



EU Declaration of Conformity



EN

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 CE Marking: **2019**

are in conformity and verified through testing with the provisions of the following EC directives 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 Directive 2014/53/EU:

- ETSI EN 300 328 V2.1.1
 - Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- 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 301 489-17 V3.1.1
 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

RoHS Directive 2011/65/EU as amended by Directive (EU) 2015/863:

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

Toy Safety Directive 2009/48/EC

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



Additionally, the following Product Safety Standards were applied:

- 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)
IEC 62479:2010 (Modified)

Additionally, the following EMC standards were applied:

- EN 55032:2015
 - Electromagnetic compatibility of multimedia equipment – Emission requirements
- EN 55024:2010+A1:2015
 - Information technology equipment - Immunity characteristics - Limits and methods of measurement
- EN 61000-3-2:2014
 - Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
- EN 61000-3-3:2013
 - 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

iRobot Corporation

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