EC DECLARATION OF PERFORMANCE

Issued in accordance with the Construction Products Regulation EU N° 305/2011

This is to certify that in compliance the Council Directive 305/2011 Construction Products Regulation, this declaration applies to :

Declartion Number :	2831-CPR-F0563
Product(s) :	CHQ-WSB2/RL, CHQ-WSB2(WHT)/RL, CHQ-WSB2/RL-HFP, CHQ-WSB2(WHT)/RL-HFP
Manufacturer :	Hochiki Europe (UK) Limited Grosvenor Road Gillingham Business Park Gillingham Kent, ME8 0SA United Kingdom
Description :	Intelligent Analogue Addressable Typa A/B Wall Sounder VAD (Red LED)
Intended Use :	For use in fire detection and alarm systems for buildings.

This declaration is issued under the sole responsibility of the manufacturer and we hereby declare that the product identified above meets the requirements of the following:

Standards

EN54-3:2001 + A1:2002 + A2 :2006	Fire detection and fire alarm systems. Sounders
EN 54-23 :2010	Fire detection and fire alarm systems. Visual alarm devices.
for the intended uses indicated above have been determined (1) See Annex A for the Essential Characteristics details (2) See Annex B for additional performance details	

Directives

Construction Products Regulation	EU 305/2011
Please refer to seperate Declartion of Conformity in respect of EU 768/2008/EC Annex III (DofC)	

EC Type Examination

Assessed by :	BRE Global Limited (Notified Body 2831) has performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued following certificate of conformity : **2831-CPR-F0563**
System of Assessment	System 1
Authorised representative:	Mr Mirco Damoli, Managing Director, Hochiki Italia Srl a s.u

Please see additional conformity information on page 2.

For further information visit https://store.hochikieurope.com/

Annex A – Essential Characteristics

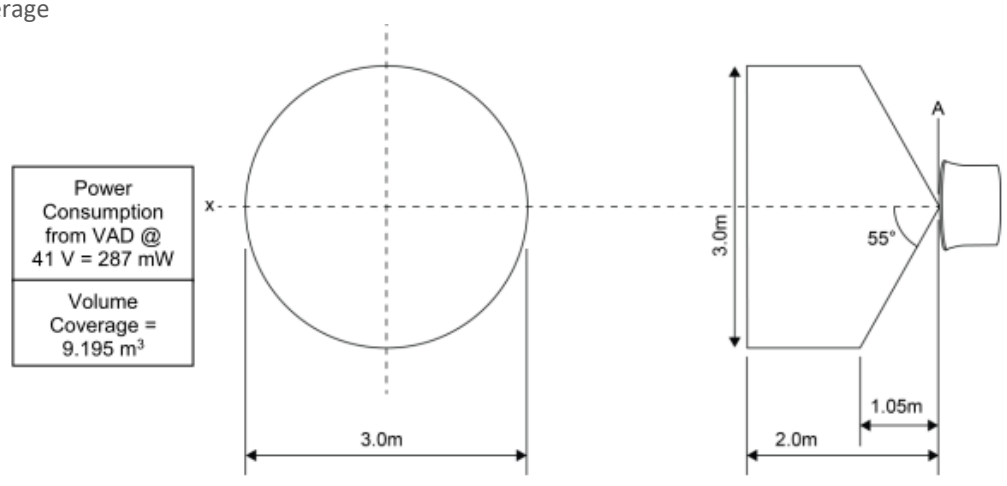
Essential Characteristics	EN54-3:2001 + A1:2002 + A2 :2006 (Clause)	EN54-23:2010 (Clause)	Performance
Operational reliability:			
Duration of operation	4.2.1	4.2.1	Pass
Provision for external conductors	4.2.2	4.2.2	Pass
Flammability of materials	4.2.3	4.2.3	Pass
Enclosure protection	4.2.4	4.2.4	Pass
Access	4.2.5	4.2.5	Pass
Manufacturer's adjustments	4.2.6	4.2.6	Pass
On-site adjustment of behaviour	4.2.7	4.2.7	Pass
Requirements for software-controlled devices	4.2.8	4.2.8	Pass
Performance parameters under fire condition:			
Coverage volume	4.3.1	4.3.1	Pass
Sound pressure level	N/A	N/A	
Variation of light output	4.3.2	4.3.2	Pass
Minimum and maximum light intensity	4.3.3	4.3.3	Pass
Frequencies and sound patterns	N/A	N/A	
Light colour	4.3.4	4.3.4	Pass
Light temporal pattern and frequency of flashing	4.3.5	4.3.5	Pass
Performance of voice sounders - sequence timing	N/A	N/A	
Marking and data	4.3.6	4.3.6	Pass
Synchronization (option with requirements)	4.3.7	4.3.7	Pass
Temperature resistance:			
Dry heat (operational)	4.4.1.1	4.4.1.1	Pass
Dry heat (endurance)	4.4.1.2	4.4.1.2	Pass
Cold (operational)	4.4.1.3	4.4.1.3	Pass
Humidity resistance:			
Damp heat, cyclic (operational)	4.4.2.1	4.4.2.1	Pass
Damp heat, steady state (endurance)	4.4.2.2	4.4.2.2	Pass
Damp heat, cyclic (endurance)	4.4.2.3	4.4.2.3	Pass
Shock and vibration resistance:			
Shock (operational)	4.4.3.1	4.4.3.1	Pass
Impact (operational)	4.4.3.2	4.4.3.2	Pass
Vibration (operational)	4.4.3.3	4.4.3.3	Pass
Vibration (endurance)	4.4.3.4	4.4.3.4	Pass
Corrosion resistance:			
SO2 corrosion (endurance)	4.4.4	4.4.4	Pass
Electrical stability:			
EMC, immunity (operational)	4.4.5	4.4.5	Pass

Annex B – Additional Performance Details

Approved Tones

1 – 925 Hz : 250 ms / 628 Hz : 250 ms
2 – 925 Hz Continuous
3 – 628 Hz Continuous
4 – (French) 554 Hz : 100 ms / 440 Hz : 400 ms
5 – (Swedish) 660 Hz : 150 ms / Off : 159 ms
6 – 925 Hz : 150 ms / Off : 600 ms
7 – 670 Hz : 250 ms / 845 Hz : 370 ms
8 – Whoop 500 Hz – 1200 Hz : 3000 ms / Off : 500 ms
9 – 1200 Hz : 500 ms ? 500 Hz : 500 ms
10 – 970 Hz : 500 ms / Off : 500 ms
11 – Sweep 800 Hz – 970 Hz over 140 ms (7 Hz)
12 – Sweep 800 Hz – 970 Hz over 1000 ms (1 Hz)
13 – Sweep 800 Hz – 970 Hz over 20 ms (50 Hz)
14 – Sweep 2400 Hz – 2850 Hz over 140 ms (7 Hz)
15– Sweep 2400 Hz – 2850 Hz over 1000 ms (1 Hz)
16– Sweep 300 Hz – 1200 Hz over 1000 ms (1 Hz)
17 – ISO8201 : 970 Hz : 500 ms / Off : 500 ms
18 – ISO8201 : 8250 Hz : 500 ms / Off : 500 ms
19 – 800 Hz : 250 ms / 970 Hz : 250 ms
20 – 2850 Hz Continuous
21 – 2400 Hz : 250 ms / 2850 Hz : 250 ms
22 – 800 Hz : 250 ms / 2850 Hz ; 500 ms
23 – 2850 Hz : 500 ms / Off : 500 ms
24 – 925 Hz : 250 ms / Off : 1000 ms
25 – 970 Hz Continuous
26 – 660 Hz : 1800 ms / Off : 1800 ms
27 – 660 Hz : 6500 ms / Off : 13000 ms
28 – 660 Hz Continuous
29 – 554 Hz : 500 ms / 440 Hz : 500 ms
30 – 660 Hz : 500 ms / Off : 500 ms
31 – 2850 Hz : 150 ms / Off : 100 ms
32 – Sweep 2400 Hz – 2850 Hz over 20 ms (50 Hz)
33 – Sweep 800 Hz – 970 Hz over 500 ms (2 Hz)
34 – 988 Hz : 250 ms / 645 Hz : 250 ms
35 – 510 Hz : 250 ms / 610 Hz : 250 ms
36 – Sweep 800 Hz – 970 Hz over 110 ms (9 Hz)
37 – Sweep 800 Hz – 970 Hz over 330 ms (3 Hz)
38 – 845 Hz Continuous
39 – 970 Hz : 1000 ms / Off : 1000 ms
40 – 800 Hz : 150 ms / 970 Hz : 150 ms
41 – Sweep 2400 Hz – 2850 Hz over 110 ms (9 Hz)
42 – Sweep 2400 Hz – 2850 Hz over 330 ms (3 Hz)
43 – 2850 Hz : 1000 ms / Off : 1000 ms
44 – 2400 Hz : 150 ms / 2850 Hz : 150 ms
45 – (German) Whoop 1200 Hz – 500 Hz : 1000 ms / Off : 10 ms
46 – 440 Hz : 600 ms / Off : 600 ms
47 – Whoop 500 Hz – 1200 Hz : 3750 ms / Off : 250 ms
48 – ISO8201 : 925 Hz, 628 Hz : 250 ms / Off : 500 ms
49 – ISO8201 : Sweep 300 Hz – 1200 Hz : 500 ms / Off : 500 ms
50 – ISO8201 : Sweep 1200 Hz – 300 Hz : 500 ms / Off : 500 ms
51 – Whoop 500-1200 3500 ms /Off 500 ms

Light Coverage



Point A relates to the installation position of the devices beacon, with the orientation such that the front of the unit faces along the X-axis of the drawing above.

- Compatible with YBO-R/SCI(RED), YBN-R/3(SCI), YBO-R/3 range of mounting devices.
- Type B for outdoor use when used in conjunction with CHQ-WPK.

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications.

Signed for and on behalf Hochiki Europe (UK) Limited:

Mirco Damoli
EU Authorised Representative
Hochiki Italia Srl a s.u
Verona, Italy
1st December 2020

Shane Bartlett
Compliance Manager
Hochiki Europe (UK) Ltd
Gillingham, UK
1st December 2020

Issued at Hochiki Europe (UK) Limited

CE	The performance of the above mentioned products are in conformity with the performance and essential characteristics declared within this certificate. This declaration of conformity is issued under the sole responsibility of Hochiki Europe (UK) Ltd. This certificate will remain valid as long as the test methods and/or factory production control requirements included in harmonized standard, used to assess performance of the declared characteristics, do not change, and the product, and the manufacturing conditions are not modified significantly.

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