card, the motion detector should be reprogrammed

12. If you cannot set up the motion detector, check the following items:
    - The motion detector SIM card is installed correctly (see page 6);
    - The jumper is in position 1 or 2 (see page 6);
    - The battery is installed with the correct polarity.

13. For more information you can read the documentation section of the online manual on the web at ***www.alpha-safe.com***

! *Attention! Battery life can be extended by using the economy mode.*

Warning! DO NOT REMOVE the motion detector SIM card while the battery is installed.
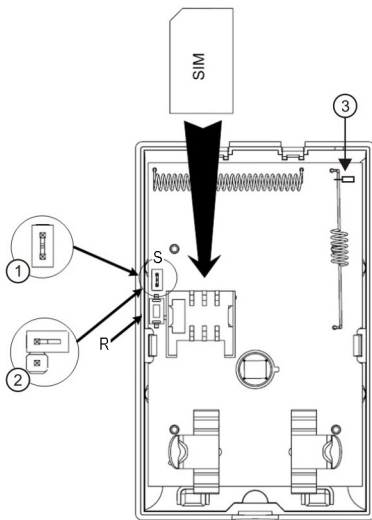
Motion detector initial setup instructions:
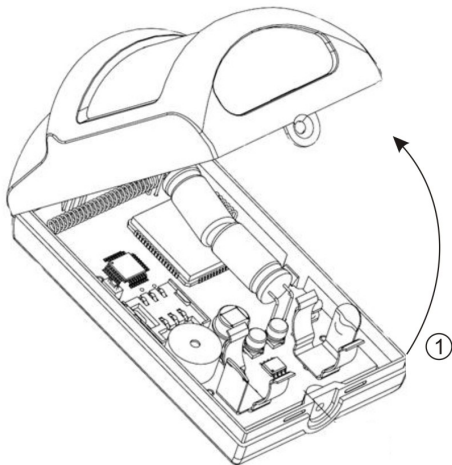
1. Lift up and remove the motion detector lid.

2

Insert the SIM card into the SIM card holder the way it's showed on the left picture. Set the jumper to position 1 or position 2.

1. Default mode. Set the jumper to the "S" position shown in figure one. You will then receive an SMS alert on your mobile phone indicating the protection mode on/off status. Protection mode can be turned off by the remote controller at any time.

2. Economy mode. Move the jumper as shown in figure 2 to disable the SMS on/off protection mode alert feature.
You must be in the protection zone when using the controller. You can only use the controller to turn off protection mode.

! *If the SIM card was previously used in the motion detector, erase the phone book. Begin by setting the jumper to the "R" position, WAIT FOR 1 MINUTE, then install the battery, observing polarity. Wait for the beep to finish. Erasing is now complete. Remove the battery. Set the jumper to position 1 (default mode) or 2 (economy mode).*
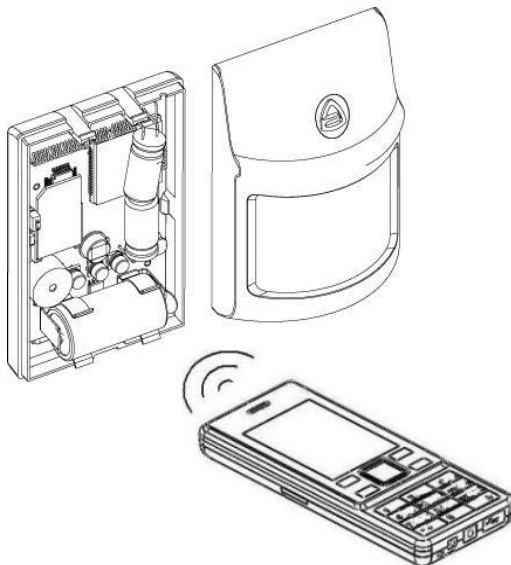
3
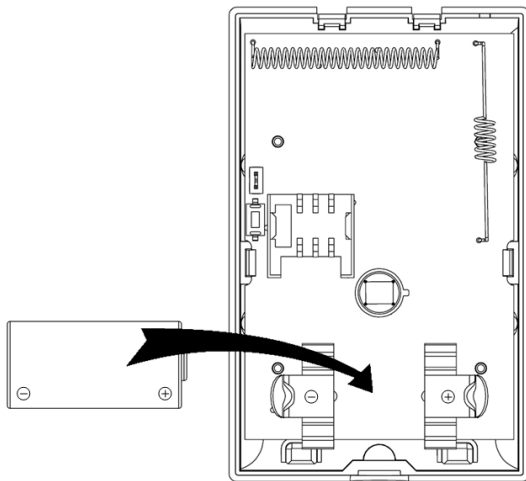
Insert the battery into the battery holder in the motion detector, observing polarity.

After turning on, you will hear an audible tone, followed by three short beeps and then the LED will start blinking once every 5 seconds.

WARNING!

Register a phone number with the motion detector within 30 seconds after turning on (see detailed instructions on the next. page).

4

In 30 seconds after turning on, use your mobile phone SMS feature to send your mobile phone number to the motion detector SIM card. Use the following number format: 1)+XXXXXXXXXXX, where "1)" is the index number for the first phone number to be registered (maximum 6 phone numbers allowed)

Your phone will now be set to receive the main alarm message and will be able to turn the protection mode on/off, and to change settings. The motion detector will hang up by itself.

The Motion detector memory can store totally 6 phone numbers. Visit our website:

www.alpha-safe.com

5
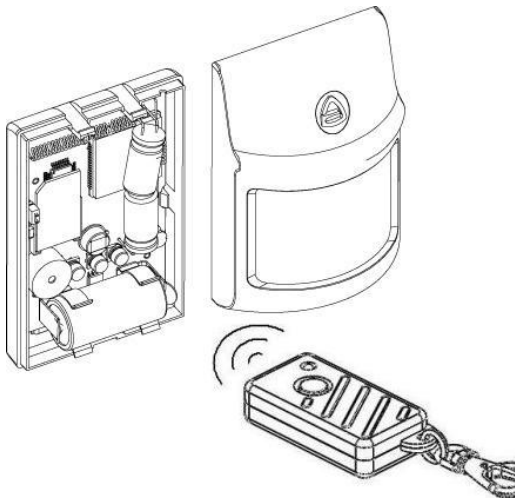
When you finish programing the motion detector using your mobile phone you have 30 seconds to press the remote controller button. This will register the controller with the motion detector.

WARNING! Within 30 seconds you must register the remote controller with the motion detector.

During controller registration, the LED alternately blinks red and green. After registration is complete the motion detector will beep.

You can now switch protection mode on/off using the remote controller.

You can register up to 6 remote controllers.

! *In the event of an alarm, the owner of the registered phone number can remotely disarm the motion detector. To disarm, call the motion detector SIM card number within 30 seconds after receiving an intruder alarm message. Otherwise the alarm message will repeat every 2 – 3 minutes.*

6
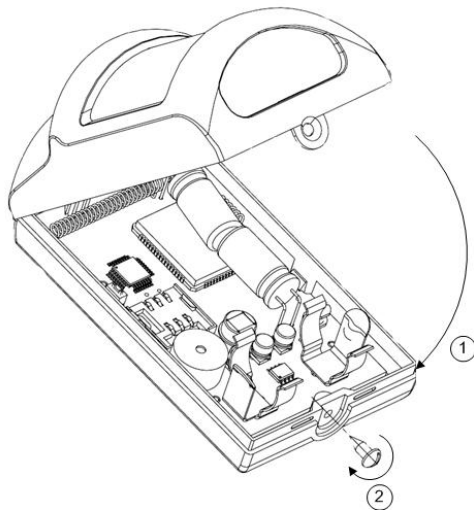
1. Close the motion detector cap.

2. Tighten the screw at the bottom of the GSM unit.

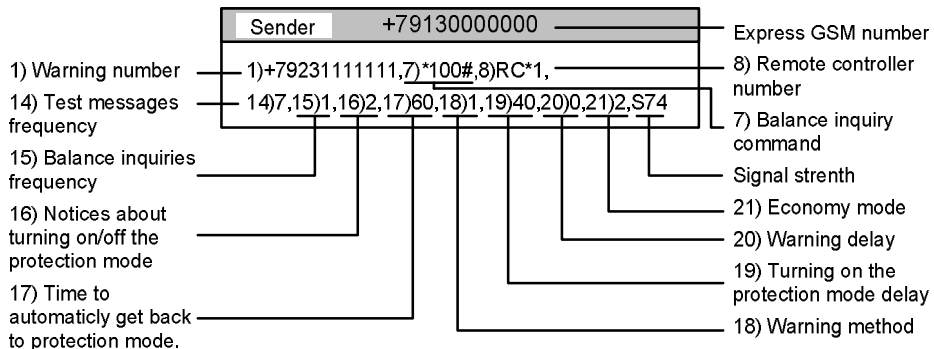Within 30-40 seconds after registering your mobile phone with the motion detector SIM card you will receive a message similar to that shown below indicating the system configuration settings. These settings can be changed at any time in the future.

Sender	+79130000000

1) +79231111111,7)*100#,8)RC*1,
14)7,15)1,16)2,17)60,18)1,19)40,20)0,21)2,S74

- Express GSM number
- 8) Remote controller number
- 7) Balance inquiry command
- Signal strenth
- 21) Economy mode
- 20) Warning delay
- 19) Turning on the protection mode delay
- 18) Warning method

- 1) Warning number
- 14) Test messages frequency
- 15) Balance inquiries frequency
- 16) Notices about turning on/off the protection mode
- 17) Time to automaticly get back to protection mode.

! *Detailed information about additional motion detector settings are available in the documentation section of the operating manual at www.alpha-safe.com. In the video section there is a video demonstrating the complete set up process.*

*RC – remote controller

Installation

The motion detector should be installed in a location where it will be protected from exposure to atmospheric precipitation, physical damage and access by any unauthorized personnel. Do not install the motion detector near any powerful heat sources such as (fireplace, stove, heat radiator etc.) or in any place exposed to strong air flow or direct sunlight.

Install the motion detector in a location with an unobstructed view of the protected zone. Recommended height for installation is from 2m/6' to 2.5m/8'.

The maximum detection range is 10m/33'.
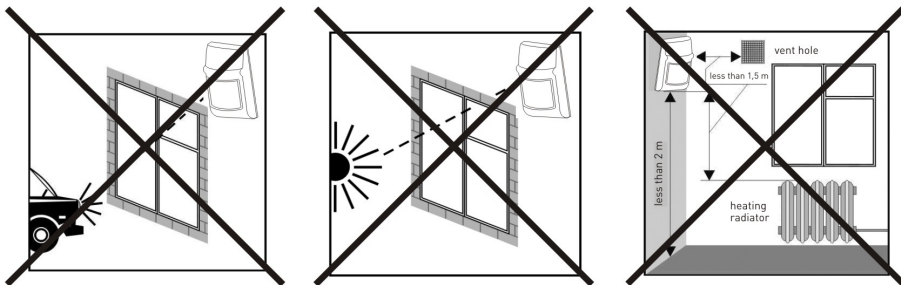
Do not mount the motion detector on a surface that is subject to heavy vibration.

The presence of objects in the protected zone such as (furniture, screens, plants etc.) can create a blind spots, possibly hindering the detection of human presence. The motion detector may not be able to detect motion located in these blind zones. The presence of animals and birds in the protected zone may trigger false alarms. Detection zones are shown below.
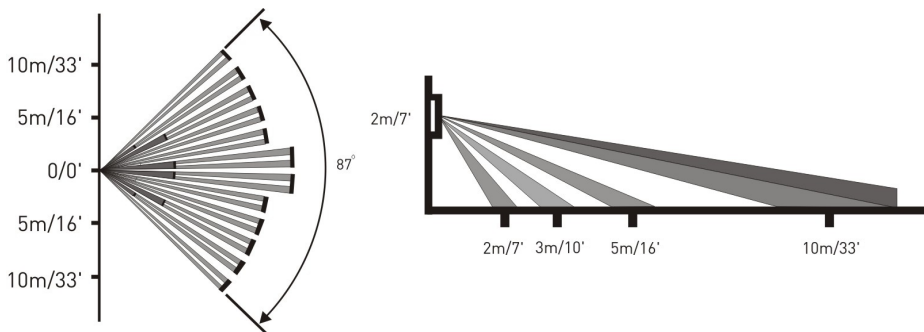
Use the included wall bracket or double-sided adhesive tape to mount the motion detector on the wall.

Motion Detector Function Test

After installation of the motion detector it is necessary to test its functionality. Use the first and the second testing methods for default mode and the third and the fourth testing methods for economy mode.

The first method (jumper is set to Default Mode - the "S" position).
1. Press remote controller button. Remote controller LED should blink red. A beep will sound every 4 seconds for 60 seconds (total of about 15 beeps). You must leave the protected zone during this time period.
2. Your mobile phone will receive an SMS alert with the following text: **"Protection mode is on by RC*1**.
3. Wait 2 to 3 minutes and re-enter the protected zone.
4. Your mobile phone will receive an SMS text alert: **"Alarm"** and an incoming call.
5. Using your mobile phone, dial the motion detector SIM card number.
6. Your phone should receive an SMS reply: **"Protection mode is off by call from +XXXXXXXXXX"**.

The second method (jumper is set to Default Mode - the "S" position).
1. Leave the protected zone.
2. Press the remote controller button. Remote controller LED will blink red.
3. Wait to receive an SMS with the following text: **"Protection mode is on by RC*1**.
4. Wait an additional 2 to 3 minutes. Press remote controller button. Remote controller LED will blink green.
5. Wait to receive an SMS text message: **"Protection mode is off by RC*1**.

*RC – remote controller

The third method (jumper is set to Economy Mode – open position).
1. Press remote controller button. Remote controller LED will blink red. A beep will sound every 4 seconds for 60 seconds (a total of about 15 times). You need to leave the protected zone during this time period.
2. Leave the protected zone.
3. Wait 2 to 3 minutes then enter the protected zone.
4. Wait to receive an SMS text alert: **"Alarm"** and an incoming call.
5. Press remote controller button.
6. Wait for two short beeps.

The fourth method (jumper is set to Economy Mode – open position).
1. Leave the protected zone.
2. Press the remote controller button. Remote controller LED will blink red.
3. Wait 2 to 3 minutes then enter the protected zone.
4. Wait for beep to sound once.
5. Press remote controller button. Remote controller LED will blink green.
6. Wait for beep to sound twice.

! *Attention! In economy mode the remote controller functions only after the EXPRESS GSM motion detector has detected your presence in the protected zone.*

Arming and Disarming Protection Mode

Protection mode can be turned on\off by the remote controller when it has been registered with the motion detector and the system is in default mode. The remote controller effective range is 15m/49'.

To **turn on** protection mode, press the remote controller button. The remote controller LED glows yellow while waiting for the motion detector to respond. Wait for the remote controller LED to blink red. After 40 seconds the motion detector will enter the protection mode. During this period a beep will sound every 4 seconds.

To **turn off** protection mode press the remote controller button. The remote controller LED will glow yellow. When the motion detector turns off protection mode the remote controller LED will blink green.

After the protection mode has been turned on or off the SMS text alert "Protection mode is on" or "Protection mode is off" will be sent to your mobile phone number (if the jumper is in the "S" position).

If the remote controller button is pressed several times before the SMS text alert has been sent, the SMS text alert will only contain the result of the last on or off protection mode setting.

Actions in Case of Alarm

If someone enters a protected zone while the motion detector is in the protection mode, the motion detector will send a SMS text alert: **"Alarm"** to the registered mobile number.

After sending the SMS text alert it will dial the registered phone number and wait 30 seconds for an incoming call to turn off the protection mode. When the call comes in, the motion detector will reject the call and send SMS reply: **"Protection mode is turned off by call from +XXXXXXXXXXX"**. In case of a triggered alarm it is also possible to turn off the protection mode using the remote controller. The maximum for detecting human presence is up to 10m/33'.

Specifications

Feature	Value
Human presence effective range	10m/33'
Remote controller effective range	15m/49'
GSM module standard	GSM-900/1800/1900
Maximum capacity of registered telephone numbers	6
Maximum number of usable remote controllers	6
Warning response time	10 - 40 sec
Battery type	Li Battery CR123A 3V
Operating temperature range	-10 to 50°C* 14 to 122 F
Relative air humidity at +35°C / 95°F	93%
Motion detector operating time with one battery at +25 °C / 77 F	6 months
Note - * at -25 °C / -13°F battery life decreases	

Package Contents

Name and designation	QTY
GSM motion detector	1
Bracket	1
Holder	1
Self-tapping screw 3x6 GOST11621-80	1
Double-sided adhesive tape	1
Remote controller BN-1	1
Li Battery CR123A 3 V	1
User manual	1

Warranty

Warranty period is one year from date of purchase.

During the Warranty period manufacturer will repair, exchange, adjust, or replace at its discretion, any defective product.

This warranty does not cover damage resulting from any unauthorized attempt to repair or from any use not in accordance with the instruction manual. Warranty does not cover physical damage of any kind whatsoever or cover damage caused by any attempt to tamper with or disassemble the product.

Warranty services do not cover batteries included into the kit.

You should replace the battery in case of reception of SMS message about low power level.

Warranty period commences on the day first purchased from manufacturer or an authorized reseller as evidenced by a purchase receipt. Without a valid receipt of purchase, manufacturer is relieved of its obligation to provide warranty service.

Date of sale: Seller name: Seal

_____   _____   _____

Trademarks

The purchase and use of this product does not grant any right in and to the trademark or trademarks or service marks of the "Alpha Arsenal" or the use thereof in any manner whatsoever except rights that have been granted to the product manufacturer.

Disclaimer

Under no circumstances shall the manufacturer be responsible for the loss of confidential and/or other information from use of this product, violation of privacy, actions or omissions of third parties, failure of user to operate the product in accordance with recommended guidelines, mishandling, violation for failure of use to comply with precautions and other losses and damages caused as a result of owning, using and operating this product.

FCC information

This device complies with Part 15 of the FCC Results. Operation is subject to the following two conditions:

This device may not cause harmful interface, and

This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1.1. Reorient or relocate the receiving antenna.

1.2. Increase the separation between the equipment and receiver.

1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.

1.4. Consult the dealer or experienced radio/TV technician for help.