



UKCA Declaration of Conformity



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This declaration of conformity is issued under the sole responsibility of the manufacturer:

***iRobot Corporation
8 Crosby Drive
Bedford, MA 01730, USA
Web: www.irobot.com***

Hereby declares that the products: **Root Robot and Accessories**

Product identification: **Root, model RT1**

Year of UKCA Marking: **2021**

are in conformity and verified through testing with the provisions of the following UK Regulations when installed in accordance with the installation instructions contained in the product documentation. The Technical Construction File (TCF) is maintained at 8 Crosby Drive, Bedford, MA 01730, USA.

Radio Equipment Regulations 2017:

- ETSI EN 300 328 V2.2.2
 - Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard for ElectroMagnetic Compatibility
- ETSI EN 301 489-1 V2.2.3
 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
- ETSI EN 301 489-17 V3.2.2
 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012:

- BS EN 62321:2009
 - Electrotechnical products – Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

Toy (Safety) Regulation 2011:

- BS EN 71-1: 2014+A1:2018
 - Safety of toys - Part 1: Mechanical and physical properties
- BS EN 71-2:2011+A1:2014
 - Safety of toys - Part 2: Flammability
- BS EN 71-3:2019
 - Safety of toys - Part 3: Migration of certain elements
- BS EN 62115:2005 +A12: 2015
 - Safety of Electric Toys




Electrical Equipment (Safety) Regulations 2016;

- BS EN 62479:2010
 - Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

Electromagnetic Compatibility Regulations 2016:

- BS EN 55032:2015+A11:2020
 - Electromagnetic compatibility of multimedia equipment – Emission requirements
- BS EN 55035:2017+A1:2020
 - Electromagnetic compatibility of multimedia equipment – Immunity requirements
- BS EN IEC 61000-3-2:2019
 - Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
- BS EN 61000-3-3:2013+A1:2019
 - Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

Person responsible for making this declaration:

Signature: 

Kyle Neffendorf

Principal Compliance Engineer

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Date: May 20, 2021

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