



Operating Guide



This is an important document detailing the correct usage of Deafgard.

This Guide must be read and fully understood before using the device.

This Guide must be kept in a safe place such as your Fire Risk Assessment File.

Keep this guide in a safe place.

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Introduction

Deafgard is a battery-operated device designed to alert the deaf and hard of hearing within rooms where the fire alarm is intended to do so. It will trigger when it hears 2.4 KHz of continuous sound over 75 Decibels in approximately 20 seconds. The Pillow Pad is designed to be placed under a pillow and will vibrate to wake the user upon hearing the alarm. The Strobe also flashes in conjunction with the Pillow Pad vibration. The Deafgard unit should be placed next to the bed during use.

IMPORTANT:

Deafgard must only be used for the purpose for which it is designed. It is not suitable for external use. Read this guide and follow the instructions carefully. Keep this guide in a safe place e.g. in your Fire Risk Assessment file, for future reference.

Supplementary information about the sound of a fire alarm:

The British Standard for fire alarm installation, BS5839-1: 2002, (Clause 16.2), states: -

“The sound pressure level of alarm signals should be generally, throughout all accessible areas of the building not less than 65dB(A) . . . where the sound pressure level of background noise is greater than 60dB(A), the sound pressure level of the fire alarm signal should be 5dB above the sound pressure level of the background noise.”

It also states: The sound pressure level of alarm signals “should be not less than 75dB(A) at the bed head within rooms in which the fire alarm system is intended to rouse people from sleep.”

Batteries – Use Alkaline Only

(Do Not Use Rechargeable Batteries)

The 4 x C Size Procell Alkaline batteries supplied should last for at least 12 months. Deafgard continually checks the battery life ensuring safe operation.

Insert the batteries into the Battery Compartments (+) positive side facing up. Inserting the batteries the wrong way could cause internal damage. When closing the battery compartments use a Phillips / Pozidrive No.2 screwdriver, taking care not to over tighten.

When "BATT" is displayed on the LCD there are 7 days of battery life remaining, it is recommended the batteries are replaced. It is recommended as part of your maintenance schedule the batteries be replaced annually.

Keypad Diagram



If the unit detects a fire alarm condition, the LCD will flash displaying a "FIRE" message. A strobe signal will start to flash and the Pillow Pad will start to vibrate.

1. Button 1 ON/OFF - Power On/Off.
2. Button 2 TIME SET - Used to set time function.
3. Button 3 INCREMENT - Adjust clock and timer settings.
4. Button 4 MUTE/SNOOZE - Mute / Snooze function. Used to mute alarm as well as testing the Deafgard unit.
5. Button 5 ALARM SET - Used to set alarm clock.
6. Button 6 ALARM ON/OFF - Turns alarm clock On and Off.

Operating the Deafgard Unit.

1. Power

Turning the unit On for the first time or after changing batteries.

Depress Button 1 ON/OFF to turn the listening circuitry on. The listening circuits will remain active now until the unit is manually switched Off.

The LCD will also flash to inform the user that the time needs to be set. The LCD will flash for 30 seconds.

Turning the unit On when in passive mode (batteries installed and time set).

Depress Button 1 ON/OFF to turn the listening circuitry on. The listening circuits will remain active now until the unit is manually switched Off. The LCD will be illuminated to display the time.

Turning the unit Off

Depress Button 1 ON/OFF for more than 3 seconds to turn the LCD and listening circuits off. If the time has been set, the internal timer will continue to run despite the unit being turned Off.

2. Time Set

The time should be set after inserting batteries.

Note: The clock is a 24-hour clock.

1. To set time depress Button 2 TIME SET for more than a second. The LCD hour numerals will now flash.

2. To change the hour numerals, tap Button 3 INCREMENT. Each time you tap this button the hour numeral will increase by 1. If you continuously hold this button down the hour shown will increase until you release the button.

3. When you have set the clock to the desired hour, depress Button 2 TIME SET until the minute numerals on the LCD flash.

4. Repeat step 2 to set the minutes.

5. Once the hours and minutes have been set to the desired time, depress Button 2 TIME SET until the LCD ceases to flash. The unit is now primed to listen for your fire alarm.

3. Alarm Clock Set

Deafgard has an alarm clock setting.

To set your chosen alarm on time hold down Button 5 ALARM SET for 2 seconds, the hours will flash on the LCD.

Use Button 3 INCREMENT to set the hour required.

Depress Button 5 ALARM SET again to set minutes as above.

Depress Button 5 ALARM SET once more to return to the Time screen.

Note: The unit must be turned On and have the time set before you can set the alarm clock function.

4. Alarm Clock On/Off

The alarm must be set before it can be turned On or Off.

To turn the alarm On/Off simply depress Button 6 ALARM ON/OFF, this will toggle between the alarm On and alarm Off function.

When the alarm is on the LCD will display a bell icon in the top left corner of the LCD.

Turning the alarm Off while it is sounding

To turn the alarm Off once it has woken you, depress Button 6 ALARM ON/OFF until the alarm ceases to sound / vibrate.

5. Mute/Snooze and Test

Mute / Snooze

When Deafgard is used as an alarm clock, the Pillow Pad will vibrate and the LCD will illuminate to show the time when the alarm is sounding. A Snooze and Mute function can be used to delay the alarm.

Depressing Button 4 MUTE / SNOOZE will set the unit to snooze for 8 minutes, if the snooze button is depressed again after 8 minutes the unit will enter snooze mode once more but this time for 4 minutes.

Depress Button 4 MUTE / SNOOZE after these 4 minutes and you will again be left in peace but this time for just 2 minutes, after these 2 minutes have elapsed the unit will no longer let you snooze.

Test

As long as the unit is turned On, the unit can be tested.

To test the unit keep Button 4 MUTE / SNOOZE depressed until the strobe flashes and the Pillow Pad vibrates. The test will only last for 5 seconds.

Note: the Pillow Pad will not vibrate when in the cradle.

Testing Deafgard to your Fire Alarm

1. Turn unit On – see Operating section, page 5.
2. Sound the fire alarm for a minimum of 30 seconds.
3. Deafgard will notify you of the alarm within 20 seconds.
4. Should Deafgard not respond to your fire alarm, it may be that your alarm is too quiet. Contact Technical Assistance.

Note : Alterations to the premises i.e.: new furniture, carpets etc, may alter the audibility of your fire alarm. Following alterations a fire alarm test must be carried out to ensure that Deafgard responds. If it fails to respond to your alarm contact Technical Assistance. Despite Deafgard self-testing every 7 days, weekly bell tests are highly recommended. This will ensure Deafgard is responding to the fire alarm.

Trouble shooting

The following are the most frequently asked questions regarding the Deafgard unit, with a quick checklist to follow.

1. Deafgard does not react to your fire alarm.
 - Check alarm is louder than 75 decibels.
 - Check batteries.
 - Check fire alarm is sounding for at least 30 seconds.
2. Pillow Pad does not vibrate.
 - Check Power is on.
 - Check batteries.
 - Check cable from Pillow Pad is connected securely to the Deafgard unit.
 - Check Pillow Pad is not in the cradle.
3. Strobe does not flash.
 - Check Power is on.
 - Check batteries.
 - Check cable from Pillow Pad is connected securely to the Deafgard unit.
4. No display on LCD.
 - Check Power is on.
 - Check batteries.

If all the above points are satisfied and further assistance is required please contact the Technical Advice Line.

Manufacturer's Warranty

Fireco Limited ("we" and "us") warrants to the customer ("you" and "your") that the product will be free from defects in material and workmanship for a period of 12 months from the date of purchase. If the product is defective whilst under warranty we will, at our option, repair the product or replace it free of charge.

If the product appears to develop a defect while under warranty please first check that the product is being correctly used in accordance with this operating guide and that the batteries are functioning. If this does not resolve the problem please contact us in writing at the e-mail address shown below or telephone the Technical Advice line.

The warranty does not apply to any defect in the product arising from fair wear and tear, willful damage, accident, negligence by you or any third party, abnormal working conditions failure to follow the instructions in this operating guide, misuse, alteration or repair of the product without our prior approval. The warranty does not cover batteries, which may need to be replaced within the period of the warranty. We will not be liable to you for any loss of profits, administrative inconvenience or indirect or consequential loss or damage arising out of any defect in the product.

Where the products are sold under a consumer transaction (as defined by the Consumer Transactions (Restrictions on Statements) Order 1976) your statutory rights are not affected by the terms of this warranty.



For Technical Assistance contact UK Deafgard Technical Advice line on:
+44(0) 1273 696007 or e-mail us at help@deafgard.com

For sales and other information requests - please contact the sales team at Security Matters

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