



Certificate of Conformity

Certificate num.	Registration date	Version	Issue date	Valid until	Page 1 of 2
afp - 981	1-Mar-1996	Number 19	20-Apr-2023	30-Apr-2024	

Product designation

Notifier, Model CPX-751AUS, normal sens. ionisation smoke detector

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Honeywell Security and Fire
9 Columbia Way, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Registrant

Honeywell Security and Fire
9 Columbia Way, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Producer

System Sensor, Ltd
3825 Ohio Avenue, ST CHARLES, IL, UNITED STATES, 60174

Conformance criteria and evaluation

The Notifier, Model CPX-751AUS, normal sens. ionisation smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.1-1990, 'Automatic fire detection and alarm systems - Heat detectors' incl. Amdt 1 (April 1995).

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Compatibility of this fire detector and its base assembly with new or existing control and indicating equipment should be verified prior to installation.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Notifier, Model CPX-751AUS, normal sens. ionisation smoke detector is an intelligent ionisation sensor that uses a state-of-the-art sensing chamber. This sensor is designed to provide open area protection and is intended for use with compatible control panels only.

Two LEDs on each sensor illuminate to provide 360° visibility of the sensor indication. The LEDs can be latched on by code command from the control panel for an alarm indication. The LEDs can also be unlatched to the normal condition by code command. Remote LED annunciator capability is available as an optional accessory (Part No. RA400Z)

Technical specification

The following details are a representative extract of the technical specification for the Notifier, Model CPX-751AUS, normal sens. ionisation smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Sensitivity (AS 1603.2-1990):	Normal
Voltage range:	15 to 32 Vdc peak
Maximum stand-by current:	200 µA @ 24 Vdc (no communication)
Maximum average stand-by current:	300 µA @ 24 Vdc (one communication every 5 sec. with LED blink enabled)
LED current:	6.5 mA @ 24 Vdc
Ionisation source:	Americium 241, 20 kBq
Operating temperature range:	0° to 60° C
Operating humidity range:	10% to 93% RH
Diameter:	10.4 cm (installed in a B501 base)
Height:	4.1 cm
Weight:	150 g

Tested base designation	Base + detector circuit type
Notifier, Model B501	Analogue Addressable
System Sensor, Model B501	Analogue Addressable