

Ten4



Battery powered optical smoke alarm specifically developed for Community Fire Safety programmes and fast protection in social housing – **Ten4**

- **NEW** low-battery 'silent early warning' approaching end-of-life, avoiding night-time disturbance
- **FULL** 10-year life guaranteed for alarm and sealed-in battery
- **NEW** smaller 4" diameter - less storage space and visual impact
- **NEW** user-friendly 'reduced sound' feature when testing
- **REAL** cost savings you can't ignore and no yearly commitments

NEW

Easy to use: **Ten4**

A flashing, red LED indicates that the unit is operating. It will produce an 85dB audible alarm sound level at 3 metres and auto-resets after an alarm activation. **TEN-4** has a single, distinctive, large central Test and Hush button which is easy to operate – especially by the elderly or infirm – which checks the sounder, battery & electronic circuits. It can also be used to temporarily silence nuisance alarms.



Easy to support: **Ten4**

TEN-4 is a high quality product, subject to the most stringent quality control procedures, from the largest manufacturer in the world. A comprehensive, easy to use manual is provided to ensure trouble-free operation. If any post-installation issues arise during its 10-year guaranteed life, a Customer Support Help Line is available to resolve them quickly. Customers can use a dedicated 'freephone' number (usable from both the UK and Eire).

In the unlikely event that an issue cannot be resolved by phone, a new replacement will be dispatched (with a 'freepost' container for return of the old alarm for analysis). Each alarm is also individually serial numbered for traceability.

Technical Information

Electrical Rating	80mA max per alarm
Operating Range	4.5°C to 37.8°C
Relative Humidity	up to 85%
Flame retardant plastic	UL certified
Model No.:	10Y29

Dimensions and packaging

104mm diameter x 41mm depth	
Weight	105g
Weight including carton, manuals, fixings	135g
Individual cartons are packed in outers of 6	

Heritage

Kidde's heritage goes back to 1917 with the founding of the Walter Kidde Company in the USA, which produced the world's first integrated smoke detection and carbon dioxide extinguishing system for use on-board ships. Today, Kidde produces over 30 million CO, smoke and heat alarms every year for its international customer base at its Manufacturing Centre in China.

This 280,000² ft facility has internationally recognised ISO 9000 quality certification, as well as a regular stream of quality awards. In addition, as part of the multi-billion dollar United Technologies Corporation (UTC), Kidde employs

UTC's 'Achieving Competitive Excellence' (ACE) continuous improvement process programme.



Kidde has many sister companies worldwide specialising in fire safety – including Angus, from which many fire brigades will be supplied with hose and foam concentrate.



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Kidde reserves the right to alter its products and specifications without notice in line with best practice and continuous improvement.

From the **world's largest** smoke, heat and CO alarm manufacturer with unrivalled expertise in fire safety

Better by any measure



EN14604: 2005
Licence No. KM524754

Better for Social Housing Fast Protection: **Ten4**

TEN-4 is ideal for local authority and housing association use, particularly as it can be quickly installed by the maintenance team. With its sealed-in whole-life battery and base-plate locking option, it minimises tampering issues and provides continuing protection. **TEN-4** is made by the world's largest manufacturer and has a full 10-year guarantee. Kidde's competitive pricing will meet any Best Value criteria, making **TEN-4** the responsible choice.

Features

NEW Increasing End-of life Alerts

Towards the end of its 10-year life, **TEN-4** provides a unique, extra, visual early warning of low battery level with a flashing LED, but no sound. Then, after 30 days, the alarm then 'chirps' for 30 days more to reinforce end-of-life.

NEW Reduced Sound Testing

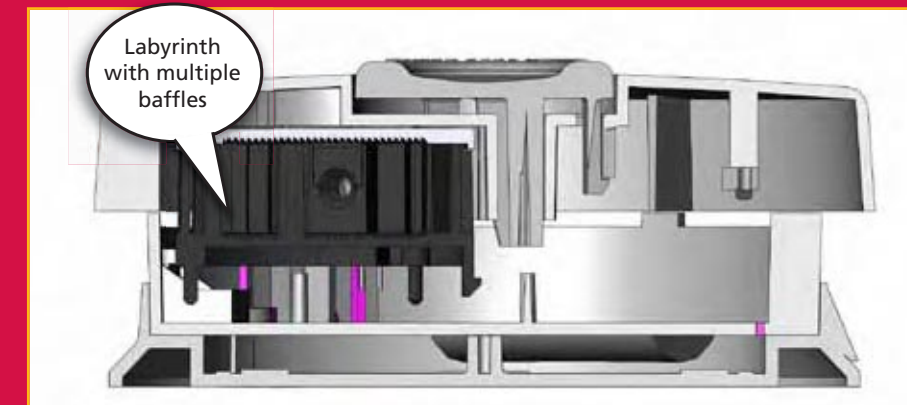
Kidde's unique "reduced sound" feature protects occupants from the full 85dB when testing the alarm. Holding the test button produces an initial lower sound level of 'beeps'. This pattern ramps up to full volume if the button is held for five seconds. If the unit does sense smoke, the alarm always sounds at the full 85dB level.

NEW Labyrinth Chamber Design

With **TEN-4**, the photo chamber – the key component – consists of two halves that fit tightly together with no gap between them. The chamber walls form a labyrinth with multiple baffles which:

- prevent light transmission into and out of the chamber
- prevent bugs from entering the chamber.

A dust mesh is also fitted to prevent ingress of contaminants.



Tamper-proof Sealed-in Battery

Battery specification is critical to long term performance and the **TEN-4** is powered by a high performance FDK (Fuji) lithium battery which is integral to the unit and soldered onto the PCB. As part of the unique **TEN-4** design, the battery is not activated until the alarm is mounted onto the base plate, so preserving its freshness until needed.

End-of-life Battery Deactivation

When it finally reaches its 10-year 'end-of-life' (after the increasing alert sequence described earlier), the alarm is simply removed from its base, with no further intervention needed to silence it. Removing the alarm from its base activates the "sleep mode" switch, which silences any chirping and stops LED flashing, effectively disabling the alarm.

Easy to install: **Ten4**

TEN-4 is supplied with a separate base plate, and fixings and screws (sticky pads are available as accessories), as well as a comprehensive Owner's Manual with fixing and siting instructions (also downloadable as a PDF from our website). The alarm simply clicks into position on the base plate, automatically powering and activating the unit.



For maximum protection fit one alarm per floor, giving priority to sleeping areas. Avoid dead air spaces and minimum distance recommendations from sources of steam (as detailed in the Manual).



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TEN-4 is a self-contained, state-of-the-art Optical Smoke Alarm packed with innovations and developed for Community Fire Safety Programmes and fast protection in social housing. It is specially designed for quick and simple installation by non-electricians and features a separate base plate and tamper-proof locking option.

TEN-4 has a new compact design and a smaller diameter of just 104mm, reducing storage space and visual impact when installed. It is BSi Kitemarked (EN14604) and both smoke alarm and sealed-in battery are guaranteed for a full 10-year life.

Benefits

Better for Community Fire Safety Programmes: **Ten4**

Kidde has real expertise in serving fire and rescue services over many years, alongside its UTC sister company Angus. Kidde listens to what fire brigades want and the new **TEN-4** alarm was developed as a direct result of feedback from them in the UK and



Eire. For example, the new design takes up around a third less valuable vehicle storage space and combines sophisticated features with simple installation and use.

TEN-4 is a clear demonstration of Kidde's response to today's budgetary pressures. It offers a real alternative for smart purchasing with cost savings that can't be ignored and no yearly commitments, giving the freedom to make responsible choices.

