



UK Declaration of Conformity

Company: D&M Holdings Inc.
 Address : 2-1, Nisshin-cho, Kawasaki-ku, Kawasaki,
 Kanagawa, 210-8569 Japan
 Brand: marantz
 Product Type: Luxury Wireless Speaker
 Model Name: HORIZON

Hereby, [D&M Holdings Inc.] declares that the noted model(s) with following UK regulations;

- **Radio Equipment regulation 2017**
- **Eco design for Energy-Related Products Regulations 2010**
- **The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012**

The following standards are applicable;

Safety: BS EN IEC 62368-1:2020+A11:2020
EMC: BS EN55032:2015+A1:2020
 BS EN55035:2017+A11:2020
 BS EN IEC61000-3-2:2019+A1:2021
 BS EN61000-3-3:2013+A1:2019+A2:2021
 BS EN301489-1 V2.2.3
 BS EN301489-17 V3.2.4
Radio: BS EN300328 V2.2.2
 BS EN301893 V2.1.1
 BS EN303687 V1.1.1
Health: BS EN IEC62311:2020
 BS EN50665:2017
ErP: BS EN50564:2011
 BS EN50643:2018+A1:2020
RoHS: BS EN IEC63000:2018

This model has been conformity assessed in accordance with the Radio Equipment regulation schedule 3 Module B. The certified test laboratory information as follows:

Test Laboratory: UL Verification Services Inc.
AB number: 0984
Certificate: AN24C14540-UKCA-1

UKCA Mark first affixed in 2024

Manufacturer: D&M Holdings Inc.
 Address : 2-1 Nisshin-cho, Kawasaki-ku, Kawasaki, Kanagawa, 210-8569 Japan

Responsible: Takamitsu Hashimoto
 General Manager, NPD Quality Assurance
 Date: 24-September-2024

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Risk assessment for differences between EU and UK standards

Manufacturer: D&M Holdings Inc.

Address : 2-1 Nisshin-cho, Kawasaki-ku, Kawasaki, Kanagawa, 210-8569 Japan

Hereby, [D&M Holdings Inc.] do the risk assessment for differences between EU and UK standards.

1) Regulatory requirements

The applicable UK regulations are as follows, These refer to each EU directive.

UK regulation	EU Directive
Radio Equipment regulation 2017	RED:2014/53/EU
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	RoHS: 2011/65/EU
Eco design for Energy-Related Products Regulations 2010	ErP:EC regulation 1275/2008 and its frame work directive 2009/125/EC including amendment 801/2013

2) Applicable standard

Under the UK regulations and standard, the corresponding EU Directive harmonized standards can be applied.

UK standard	EU standard
BS EN IEC 62368-1:2020+A11:2020	EN IEC 62368-1:2020+A11:2020
BS EN55032:2015+A1:2020	EN55032:2015+A1:2020
BS EN55035:2017+A11:2020	EN55035:2017+A11:2020
BS EN IEC61000-3-2:2019+A1:2021	EN IEC61000-3-2:2019+A1:2021
BS EN61000-3-3:2013+A1:2019+A2:2021	EN61000-3-3:2013+A1:2019+A2:2021
BS EN301489-1 V2.2.3	EN301489-1 V2.2.3
BS EN301489-17 V3.2.4	EN301489-17 V3.2.4
BS EN300328 V2.2.2	EN300328 V2.2.2
BS EN301893 V2.1.1	EN301893 V2.1.1
BS EN303687 V1.1.1	EN303687 V1.1.1
BS EN IEC62311:2020	EN IEC62311:2020
BS EN50665:2017	EN50665:2017
BS EN50564:2011	EN50564:2011
BS EN50643:2018+A1:2020	EN50643:2018+A1:2020
BS EN IEC63000:2018	EN IEC63000:2018

3) Applicable power plug

The power plugs are different in the UK and EU. BS1363 certified power plugs are required in the UK. We exchange to BS certified power plugs in EU, after that, we import these products in UK.

4) UK contact address

When selling in UK, it required a contact address within the UK region.that is follows.

UK Importer: D&M Audiovisual Ltd

Dale Road, Worthing, West Sussex, BN11 2BH, United Kingdom

Responsible: Takamitsu Hashimoto
General Manager, NPD Quality Assurance
Date: 24-September-2024

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Provision of information on the compliance of combinations of radio equipment and software

General Information:

Report Date:	24-Sep-24	Report No.:	DM-Radio24013
Manufacturer:	D&M Holdings Inc.		
Address:	2-1 Nisshin-cho, Kawasaki-ku, Kawasaki, Kanagawa, 210-8569, Japan		
Factory	Browsers & Wilkins Trading (Zhuhai) Co., Ltd		
Address:	#11 warehouse of Hengli Industrial Park, 5 district Zhuhai Free Trade Zone, Zhuhai, Guangdong, China		
Model Tested:	HORIZON		
Appliance Type	Luxury Wireless Speaker		
Brand Name:	marantz		
Country of Origin:	China		

Radio Specification:

Type	Frequency Range	Max.RF Power(Limit)	Test result of RF Power
Bluetooth (BLE)	2402~2480 MHz	20dBm	9.99dBm
Bluetooth (BT)	2402~2480 MHz	20dBm	7.71dBm
Wi-Fi(2.4GHz)	2400~2483.5 MHz	20dBm	19.81dBm
Wi-Fi(5GHz)	5150~5250 MHz	23dBm	21.35dBm
	5250~5350 MHz	20dBm	19.99dBm
	5470~5725 MHz	20dBm	19.84dBm
Wi-Fi 6E(6GHz)	5945~6425 MHz	23dBm	22.96dBm

※This radio equipment restricted to indoor use only.

This product including "WN9722OAX22-DM(AIOS 7.0)" wireless module.

Technical document: Test Report No. ER32010AA, ER32010AB, ER32010AC, ER32010AD, ER32010AE, EA32010.

Software version information:

HEOS:	3.34.202 or later	DAE3:	V104 or later
MCU	1.93_1.94 or later	MSP430:	V1.47 or later

※There is no change in the performance of Safety, EMC and Radio by version update.

Checked by: Akihiro Yoshida

Approved by: 
 Takamitsu Hashimoto
 General Manager
 NPD, Quality Assurance.
 D&M Holdings Inc.