

Interconnect Photoelectric Alarm KA20LL-2



Overview

The Kidde Mains-powered optical smoke alarm can be interlinked with up to 23 other Kidde mains alarms. This includes optical and heat alarm.

Once interlinked, the detection of the relevant danger by an individual unit will sound across all the connected alarms in the network.

Where to use

Photoelectric alarms are for use in escape or circulation routes and in areas where there is a danger of ignition of furniture and surroundings by cigarettes producing slow, smouldering fires. These alarms comply with AS3786:2014 standards.

This mains-powered unit must be installed by a qualified electrician and can be used throughout the home, except in the kitchen where a Kidde Heat Alarm is recommended

Standard Features

- **Kidde alarms**
Connect up to 24 Kidde hard-wired alarms, if danger is detected all alarms will sound
- **Alarm**
Identifies source unit within interconnecting
- **Combined Test/Hush button**
Allows regular testing of alarm function and can be used to temporarily silence nuisance alarms
- **Auto Reset**
Alarm will auto reset after activation
- **Mains operation**
10 year back-up battery supplied
- **Australian Standards approved**
Complies with Australian Standard AS 3786:2014 incl. Amdt 1



Australia & New Zealand

Phone: 1800 672 171

Outside Australia: +61 3 9518 5588

Email: cs@firesecurityproducts.zendesk.com

Web: www.kidde.com.au

Head Office

10 Ferntree Place

Notting Hill, Victoria 3168

Australia

© 2021 Carrier. All rights reserved.
Kidde Australia is a Carrier company.

Specifications

Approval	KA20LL-2
Power Source	240V mains-powered with 9V Alkaline battery back-up
Sensor	Photoelectric, circular lateral chamber with insect-resistant width, 9-slot entry portals
Chamber Size	35mm outside diameter x 16mm depth approximate (external)
Detection Band	Infrared light wavelength
Button Test	simulates the effect of smoke at the sensor, checks electronics and sounder
Automatic Self Test	Circuitry is tested and unit beeps (chirps) if fault is detected
Supply Voltage	240V AC, 50 Hz
Connection	Termination to base screw and clamp 5.5mm ² terminal
Battery Back-up	0 year battery - no need to replace
Power-on Indicator	Continuous green LED
Alarm Sounder	Electronic piezo-electric sounder (T3 pattern sound - three pulses - space - three pulses)
Sound Output	85dB (A) minimum at 3 metres
Alarm Frequency	3.2 kHz typical
Alarm Status	Red LED flashes approx once every five minutes = normal operation Red LED flashes once a second = sensing smoke (sounder alarm sounds) Red LED flashes once every ten seconds = in hush condition (auto-reset after 15 minutes)
Interconnection	Up to 24 Kidde units (smoke and heat) can be hardwire interconnected
Fixing	Mounting bracket ring supplied with two 'T' slot fitting option
Dimensions	127 x 48 x 127mm
Alarm	133 x 6 x 133mm
Weight	290g
Storage and Transport	-20°C to +60°C and 5–95% relative humidity (RH) non-condensing
Temperature	0°C to + 40°C
Humidity	Up to 93% Relative Humidity (RH) non-condensing
Warranty	10 year warranty
Certification	Australian Standard AS 3786:2014 incl. Amdt 1

Ordering Information

Bar Code	Code	Pack Qty	Dimensions	Weight	Pallet Qty
9315546371608	KA20LL-2	Each	135 x 54 x 135 mm	034 kg	576 Units
29315546371602	KA20LL-2	Inner Box 6	358 x 150 x 143 mm	2.22 kg	
69315546371600	KA20LL-2	Outer Carton 24	373 x 325 x 310 mm	9.45 kg	