

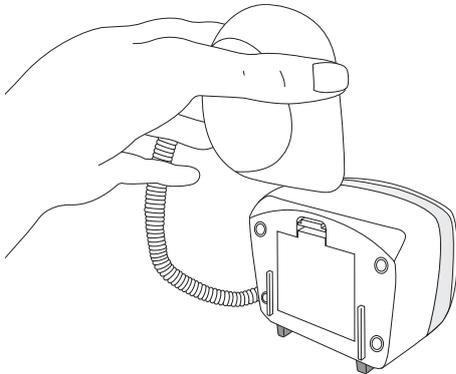
# Acoustic pillow alarm user instructions



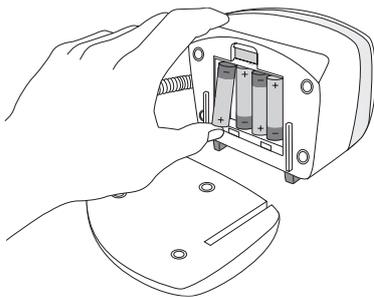
This product is set by default for use with an alarm sound level of at least 75dB. Please read this leaflet thoroughly before beginning setup.

## Quick setup

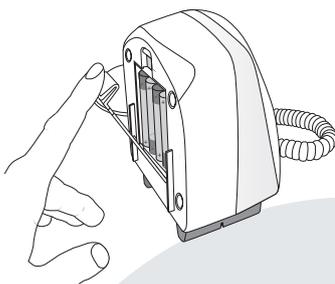
1. Slide off the pillow pad and remove the battery cover.



2. Insert the batteries the correct way up. The orientation is marked in the battery compartment.

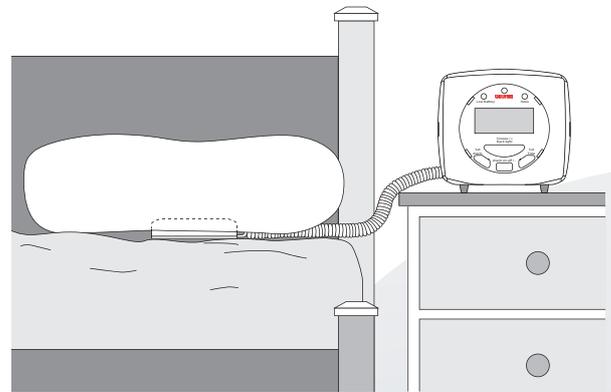


3. Clip the battery cover into position.

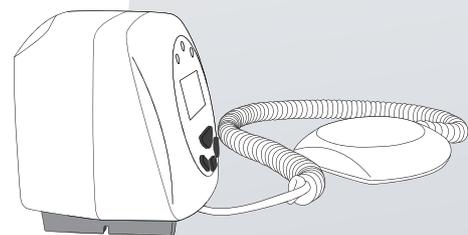


## Using the unit

1. Place the pillow pad underneath the pillow you intend to sleep on.

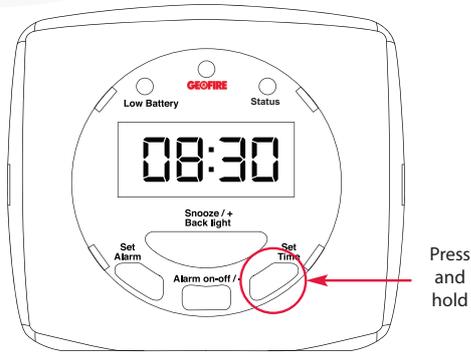


2. In the event of a fire, the pillow pad will vibrate and the unit will flash. The word 'fire' will also be present on the display.

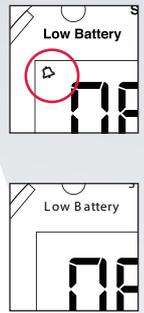
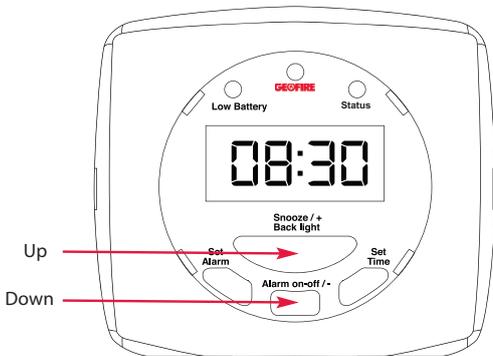


## Setting the time

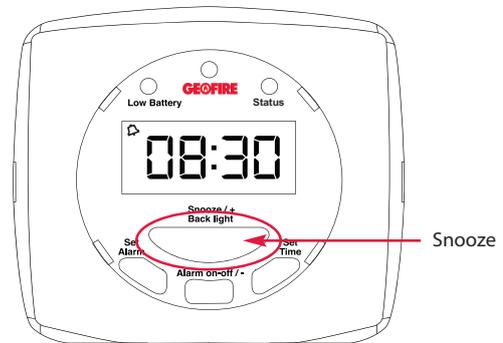
1. Press and hold the 'Set Time' button.



2. Press the up or down buttons to set the time.

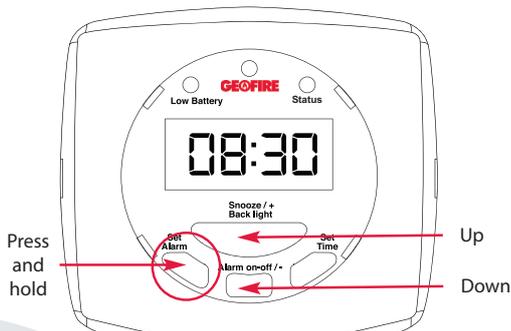


3. When the alarm triggers the pillow pad will vibrate. Pressing the 'Snooze' button will pause the alarm for five minutes.



## Daily timed alarm

1. Press and hold the 'Set Alarm' button and use the up and down buttons to set the alarm time.



2. To enable/disable the alarm at any instance, press the 'Alarm on-off' button.

## Command options

Press the '+' and '-' buttons together. When they are released, P=0 will be shown. Press the '+' button until the desired option is displayed then press 'Set Time' to select that option.

- Option 1.** Set the unit to 75dB level in the 2kHz - 4kHz frequency range
- Option 2.** Set the unit to 70dB level in the 2kHz - 4kHz frequency range
- Option 3.** Display the battery voltage in millivolts (6000 or higher is very good, 4000 or lower, consider replacing the batteries)
- Option 4.** Set the current alarm time to be the start of disable period time
- Option 5.** Set the current alarm time to be the end of disable period time
- Option 6.** Display disable times (start time for 4s, followed by end time for 4s)
- Option 7.** Perform a learn on the sounder (the fire alarm must be running before this option is selected)
- Option 8.** Alarm bell setting. Use if the alarm sound is produced by a bell. Only select after the learning process has been completed (see page 4)

## Displays

**Fire:** When the unit is in a fire state, **FIRE** will be displayed on the screen and the pillow alarm unit will flash. The pillow pad will also vibrate with a continuous pattern.

**Alarm:** When the timed alarm comes round, the screen backlight will flash and the time will be displayed on the screen. The pillow pad will also vibrate with an interrupted pulse pattern.

**Status LED:** If the status LED is lit, the unit is listening to a loud noise. If it is flashing on every 13 seconds, the acoustic circuit is disabled (see, disabling the unit).

**Low battery LED:** If the low battery LED is lit, the batteries are low and should be replaced immediately.

**Bell symbol:** If the bell symbol is shown in the top left hand corner of the screen, the alarm is enabled.

## Error codes

Er followed by 4: The sound level detected in the learn process is below 65dB and the default parameters of 75dB have been used.



Er followed by 5: The sound level detected in the learn process was found to be intermittent, but its timing could not be identified. The sound levels detected are set, but the holder may be slow in waking up. It is recommended a different alarm pattern is used on the sounder.



Er followed by 6: The intermittent sound level detected during the learn process is below 65dB and the default parameters of 75dB have been used.



Er followed by 7: The unit has not been put through the learn cycle or has been set back to default settings. Perform a learn process before choosing option 9 (see learning the alarm).



Er followed by 8: The bell tone recorded is intermittent, but its timing could not be identified. Perform the learn process again.



## If the alarm triggers

If the unit enters fire alarm state when there is no fire alarm sounding, pressing the 'Alarm on-off' button will clear the fire state. If the unit subsequently detects a sound it will trigger back into fire state.

## Engineering mode

**EE** If displayed on the screen, exit this mode by choosing option 0 (EE0). Use '+' or '-' to get to 0 and press 'Set Time' to select. The time will be displayed and the unit will operate normally.

This mode should only be used when in consultation with Geofire.

## Maintenance

Check all pillow alarms trigger correctly as part of a regular fire test routine. In normal operation, the unit will go into fire state within 20 seconds of the alarm sounding.

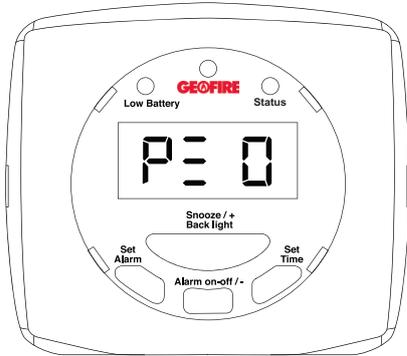
Replace the batteries annually or when indicated by a low battery warning.

## Specification

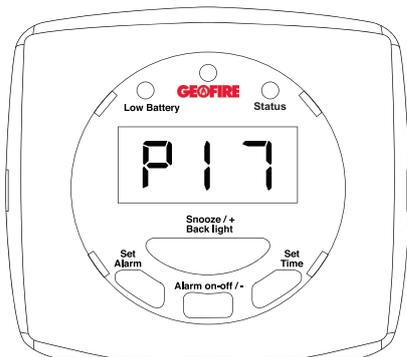
Power	4 x alkaline "AA" Cells
Typical battery life	12 months +
Default Release Volume	75 dB

## Learning the alarm

1. Press '+' and '-' together. When released P=0 will be shown on the display.



2. Press '+' until option 7 is shown (P=7).
3. Start the fire alarm sounding in the appropriate location.
4. Press 'Set Time' to start the learn process. There must be no background noise while the alarm is recording.



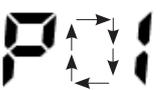
During the alarm process the display changes.



When the unit is initialising the learn, two vertical bars will flash from side to side.



When the unit is recording the sound, three horizontal bars will flash up in sequence.



When the unit is processing the sound, one digit will chase round in sequence. At this point the alarm may be silenced.

Once the learn process is complete, the time will again be displayed on the screen.

If an error code appears (Er), look at the 'Error codes' section on page 3 for further details.

## Why perform a learn?

In a hotel or commercial property, the sound level at the bed head is required to be 75dB or greater. In a domestic property where the sound level may be lower, performing the learn cycle will improve the units response to the fire alarm.

If the unit is moved e.g. to another room, it will be necessary to repeat the learn cycle.

Make sure any doors between the sounder and pillow alarm are shut during the learn cycle.

## Bells as alarms

If the alarm sound is generated by a bell, you may find that the Agrippa is sensitive to general background noise after the learning process. This can be improved by selecting command option 8 (see page 2).

This can be done any time after completing the learning process as long as the Agrippa has not been returned to default settings. Once selected, the display will show a rotating pattern for around 10 seconds.

If the unit has already been returned to default settings, you will have to repeat the learning process before selecting option 8.

## Disabling the unit

It may be desirable to disable the acoustic circuitry on the unit; e.g. to stop false triggering during scheduled maintenance or cleaning or during a fire test. This may be done by setting an alarm disable time:

1. Set an alarm time corresponding to the start of the disablement.
2. Choose command option 4 (see page 2).
3. Set an alarm time corresponding to the end of the disablement.
4. Choose command option 5 (see page 2). Command option 6 allows the checking of the times.
5. To stop the disablement period in future, set either the start or end time to 0:00 as per steps 1 and 2 or 3 and 4 above.