

# DorMag SmartSound

DorMag SmartSound is a wireless fire door magnet that holds fire doors open legally, automatically disengaging them to close when the fire alarm sounds.



## **Overview**

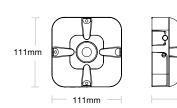
DorMag SmartSound uses advanced sound recognition technology, which allows it to identify sounds accurately. DorMag SmartSound is simple to install and operate. It uses a keeper plate that is attached to the door with DorMag mounted on the wall.

53mm

## Features

- Flexible fiiting options
- Easily installed retrofit solution
- Battery powered
- Advanced SmartSound listening technology

#### DorMag SmartSound unit



|   | Length | 111mm |
|---|--------|-------|
|   | Width  | 111mm |
| m | Depth  | 53mm  |

#### **Door Keeper**

|      | ↓ 42.5mm ⊣ | Length | 61mm   |
|------|------------|--------|--------|
| 61mm |            | Width  | 61mm   |
| 61mm |            | Depth  | 42.5mm |

# **Specification Overview**

| Power   | 4.5V Lithium Iron Disulfide (Li/FES2) battery pack  |  |  |
|---|---|--|--|
| Colour  | Black with silver band  |  |  |
| Warranty  | 2 years   |  |  |
| Casing  | ABS / ABS+PC plastic  |  |  |
| Weight  | 0.52kg  |  |  |
| Installation position<br>(DorMag SmartSound)  | On the wall adjacent to the door, with the DorMag SmartSound magnet fully centred with the keeper plate                             |  |  |
| Installation position<br>(Door Keeper)  | Anywhere on the back of the door  |  |  |
| Maximum door to wall<br>depth (when door is<br>fully opened, adjacent<br>to the wall) | 95mm (keeper chain or floor bracket required for greater distances)   |  |  |
| Maximum door to wall<br>angle (when door is<br>fully opened, adjacent<br>to the wall) | Plus or minus 25° from parallel   |  |  |
| Minimum door to wall<br>angle (when door is<br>closed)                                | 65°   |  |  |
| Hold open positions   | Can hold the door open at any angle (dependant on add-ons, i.e. floor bracket & keeper chain)                                       |  |  |
| Activation  | SmartSound listening technology   |  |  |
| Audible warning   | Yes   |  |  |
| Maximum door size   | Power size 5 (max of 100kg and 1250mm width)  |  |  |
| Fire rating   | DorMag has been tested to EN1634-1 on FD30 doorsets, exposed and unexposed faces  |  |  |
| Compliant to  | EN1155:1997+A1:2002, EN1634-1:2008, EMC Directive, Radio Equipment Directive, UN 38.3 Lithium certification, CE Marked, UKCA Marked |  |  |
| Classification  | Standard (Category B) installations under BS 7273-4:2015+A1:2021  |  |  |
| Part number   | 843-4317 DorMag SmartSound  |  |  |
|   |   |  |  |