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AJ-710 Series Hardware 240v Mains Powered Smoke Alarm

Sensor type	Photoelectric Smoke Sensor
Power Supply	220v-240v Mains powered
Battery type	DC 3V backup battery DC 9V Back up battery optional

The AJ-710 Series 240V Mains Powered Smoke Alarms use the latest split-spectrum sensor technology to greatly reduce false alarms from kitchen fumes or high humidity, and include 4 models with two options: wired/wireless interconnection (wired supports over 50 detectors, wireless connects 22+ units) and DC3V backup batteries (10-year life)/DC9V backup batteries (1-year replaceable life), ensuring under 3-second full-home response. Certified to Activfire AS3786, they meet Australia and New Zealand's latest regulations and building codes, and offer reliable mains power, seamless expandability, and a comprehensive smart safety solution for modern homes.







- Operation voltage: AC 220V-240V
  Backup batteries: DC 3V backup battery (10 years battery life)
- DC 9V Back up battery optional (1 years battery life)
- 10 Years product Life
- Low battery Alert
- End of Life indicator
- Test and silence button
- Hardware interconnection/wireless interconnection
- LED operating indicators – Power, Fault / Alarm
- Low battery warning indicator
- 2 year warranty
- Activfire AS3786 certification from CSIRO,SAA.RCM
- **Features**
- ✔ Wired Interconnection – Supports 50+ alarms in a single system.
- ✔ Wireless Interconnection – Connects 22+ devices (including ANKA heat & CO alarms)
- ✔ <3s response time.
- ✔ Flexible Models – Choose standalone wired or wireless-interconnected versions.
- ✔ Full Compliance – Meets latest safety standards for new residential buildings.
- Ideal for Smart Homes – Easily expand your safety network with ANKA's interconnected heat and carbon monoxide detectors.

Technical Specification

Model numbers	AJ-710M-9 220-240V Hardwire-connected Standalone Smoke Alarm with DC9V Replaceable Backup Battery AJ-710MR-9 220-240V Hardwire-connected + Wireless Interconnected Smoke Alarm with DC9V Replaceable Backup Battery AJ-710M-3 220-240V Hardwire-connected Standalone Smoke Alarm with DC3V Built-in Backup Battery AJ-710MR-3 220-240V Hardwire-connected + Wireless Interconnected Smoke Alarm with DC3V Built-in Backup Battery
Dimensions	140*43mm
Description	Hardware 240v Mains Powered Smoke Alarm
Technology	Photoelectric Smoke Sensor
Back Battery Life	10years for DC3V back up version, 1 years for DC9V backup version
Product life	10 years
Alarm sound level	85dbat 3 metres
Battery type	DC3Volt Lithium CR123A battery @1pc
low voltage threshold	2.6V
Operation AC/DC	DC
Alarm Model	LED+buzzer
Installation positions	Ceiling mounted wall hanging, recommended installation height 2-3 meters
Fire rating	V-0
Operating temperature	'-10℃~+50℃
Operating humidity	≤80%
Warranty	2 years

Approvals	Activfire AS3786 from CSIRO ,ISO,Rohs,Sedex
Function Description	Alarm conditions: When the alarm detects combustion products and sounds an alarm, the red LED will light up three times continuously for 1S08201(Bl 0.5s - pause 0.5s - Bl 0.5s pause 0.5s - Bl 0.5s -pause 1.5s with the red LED flash, repeat this alarm pattern. The alarm will continue to sound until the smoke is cleared. Low voltage state: The alarm requires sufficient power (9V DC battery) to operate continuously.If the smoke alarm enters a low voltage state. The device emits an audible "B!" every 40seconds and flash the red LED once. When this situation occurs, the battery must be replaced immediately. Your smoke alarm will continue to emit low voltage alarms for approximately 30 days, but if the battery is not replaced after this time, the alarm will not function properly, which means that the smoke alarm will not sound the alarm correctly to you in case of a fire. After replacing the battery, the low battery warning will stop. Alarm silence: Attention: When the smoke alarm emits an alarm state: Press the button, and the alarm will stop sounding. If smoke persists, the alarm will resume sounding after about 8 minutes. During the silence period, if the smoke concentration decreases and the alarm will return to normal operation. The red LED status light will flash every 60 seconds. Battery replacement:The secondary backup power supply of this smoke alarm is powered by a 9V carbon battery. The lifespan of the battery is 1 year. Attention: Whenever replacing the battery, use testing equipment to test the correct operation of the smoke alarm.When replacing the smoke alarm battery, it is recommended to use the following 9Vbatteries. Carbon zinc battery: GP1604G or GN1604G.Attention: Please install the battery with the correct polarity, otherwise the alarm will not function properly. Attention! This smoke alarm must be installed by a qualified electrician.This smoke alarm is not suitable for installation on walls (vertical);Alarm will not attach to mounting bracket unless battery is installed correctly. Forcefully attaching to mounting bracket without properly installing the battery may cause structural damage to the device