

# HUSH ActiV



## BS 5839-6 GRADE C DOMESTIC FIRE ALARM KITS

Introducing Hush-ActiV - a new range of BS 5839-6 Grade C compliant residential fire detection and alarm solutions from C-TEC specifically designed to better protect people and property.

- ▶ Supplied in three cost-effective kit formats for ease of specification and installation
- ▶ Monitored for head removal, wiring, PSU and battery faults
- ▶ Easily accessible HUSH and TEST buttons
- ▶ Attractive double gang Hush-ActiV controller comes with non-latching fire and fault outputs, a trigger input, a rechargeable 72 hour standby battery and a separate mains power supply unit
- ▶ Uses attractively designed EN54 certified detection and alarm devices
- ▶ Only one 10-year replaceable standby battery per system (supplied)
- ▶ Each kit includes all of the devices you need to create a typical LD2 dwelling system - additional ActiV detection and alarm devices are also available to accommodate larger systems
- ▶ Designed and manufactured in the UK



Can be used  
in any situation  
where Grade D  
Mains/Battery Alarms  
are specified

### HAK/1 Hush ActiV Kit



- 1 x Hush-ActiV Controller
- 1 x 230V/24V 250mA PSU
- 1 x ActiV Multi-Sensor Fire Detector
- 1 x ActiV Heat Detector
- 1 x ActiV Smoke Detector
- 3 x ActiV Detector Bases
- 1 x ActiV 96dBA Base Sounder
- 1 x ActiV Base Sounder Lid

### HAK/2 Hush ActiV Kit



- 1 x Hush-ActiV Controller
- 1 x 230V/24V 250mA PSU
- 1 x ActiV Heat Detector
- 2 x ActiV Smoke Detector
- 3 x ActiV Detector Bases
- 1 x ActiV 96dBA Base Sounder
- 1 x ActiV Base Sounder Lid

### HAK/3 Hush ActiV Kit



- 1 x Hush-ActiV Controller
- 1 x 230V/24V 250mA PSU
- 2 x ActiV Multi-Sensor Fire Detector
- 1 x ActiV Heat Detector
- 3 x ActiV Detector Bases
- 1 x ActiV 96dBA Base Sounder
- 1 x ActiV Base Sounder Lid

## Key Benefits

**SAFER:** Raises the typical level of fire protection in a residential dwelling from BS 5839-6 Grade D (unmonitored Mains/Battery Alarms) to Grade C (monitored wiring and a central controller) HAK/1

**EASY-TO-ACCESS USER CONTROLS:** No need to stand on a chair to Test or Hush/Silence devices

**SECURE MONITORED WIRING:** All field wiring monitored for open and short circuit faults

**ENVIRONMENTALLY FRIENDLY:** Up to 50% reduction in the mains power consumption of a typical Grade D system, less plastic and only one replaceable lithium-ion battery per system providing over 72 hours standby

**REDUCED LIFETIME OWNERSHIP COSTS:** Separate fire detectors and sounders are less expensive to replace than Mains/Battery Alarms and all smoke detectors have built-in drift compensation to increase service life expectancy

**NO INTRUSIVE BS 5839-1 MAINTENANCE VISITS:** Monthly user/occupant test is sufficient

**DIRECT GRADE D SYSTEM UPGRADES:** Utilises the same wiring scheme as most Mains/Battery Alarm solutions

**HUSH**  
*ActiV*



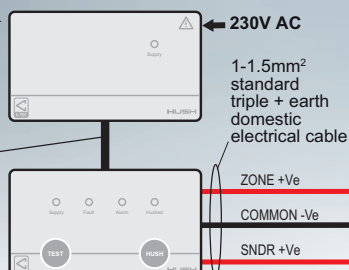
SCAN TO VIEW OUR  
HUSH-ACTIV VIDEO

## Wiring & Operation

**230V/24V 250mA PSU**  
Mounts on a standard UK 35mm double gang back box  
Typical location: Adjacent to the dwelling's Mains fusebox.

1-1.5mm<sup>2</sup>  
twin + earth  
electrical cable

Scan to download  
our Hush-ActiV  
installation manuals

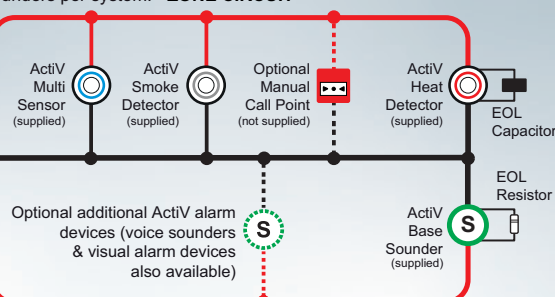


**HUSH-ACTIV CONTROLLER**  
c/w 72 hour standby battery, two open collector outputs (Fire & Fault) and an external trigger input. Mounts on a standard UK 35mm double gang back box.  
Typical location: In the entrance way at light switch height so its controls are accessible to dwelling occupants.

For guidance only. Note HAK/2 & HAK/3 kits have a different mix of field devices. Component order on all kits can be changed to suit specific applications.

Up to 16 ActiV detectors and  
8 ActiV sounders per system.

### ZONE CIRCUIT



### SOUNDER CIRCUIT

- ▶ Press **HUSH** when there is an Unwanted Alarm to silence the system for 2 minutes (extendable by a further 2 minutes if the Alarm has not cleared).
- ▶ Press **TEST** for 3 seconds when the system is in its normal state to briefly sound the Alarm sounder(s). This user test should be carried out monthly.
- ▶ Press **HUSH** when a wiring or battery fault is detected to silence the fault buzzer for 24 hours.
- ▶ Occupants should report the fault to the responsible person/service engineer at their earliest convenience.
- ▶ Press **HUSH** when the system is in its normal state to deactivate alarm detection for 15 mins ('hot works' function).

## Order Codes

### HUSH-ACTIV KITS & DECOR PLATES

<b>HAK/1</b>	Hush ActiV Domestic Fire System Kit 1 c/w controller, PSU, 3 detectors (1 heat, 1 optical, 1 multi), 3 bases & a base sounder
<b>HAK/2</b>	Hush ActiV Domestic Fire System Kit 2 c/w controller, PSU, 3 detectors (1 heat, 2 optical), 3 bases & a base sounder
<b>HAK/3</b>	Hush ActiV Domestic Fire System Kit 3 c/w controller, PSU, 3 detectors (1 heat, 2 multi), 3 bases & a base sounder
<b>BF-DP</b>	Retrofit decor plate (to cover decorating marks on retro installs)

### SYSTEM EXPANSION (DETECTORS, SOUNDERS & VADS)

<b>C4403A1R</b>	ActiV A1R Rate-of-Rise Heat Detector. Needs base
<b>C4403A2</b>	ActiV A2 Std 60oC Fixed Temperature Heat Detector. Needs base
<b>C4403B</b>	ActiV B High 75oC Fixed Temperature Heat Detector. Needs base
<b>C4416</b>	ActiV Optical Smoke Detector. Needs base
<b>C4414</b>	ActiV Multi-Sensor Fire Detector. Needs base
<b>C4408D</b>	ActiV Diode Base
<b>BF431C/CC/W</b>	ActiV 96dB(A) Base Sounder
<b>BF456C/CC/W</b>	ActiV C-3-8.5 Base VAD c/w 96dB(A) Sounder
<b>BF454C/CC/W</b>	ActiV Base Voice Sounder
<b>BF457C/CC/W</b>	ActiV C-3-8.5 Base VAD c/w Voice Sounder

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