

## EU Declaration of Conformity (in accordance with 93/68/EEC)

We, Pyronix Limited, located at the above address declare under our sole responsibility that the products, to which this declaration relates, meet the essential requirements and are in conformity with the relevant EU requirements.

**Certificate number: PYR045 Issue 3**

**We accept all the responsibilities for the products mentioned below.**

**The Products Covered by this Declaration:**

Model Number	Product Name
361301136	KX12DQ-WE KX12DQ 12m Wireless detector
361301547	KX12DQBAN-WE KX12DQ-WE Banhams KX12DP 12m Wireless detector
361301135	KX12DQC-WE KX12DQ 12m Wireless detector Conf
361300016	KX12DQHT-WE KX12DQ 12m Wireless detector high temperature
361301548	KX12DQHT-WE-BE KX12DQ 12m Wireless detector high temperature Belgium
201100760	KITKX12DQ-WE Kit KX12DQ 12m Wireless detector
201100712	KITKX12DQHT-WE Kit KX12DQ 12m Wireless detector high temperature

Mentioned model numbers above are under the coverage of these directives.

**The EU Directives covered by this Declaration:**

**2014/53/EU** - Radio Equipment Directive (RED)

**2011/65/EU** - EU RoHS restriction of the use of certain hazardous substances in electrical and electronic equipment

**The Basis on which Conformity is being declared:**

The products identified above comply with the requirements of the above EU Directives by meeting the below standards though design and manufacturing processes.

**We hereby declare that these standards are valid for the products mentioned above.**

**Article 3.1a – Safety:**

**IEC 62368-1:2014** Audio/video, information and communication technology equipment. Safety requirements

**Article 3.1b – Electromagnetic Compatibility:**

**EN 61000-6-3: 2007 + A1: 2011 EMC.** Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.

**EN 50130-4: 2011 + A1: 2014** Alarm systems. Electromagnetic compatibility. Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems.

**ETSI EN 301 489-1:V2.1.1** Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

**ETSI EN 301 489-3: V1.6.1 (2013-08)** Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.

**Article 3.2 – Radio Spectrum:**

**ETSI EN 300 220-2 V3.1.1 (2017-02)** Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment.

**Other**

**EN 50581** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Other Standards**

**EN 50131-1: 2006 + A1: 2009+A2: 2017** Alarm systems – Intrusion and hold-up systems – Part 1: System requirements

**EN 50131-2-2: 2008** Alarm systems. Intrusion and hold-up systems. Intrusion detectors. Passive infrared detectors.

**EN 50130-5: 2011** Alarm systems. Environmental test methods

**EN 50131-5-3: 2005 + A1: 2008** Alarm systems. Intrusion systems. Requirements for interconnections equipment using radio frequency techniques

The technical documentation supporting this declaration is available at the above address for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2013.

The products described above comply with the essential requirements of the directives specified.

Name Steven Fazey Signed *Steven Fazey*  
Authority Compliance Engineer Date 10<sup>th</sup> May 2019

### ATTENTION!

I hereby declare that the aforementioned products have been designed to comply with the relevant sections of the above referenced specifications. Pyronix Limited can only guarantee compliant operation when installed and operated according to the installation and user manuals that accompany the product(s).

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Security Grade 2  
Environmental class II  
PD6662: 2017

Results: -  
Effective Radiated Power:  
ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 7.3.3 < 12dBm (Limit 14dBm/25mW)  
Transient Power  
ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 7.5.3 > -42dBm (Limit -36dBm/0.0002mW)  
Duty cycle does not exceed 1%

