

EU Declaration of Conformity

Radio unit:

LUKA, the reading friend
Version: LK 1601

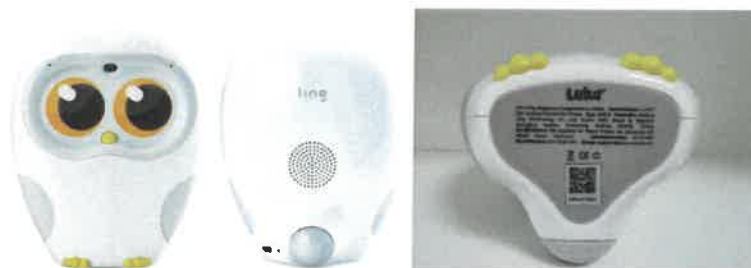
ITR Industry to Retail GmbH

LUKA® EUROPEAN HEADQUARTERS
Im Löwental 60
45239 Essen, Germany
HRB 22780, AG Essen,
Managing Director: Stefan Tholen

The manufacturer/distributor is solely responsible for the issuance of this declaration of conformity.

Product description:

Toy for children aged 3 and above that can read out children's picture books by means of an integrated camera and pattern recognition. To be able to recognize new books, the device must be connected to the cloud via Wi-Fi. Power is supplied by means of an integrated battery that can be charged via a micro USB port; max. 5V/2A.



Product name: LUKA, the kids' reading friend
Device type LK1601
Product version number LK-19-001

The device described above (LUKA version LK 1601) complies with the Community's relevant harmonization regulations.

- o Directive 2000/299/EC: Commission Decision of 6 April 2000 establishing the initial classification of radio equipment and telecommunications terminal equipment and associated identifiers
- o Directive 2005/32/EC of the European Parliament and of the Council of 6 July 2005 establishing a framework for the setting of ecodesign requirements for energy-using products
- o Directive 2009/48/EC of the European Parliament and of the Council of 18 June 2009 on the safety of toys
- o Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products
- o Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- o Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility
- o Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment

On the basis of the following Test Reports of TÜV SÜD Shenzhen

- 1) Technical Report No. 68.420.19.0332.01A of 5 August 2019 Heavy Metal, Polybrominated, Diphenyl Ethers, Phthalates
- 2) Technical Report No. 68.420.19.0332.018 of 5 August 2019 Description of assembly groups and test methods
- 3) Technical Report No. 68.420.19.0332.01C of 5 August 2019
- 4) Technical Report No. 68.420.19.0333.01A of 5 August 2019 Heavy metal test and
- 5) Technical Report No. 68.420.19.0333.018 of 5 August 2019 Battery test
- 6) Technical Report No. 68.420.19.033.01C of 5 August 2019 Dismantling procedure and recycling rate
- 7) Technical Report No. 68.452.19.00436.01A R2 of 2 August 2019

EN 71-1: 2014 + A1 2018 Mechanical and Physical Properties

EN 71-2: 2011 + A1:2014 Flammability

EN 71-3: 2013 + A3:2018 Migration of Certain Elements

- 8) Technical Report No. 68.452.19.00436.01B RI of 2 August 2019 Electric Toys Safety with EN 62115:2005 + A12:2015
- 9) Technical Report No. 68.452.19.00436.01C RI of 2 August 2019 LED Test EN60825-1:1994+corr.FEB:1995 + A1:2002+A2001+corr.April 2004
- 10) Technical Report EMC 68.760.19.0177.01 of 6 July 2019 Electromagnetic Compatibility
- 11) Technical Report No. 68.950.19.2678.01 of 8 May 2019 EMC Test Measurements System EMC Test Measurements System
- 12) Technical Report RF 68.950.19.0190.01 of 6 June 2019 WIFI Report
- 13) Technical Report IEC 60950-1 68.210.19.0125.01 of 22 July 2019
- 14) Technical Report IEC 68.210.19.0125.01 of 22 July 2019 IEC 60950-1

Conformity was demonstrated by compliance with the following standards:

- o EN 71-1:2014, EN 71-2:2011+A1:2014

Part 1: Safety of toys – Mechanical and physical properties

Part 2: Safety of toys – Flammability

- o EN 71-3:1994 / A1:2000 / AC:2002 – Migration of certain elements
- o EN 71-3:2013 + A1:2014 – Migration of certain elements – Category III Scraped-off materials
- o EN 71-9:2005+A1:2007 – Monomers
- o EN 71-9:2005+A1:2007 – Solvents (migration)
- o EN 71-9:2005+A1:2007 – Plasticizers
- o For restriction 2011/65/EU of the use of certain hazardous substances in electrical and electronic equipment – determination of the content of six regulated substances on the basis of the Directive.
- o VOC emission regulation for products combined with foodstuff
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 5 (Benzene)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 20 (Organostannic compounds)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 23.1 (Cadmium and its compounds)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 23.2 (Cadmium and its compounds)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 43 (Azocolourants)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 50 (Polycyclic-aromatic hydrocarbons)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 50.6 (Polycyclic-aromatic hydrocarbons)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 51, 52 (Phthalates)
- o Regulation (EC) no. 1907/2006 (REACH), Annex XVII, section 62 (Mercury compounds)
- o Saliva and sweat resistance
- o Measurement of ionizing radiation emitted by test samples
- o Formaldehyde content – Art. 10 sec. 3 in connection with Annex 9 no. 2 Consumer goods ordinance
- o Chlorophenol (PCP, TriCP, TeCP, MCP, DCP) – ecological threshold
- o DIN 54231:2005 Determination of dye stuffs classified as allergenic and carcinogenic
- o SCCP POP Regulation no. 850/2004
- o ISO/TS 16189:2013 Dimethylformamide
- o DIN EN 62311 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- o DIN EN 62321 Flame retardants, brominated biphenyls and diphenyl ethers.
- o DIN EN 62321 Hexabromcyclododecane, HBCDD
- o DIN EN 62321 RoHS screening
- o EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

- o Commission regulation (EC) no. 278/2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies
- o EN 60950:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011
- o Information technology equipment – Safety
- o EN 301489-1 V1.9.2 + 3 V1.6.1 + 17 V2.2.1
- o ElectroMagnetic Compatibility (EMC) standard for radio equipment and services
- o EN 302291-2 V1.1.1
- o Electromagnetic compatibility and Radio spectrum Matters (ERM)
- o EN 300328 V2.1.1

Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques

Signed for and on behalf of ITR Industry to Retail GmbH

Essen, 5. November 2019

Stefan Tholen

A handwritten signature in black ink, appearing to be 'Stefan Tholen', written over a faint horizontal line.