

Notified Body
TÜV Rheinland
LGA Products GmbH

Tillystraße 2
90431 Nürnberg

notified by the
Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen

under No. 0197

herewith issues an

EU-Type Examination Certificate

within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED)
for compliance with the essential requirements of this directive

Registration Number: RT 60183530 0001

Evaluation Report Nr.: CN25H9HL 001

Manufacturer: Harman International Industries,
Incorporated
8500 Balboa Blvd.
Northridge CA 91329
USA

Product: Radio Equipment
(BLUETOOTH HEADSET)

Type Identification: JUNIOR FREE (JBL)

Essential requirements: Article 3.1a Health
Article 3.1a Electrical Safety
Article 3.1b EMC
Article 3.2 Radio spectrum
Article 3.4 Common Charger

The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3.

This certificate consists of this page and Annex I.

Validity of the certificate is specified in the Annex I.

Date **22.08.2025**



Notified Body


S. Peng

Equipment

Product : BLUETOOTH HEADSET
Trademark : JBL
Identification : JUNIOR FREE
Product description : This product is a Bluetooth Headset, which supports Bluetooth dual mode technology.

System description

Frequency band(s) of operation : 2400-2483.5MHz
Operating frequency : 2402-2480MHz
Channel spacing / bandwidth : Bluetooth:1MHz / 1.194MHz
Bluetooth LE: 2MHz / 2.037MHz
RF output power : Bluetooth: 7.25dBm (Max. e.i.r.p.)
Bluetooth LE: 5.06dBm (Max. e.i.r.p.)
Type of modulation : GFSK, pi/4-DQPSK, 8-DPSK
Type of antenna : FPC antenna
Mode of operation (simplex / duplex) : Duplex
Duty cycle (access protocol, if applicable) : Up to 100%
Hardware version : V0.6
Software version : V25.27.12

Documentation

User information and installation instructions ☒
Block diagram ☒
Circuit diagram ☒
Part list ☒
PCB layout ☒
Photo documentation ☒
Versions of firmware/software used ☒
Statement of compliance with art. 10.2 it can be
operated in at least one Member State without
infringing applicable requirements on the use of radio
spectrum. ☒
Risk Analysis ☒

Conformity Assessment

Applied harmonised standards (Referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC	EN 301 489-17 V3.3.1 (2024-09)	CN25BTYS 003	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio	EN 300 328 V2.2.2 (2019-07)	CN25BTYS 001 CN25BTYS 002	TÜV Rheinland (Shenzhen) Co., Ltd.
3.3 Others			
3.4 Common Charger			

Applied non-harmonised standards			
Article	Standard	Test Report No.	Issued by
3.1a Health	EN 62479:2010 EN 50663:2017	CN25BTYS 001 CN25BTYS 002	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1a Safety	EN 62368-1:2014+A11:2017; EN IEC 62368-1:2020+A11:2020	CN25SZ11 001; CN257E6D 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1b EMC	EN 301 489-1 V2.2.3 (2019-11) EN 55032:2015+A11:2020 EN 55032:2015+A1:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021	CN25BTYS 003	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio			
3.3 Others			
3.4 Common Charger	EN IEC 62680-1-3:2022	CN25DXPY 001	TÜV Rheinland (Shenzhen) Co., Ltd.

Other solutions, adopted to meet the essential requirements			
Article	Standard / Solution	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio			
3.3(g) Emergency services			
3.4 Common Charger			

Rationale for applied non-harmonised standards or other solutions:

- Standards are either in the EMC/LVD OJ, on CENELEC and ETSI website as current, or valid for RED compliance

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.