Pyronix Limited,
Secure House,
Braithwell Way, Hellaby,
Rotherham, South Yorkshire
S66 8QY. ENGLAND, UK
Registered in England: 1996478

0786

EU Declaration of Conformity

(in accordance with 93/68/EEC)

We, Pyronix Ltd., 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: PYR029 Issue 3

We accept all the responsibilities for the products mentioned below.

The Products Covered by this Declaration:

Model Number	Product Name
SMOKE-WE	Wireless smoke detector

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

The EU Directives covered by this Declaration:
2014/30/EU - EU Electromagnetic Compatibility (EMC) Directive
2011/65/EU - EU RoHS restriction of the use of certain hazardous substances in electrical and electronic equipment
305/2011 - Construction Products Regulations (CPR) – see declaration of performance on the next pages as required by this Directive
1999/5/EC - Radio Equipment and Telecommunication Terminal Equipment directive (R&TTE).
Excluded from 2014/35/EU – EU Low Voltage Directive (LVD)

The Basis on which Conformity is being declared:
The products identified above comply with the requirements of the above EU Directives by meeting the following standards:

EN 14604: 2005 + AC: 2008 Smoke alarm devices
EN 61000-6-3:2007 + A1: 2011 EMC. Generic emission standard. Residential, commercial and light industry.
EN 50130-4:2011 + A1: 2014 Immunity requirements for components of fire, intruder and social alarm systems.
EN 50131-5-3: 2005 + A1: 2008 Alarm systems – Intrusion and hold-up systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques
ETSI EN 300 220-2 V2.3.1 ERM; SRD; Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive.
ETSI EN 300 330-2 V1.5. ERM; SRD; Technical characteristics and test methods for radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz
ETSI EN 301 489 -3 V1.4.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); 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 40 GHz

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**	**4th May 2016**

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).

List of essential characteristics of construction product according to EN14604

According to Construction Products Regulation EU 305/ 2011

European harmonized standard:	**EN 14604:2005+AC:2008** Smoke alarm devices
Name of construction product:	SMOKE-WE
Declared intended use of product in accordance with harmonised standard*:	Photo electric type smoke detector for use in and installed in and around buildings (private residential premises only) suitable for BS 5839 part 6 grade F (battery operated smoke alarms).

No.	***Essential characteristics of the product***	***Harmonised standard*** **EN 14604:2005 +AC:2008**	**NPD ND**** ***Scope of essential characteristics regarding intended use of product (place „+" or „NPD" or "NA") *****
	Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
1	*Smoke alarm signals*	4.12	Passed
2	*Inter-connectable smoke alarms*	4.18	N/A
3	*Repeatability*	5.2	Passed
4	*Directional dependence*	5.3	Passed
5	*Initial sensitivity*	5.4	Passed
6	*Air movement*	5.5	Passed
7	*Dazzling*	5.6	Passed
8	*Fire sensitivity*	5.15	Passed
9	*Sound output*	5.17	85dB(A) at 3m
10	*Sounder durability*	5.18	Passed
11	*Inter-connectable smoke alarms*	5.19	N/A
12	*Alarm silence facility*	5.20	Yes - push button
	Operational reliability		
13	Compliance	4.1	Passed
14	*Individual alarm indicator*	4.2	Yes - red LED
15	*Mains-on indicator*	4.3	N/A
16	*Connection of external ancillary devices*	4.4	N/A
17	*Means of calibration*	4.5	N/A
18	*User replaceable components*	4.6	Battery only
19	*Normal power source*	4.7	Battery
20	*Standby power source*	4.8	N/A
21	*Electrical safety requirements*	4.9	Passed
22	*Routine test facility*	4.10	Passed
23	*Terminals for external conductors*	4.11	N/A
24	*Battery removal indication*	4.13	Yes - label
25	*Battery connections*	4.14	Passed
26	*Battery capacity*	4.15	Passed
27	*Protection against the ingress of foreign bodies*	4.16	Passed
28	*Additional requirements for software controlled smoke alarms*	4.17	Passed
29	*Marking and data*	4.19	Passed
30	*Impact*	5.11	Passed
31	*Battery fault warning*	5.16	Yes - flashing LED
32	*Battery reversal*	5.22	Passed
33	*Back-up power source*	5.23	N/A
34	*Electrical safety – assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire*	5.24	Passed
	Tolerance to supply voltage		
35	*Variation in supply voltage*	5.21	N/A - battery only
	Durability of operational reliability,temperature resistance		
36	*Dry heat (operational)*	5.7	Passed
37	*Cold (operational)*	5.8	Passed
	Durability of operational reliability, vibration resistance		
38	*Vibration (operational)*	5.12	Passed
39	*Vibration (endurance)*	5.13	Passed

	Durability of operational reliability, humidity resistance		
40	*Damp heat (operational)*	5.9	Passed
	Durability of operational reliability, corrosion resistance		
41	*Sulphur dioxide (SO_2) corrosion (endurance)*	5.10	Passed
	***Durability of operational reliability,* electrical stability**		
42	*Electromagnetic compatibility (EMC), immunity (operational)*	5.14	Passed

***** *Define precise intended use or uses of construction product including requirements in place where producer intends to put product on market.*

****** *No Performance Determined*
Essential characteristics to be determined by CNBOP-PIB, should be marked with „+", in other case place "NPD" (No Performance Determined).
NOTE: For components to which the requirement does not apply, please indicate „NA" (not applicable).

3rd February, 2015
Date

Steven Fazey
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Steven Fazey
Compliance Engineer
Legibly name, surname, signature