X-SENSE
Your Trusted Home Safety Innovator

Key Features:

◆ **Versatile Applications:** Operates as a standalone unit, wired interlinked unit, RF interlinked unit (with RF module)

◆ **Reliable Power Supply:** AC-powered with a 10-year sealed lithium battery, ensuring peace of mind during mains power outages.

◆ **Smart Installation Mode:** Provides immediate alerts if wiring is incorrect, simplifying setup.

◆ **Certified Safety:** Compliant with EN 14604 standards and BSI certified for trusted protection.

◆ **Alarm Memory Function:** Aids in the investigation of potential hazards by storing alarm events.

◆ **Advanced Optical Sensor:** High-performance, self-developed photoelectric sensor for accurate detection.

Mains Powered Smoke Alarm

XS0F-PMA

bsi
KM 742936
BS EN 14604:2005
CE 2797 25
UK CA 2797 25
RoHS
□

Technical Specifications

Power Supply	Input: 100-250 V (~), 25 mA, 50 Hz, 0.5 W
	Backup Battery Type: 3 V CR123A lithium battery x 1 (built-in 10-year non-replaceable)
Maximum Service Life	10 years
Sensor Type	Smoke: Photoelectric
Safety Standards	EN 14604:2005/AC:2008
Operating Temperature	4.4–37.8°C
Operating Relative Humidity	≤ 85% RH (non-condensing)
Alarm Loudness	≥ 85 dB at 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm

Silence Duration	≤ 9 minutes
Maximum Number of Interconnected Units	Wired interconnection up to 18 units (Total cable length is limited to 300 m)
Product Weight	352 g
Product Dimensions	φ148 × 51.5 mm
Package Contents	1 × Alarm Unit + 3 × Screws + 3 × Anchor Plugs + 1 × User Manual + 1 × Mounting Bracket + 1 × QA Sticker + 1 × Dust Bag

Working Modes

Mode		LED Indicator	Audible Alarm	Remarks
Power-on		The lights flash once in the sequence of red, green, and yellow.	None.	None.
Standby Mode	AC powered	Solid Green.	None.	None.
	Battery powered	Green LED flashes once every 60 seconds.	None.	None.
Alarm Mode	Initially triggered device	Red LED flashes 3 times every 4 seconds.	Sounds 3 times every 4 seconds.	None.
	Passively triggered device	None.	Sounds 3 times every 4 seconds.	None.
	Alarm off	Red LED flashes once every 1 second and lasts for 3 seconds.	None.	Smoke concentration is lower than that of alarm.

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Test Mode	Test a single alarm	Red LED flashes 3 times every 4 seconds.	Sounds 3 times every 4 seconds.	Lasts for 2 cycles.
	Test all interconnected units (initially triggered device)	Red LED flashes once every second.	1 beep every second.	Press and hold the "Test/Silence" button without releasing.
	Test all interconnected units (other passively triggered devices)	Red LED flashes once every second.	1 beep every second.	None.
Silence Mode		Red LED flashes 3 times every 4 seconds.	None.	Lasts for 9 minutes.
Memory Mode	Within 24 hours	Red LED flashes once every 5 seconds.	None.	Lasts for 24 hours.
	After 24 hours	Red LED lights up for 2 seconds and go off.	None.	Occurs when self-test ended.
Low Battery		Yellow LED flashes once every 60 seconds.	1 beep every 60 seconds.	Only LED flashes when silenced.
Device Malfunction		Yellow LED flashes twice every 60 seconds.	2 beeps every 60 seconds.	None.
End of Life		Yellow LED flashes three times every 60 seconds.	3 beeps every 60 seconds.	Only LED flashes when silenced.
Installation Mode	Initially triggered device	Red LED flashes once every second.	1 beep every second.	None.
	Other passively triggered devices	Red LED flashes once every 10 seconds.	1 beep every 10 seconds.	None.

<u>Ordering Information</u>

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
XS0F-PMA - 1 pack	1 x Alarm Unit	155 x 155 x 65 mm	495 g	36 units