

FLUSH MOUNT

CLIPSAL[®]
every room, every home

FIRE  **TEK**[®]
Flush Mount Smoke Detectors

755FM
Ionisation Smoke Detector

755PFM
Photoelectric Smoke Detector

The new and stylish low profile smoke detector from Clipsal

Sixty percent smaller • forty percent thinner





Product and installation overview

ULTIMATE STYLE AND QUALITY

- sleek, low profile design - provides a stylish and unobtrusive smoke detector that virtually blends into ceiling
- designed to complement existing interior decor. Same size as a low voltage downlight fitting
- large hush/test button to facilitate easy operation (e.g. with broom handle)
- red and green LED indicators clearly display unit status from all angles
- interconnect facility allows multiple units to be connected together. When one unit detects smoke, all units will sound alarm
- unit is protected from nuisance tripping via insect barrier mesh and an enclosed base that prevents dust from ceiling cavity entering detector module.

REMOVABLE DETECTOR MODULE

- removable detector module snaps into recessed base
- simple "Pull to Remove" operation
- access and replacement of battery is simple and safe, and can be performed by an unskilled person without risk of electric shock - simply pull detector module out from base to access battery compartment
- interlock mechanism prevents detector module from being secured to base without a battery fitted

FIXED MOUNTING BASE

- recessed mounting base provides a fixed connection point for wiring
- base incorporates quick-fit contacts automatically providing power to detector module
- ceiling hole cutout sized to suit standard 3½" hole saw (90mm)
- large flange on base hides ragged edges of cut-out hole in ceiling
- ceiling clamps attach base securely over a wide range of ceiling board thicknesses, from 8mm to 40mm
- hinged terminal cover pivots out of the way while fitting-off, allowing clear access to terminals
- terminal cover incorporates three cable entry options for single TPS cable, as well as additional break-outs for multiple power and interconnect cables
- large in-line terminals accommodate up to three 2.5mm² cables per terminal
- combination Phillips/slotted heads on all terminal and clamping screws
- hinged terminal cover allows clear access to terminals while holding unit with one hand
- base can be used as a power base for other future sensors and devices.



"World first unique, fully recessed design with super low profile mounting."



MODEL	TYPE	TYPICAL APPLICATIONS
755PFM	Photoelectric	<ul style="list-style-type: none"> • Lounge • Living areas • Bedrooms • Rumpus
755FM	Ionisation	<ul style="list-style-type: none"> • Hallway • Corridor • Study • Home office

Features and Benefits:

- super low profile, fully recessed design
- mains powered, 220-240V a.c. 50Hz 35mA
- 9V d.c. battery backup (included)
- quick fit-off/easy installation
- ultra reliable operation
- loud alarm indication: 85dB at 3 metres
- interconnectable up to 40 units
- low battery indication (audible and visual)
- Hush button to silence unwanted alarms
- built in test facility to check unit function
- unit cannot be operated without 9V battery fitted
- dust cover to prevent contamination during installation
- complies with Australian Standard AS3786, Smoke Alarms
- SSL/ActivFire listed
- quality endorsed Certified Product, SAI Global
- 5 year limited warranty.



Fixed mounting base

Base is recessed within ceiling cavity and provides fixed connection point for supply and interconnect cables.

Cover tilts away for easy access to wiring.



Removable detector module

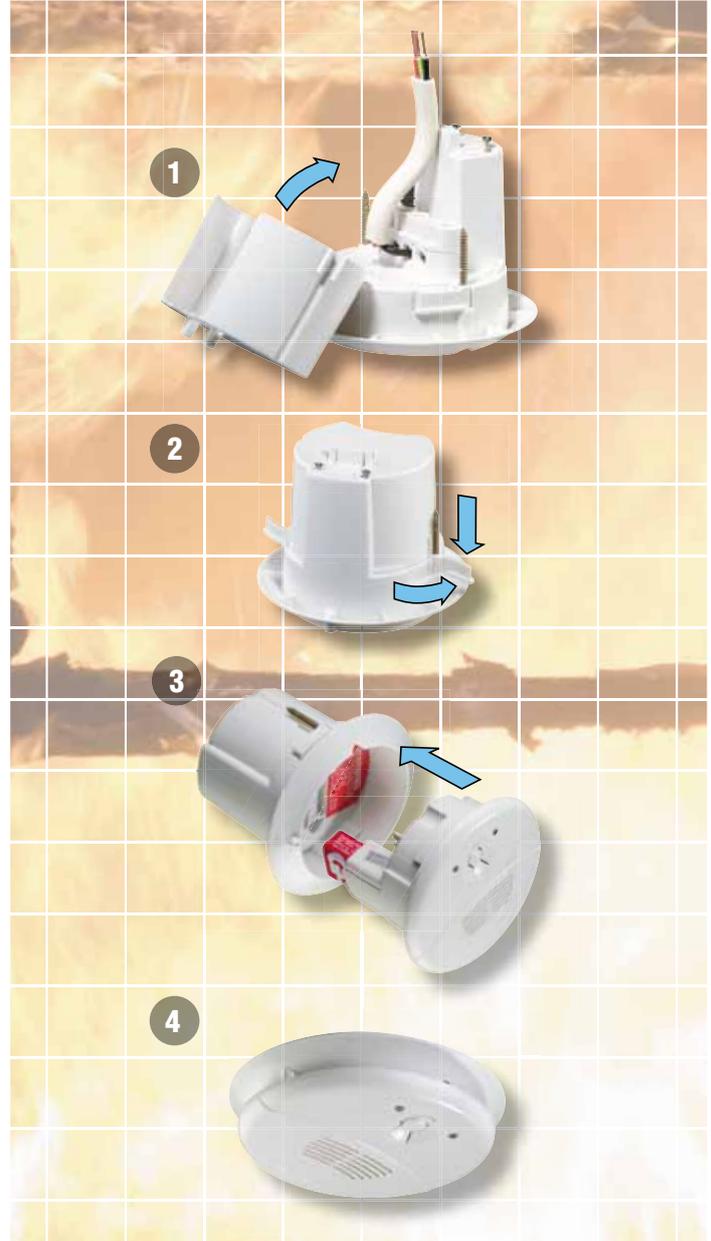
Detector module snaps into base with quick-fit contacts, providing safe access to battery without risk of electric shock.



Product Specifications

Installation

Technical Specifications		
Catalogue Number	755PFM	755FM
Primary Power Supply	220-240V a.c. 50Hz	
Secondary Power Supply	9V d.c. Alkaline Battery Backup	
Operating Current	35mA	
Detector Type	Photoelectric Chamber	Ionisation Chamber
	Unit contains no radioactive material	Americurium 241, <1kBq (1 microcurie)
Horn Level	85dB at 3 metres minimum	
Visual Indicators	Green LED for mains power ON Red LED for warning and low battery indication	
Low Battery Alarm	Yes Audible and Visual Alert	
Hush Mode	Yes Silences Unwanted Alarms, 10minutes	
Interconnect Facility	Yes 40 Alarms over 150 metres maximum	
Overall Dimensions	Ø108 x 102mm	
- Visible	23mm	
- Recessed	79mm	
Mounting Hole Size	Ø90mm cut-out (suits 3.5" Holesaw)	
Ceiling Clamp Range	9mm to 40mm	
Terminal Provisions	4 x Ø5.0mm Screw Terminals Active, Neutral, Earth/Loop and Interconnect	
Cable Range	1.0mm ² to 2.5mm ² , with up to 3 conductors per terminal - allows daisy chaining	
Approvals	Listed by ActivFire	
Complies With	AS3786, AS/NZS3100	
Certificate of Suitability	CS/1253/S	



Patent Pending
Australian Electrical Authority Certificate of Suitability CS/1253/S

Product of Clipsal Australia Pty Ltd

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