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# KANE ASSET MANAGER (KAM)



We really want you to register your KANE78 at [www.kane.co.uk](http://www.kane.co.uk) to create your KAM dashboard



Benefits include:  
Automatic reminder of when replacement is required



## Welcome

KANE78  
iD Safe™ Personal  
CO Alarm & ID Holder

# iD Safe™



[www.kane.co.uk](http://www.kane.co.uk)

MAN00123 REV 0.1220



This product conforms with the following:-



RoHS



Please recycle packaging. Made in PRC



### Customer Service

Outside UK Call +44 1707 375550

# 0800 059 0800

Email: [sales@kane.co.uk](mailto:sales@kane.co.uk)

**Northern Customer Service**  
**Kane International Ltd**  
Gibfield Park Avenue, Atherton,  
Manchester, M46 0SY, UK  
Email: [nservice@kane.co.uk](mailto:nservice@kane.co.uk)

**Southern & International Customer Service**  
**Kane International Ltd**  
Kane House, 11 Bessemer Road,  
Welwyn Garden City, Hertfordshire, AL7 1GF, UK  
Email: [sservice@kane.co.uk](mailto:sservice@kane.co.uk)

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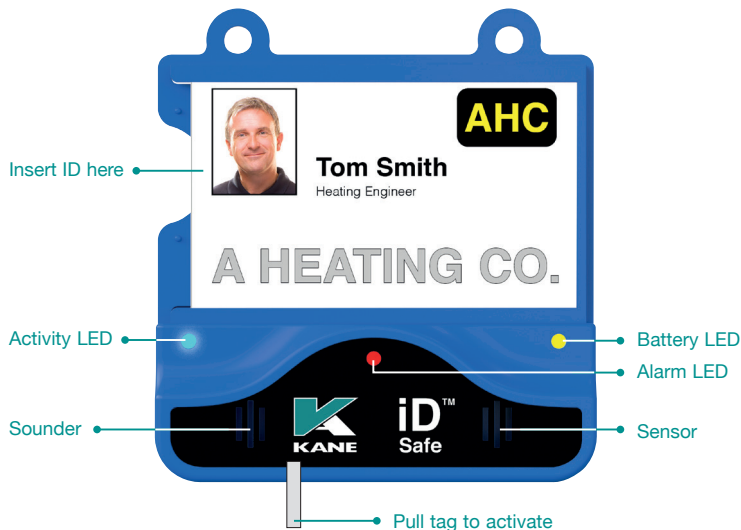
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# Hello

## KANE78 getting started

- 1 Know your KANE78
- 2 Use: Alarm levels, warning, bump test, general maintenance & cleaning
- 3 Specification & Declaration of Conformity
- 4 KANE ASSET MANAGEMENT (KAM)

### 1 Know your KANE78



#### Description

The KANE78 is a personal CO alarm, once activated the unit will operate for up to 2 years in normal operation

### 2 Use

#### Alarm Levels

In accordance with EH40/2005 (Fourth Edition 2020)

Alarm LED Alarm trigger point CO >20ppm

Battery LED Replace iD Safe™

Activity LED iD Safe™ is active



#### Warning!

If CO levels in a room or space exceed 20ppm it is strongly recommended that any appliances are switched off & that the space is evacuated & ventilated before anybody returns to the area. If in any doubt seek expert advice

#### Bump Test

Users of portable gas detectors are recommended to conduct a "bump" check before relying on the unit to verify an atmosphere is free from hazard

A "bump" test is a means of verifying that a detector is working within acceptable limits by briefly exposing to a known gas mixture formulated to change the output of all the sensors present. (This is different from a calibration where the instrument is also exposed to a known gas mixture but is allowed to settle to a steady figure & the reading adjusted to the stated gas concentration of the test gas)

#### General Maintenance

Keep your KANE78 dry, if it gets wet wipe dry immediately as liquids can degrade electronic circuits

Whenever practical, keep the KANE78 away from dust & dirt  
Although your KANE78 is built to withstand daily use, it can be damaged by impacts  
Use reasonable caution when using & storing the KANE78

#### Cleaning

Periodically clean your KANE78 using a dry lint free cloth  
DO NOT use abrasive, flammable liquids, cleaning solvents, or strong detergents as they may damage the finish, impair safety, or affect the reliability of the structural components

#### Warranty

Manufacturer's warranty 12 months

Audible alarm ≥ 75db

### 3 Specification

Parameter	Accuracy	Range
Carbon Monoxide	+/- 5ppm to 100ppm	0-300ppm
Dimensions (approx.)	93mm x 106mm x 23mm	
Weight	51g	
Ambient Operating Range	0°-40°C 10% to 90% RH non-condensing 850 to 1100 mbar atmospheric pressure	
Battery Life	Up to 2 years in normal operation (or >2800 hours in alarm)	

#### EU Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer:-

#### Kane International Ltd.

Kane House, 11 Bessemer Road, Welwyn Garden City, Hertfordshire. AL7 1GF, UK.

Tel: +44 1707 375550

Web: www.kane.co.uk

The KANE78 is in conformity with the relevant Union harmonization legislation below:

Directive	Title
201430EU	Electromagnetic Compatibility (EMC)
201165EU	Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

The following harmonised standards and technical specifications have been applied:

<b>Certification</b>	The KANE78 is tested to the following standards
<b>EMC</b>	EN61326-1:2013
<b>Safety</b>	EN61010-1:2010 + A1:2019
<b>RoHS</b>	IEC62321-2:2013, IEC62321-1:2013, IEC62321-3-1:2013, IEC62321-5:2013, IEC62321-4:2013, IEC62321-7-2:2017, IEC62321-7-1:2015, IEC62321-6:2015



Signed for on behalf of:- Kane International Ltd.  
11<sup>th</sup> August 2020

Paul Morrison  
Engineering Manager