



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
	6-May-2025	Number 1	Issue date 6-May-2025	30-Apr-2026

Product designation

1, AJ-710 series, 240 Vac powered with battery back-up, hush/silencing facility, interconnectable, photoelectric smoke alarm

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

Agent/distributor

602, Floor 6, Building 15, Longbi Industrial area, No. 27, Dafa Road, Bantian Street, LONGGANG DISTRICT, SHENZHEN, GUANGDONG, CHINA, 518129

Registrant

602, Floor 6, Building 15, Longbi Industrial area, No. 27, Dafa Road, Bantian Street, LONGGANG DISTRICT, SHENZHEN, GUANGDONG, CHINA, 518129

Producer

602, Floor 6, Building 15, Longbi Industrial area, No. 27, Dafa Road, Bantian Street, LONGGANG DISTRICT, SHENZHEN, GUANGDONG, CHINA, 518129

Conformance criteria and evaluation

The 1, AJ-710 series, 240 Vac powered with battery back-up, hush/silencing facility, interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015) / Amdt 2 (30 October 2018).

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.

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 AJ-710 series, 240 Vac powered with battery back-up, hush/silencing facility, interconnectable, photoelectric smoke alarm consist of models AJ-710MR-9, AJ-710M-9, AJ-710M-3 and AJ-710MR-3. The smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm's primary power supply is an external 240 Vac supply. The smoke alarm includes a standby power supply from either a 9 Vdc battery which is user-replaceable or 3 Vdc 10-year lithium battery which is not user-replaceable depending on the model

The AJ-710 series, 240 Vac powered with battery back-up, hush/silencing facility, interconnectable, photoelectric smoke alarm senses smoke using photoelectric principle. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energised.

A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted. The Anka, AJ-710 series, photoelectric smoke alarm also incorporate a 'silence button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 8 minutes.

The Model AJ-710MR-9 is fitted with wired and an optional wireless communication interface, while the AJ-710MR-3 is fitted with both wired and an optional wireless communication interface. The smoke alarms can interconnect up to a maximum of 22 devices (wired or wirelessly).

The Model AJ-710M-9 and AJ-710M-3 is fitted with wired communication interface only. It can interconnect up to a maximum of 22 devices.

Technical specification

The following details are a representative extract of the technical specification for the Anka, AJ-710 series, 240 Vac powered with battery back-up, hush/silencing facility, interconnectable, photoelectric smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		Description
Type	Ident.	
Model	AJ-710MR-9	240 Vac externally powered photoelectric smoke alarm with a 9 Vdc user replaceable battery and wired and optional wireless interconnect ability.
	AJ-710M-9	240 Vac externally powered photoelectric smoke alarm with a 9 Vdc user replaceable battery and wired interconnect ability.
	AJ-710M-3	240 Vac externally powered photoelectric smoke alarm with a 3 Vdc lithium battery and wired interconnect ability.
	AJ-710MR-3	240 Vac externally powered photoelectric smoke alarm with a 3 Vdc lithium battery and wired and wireless interconnect ability.

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

	AJ-710MR-9	AJ-710M-9	AJ-710M-3	AJ-710MR-3
Sensing type:	Photoelectric (Type A)			
Main power source:	240 Vac mains			
Standby power:	9 Vdc battery (replaceable and not rechargeable)		3 Vdc lithium battery (not replaceable and not rechargeable)	
Battery list:	GP1604G and GP6F22		Huiderui CR123A	
Software version:	V1.0			
Interconnectivity:	Wired and optional wireless (up to 22 detectors)	Wired (up to 22 detectors)	Wired (up to 22 detectors)	Wired and wireless (up to 22 detectors)
Operating temperature range:	-10 °C to 50 °C			
Operating humidity range:	0% to 93% RH			
Alarm sound level:	85 dB at 3 metres minimum			
Alarm condition:	Audible signal pattern (ISO 8201)			
Silencing function:	Yes			
Dimensions:	Ø138 mm x 44 mm (h)			

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	AJ-710MR-9	AJ-710M-9	AJ-710M-3	AJ-710MR-3

Fixing method:	Screw fixing
Mounting:	Ceiling only.

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF3641/R1	Evaluation for Conformity of the Anka AJ-710 Series Photoelectric Smoke Alarms to the requirements of AS 3786-2014 +A1 +A2	02-May-2025	CSIRO, Fire Systems Laboratory, AU
Document	AJ-710-Manual-3V-Laboratory 2.0(3)_compressed.pdf	240V Mains Powered Photoelectric Smoke Alarm with 3V battery backup Models: AJ-710M-3 <small>(AJ-710-Manual-3V-Laboratory 2.0(3)_compressed.pdf)</small>	18-Apr-2025	Anka Sci-Tech Co. Ltd, CN
	AJ-710 MR-3V manual-Laboratory 2.0(3)_compressed.pdf	240V Mains Powered Photoelectric Smoke Alarm with 3V battery backup Models: AJ-710MR-3 <small>(AJ-710 MR-3V manual-Laboratory 2.0(3)_compressed.pdf)</small>	18-Apr-2025	
	710M-9 stand alone smoke alarm manual-Laboratory.pdf	240V Mains Powered Photoelectric Smoke Alarm with 9V replaceable battery backup Models: AJ-710M-9 <small>(710M-9 stand alone smoke alarm manual-Laboratory.pdf)</small>	11-Apr-2025	
	AJ-710MR-9 manual-Laboratory.pdf	240V Mains Powered Photoelectric Smoke Alarm with 9V replaceable battery backup Models: AJ-710MR-9 <small>(AJ-710MR-9 manual-Laboratory.pdf)</small>	11-Apr-2025	