

EU DECLARATION OF CONFORMITY

Manufacturer: Harmonix ehf.
Reykjavikurvegi 64, 220 Hafnarfjordur, Iceland

Place of Manufacture: Shenzhen, Guangdong Province, China

Product Family: Harmonix SonaVue K-Man Audio Glasses

Models Covered: **SonaVue K-Man Series**

Product Description:

Bluetooth-enabled smart audio eyewear incorporating open-ear audio technology, wireless music playback, voice communications and mobile device connectivity.

Sku Codes Covered:

HKA01-BLK	HKA01-TOR
HKA02-BLK	HKA02-TOR
HKA03-BLK1.0d	HKA03-TOR 1.0d
HKA03-BLK1.5d	HKA03-TOR 1.5d
HKA03-BLK2.0d	HKA03-TOR 2.0d

and any derivative models using the same electronic architecture and radio platform

Revision History

No.	Date	Description of change	Version
1	2026.01.03	First issued	V1.0
2	2026.05.15	Updated Certification	V1.1



Harmonix ehf acts as the Manufacturer of Record for the products covered by this declaration and maintains the corresponding Technical Documentation.

Applied Standards & Common Specifications:

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2011/65/EU as amended by Directive (EU) 2015/863
- REACH Regulation (EC) No 1907/2006
- Battery Regulation (EU) 2023/1542
- General Product Safety Regulation (EU) 2023/988

Radio Equipment Directive (RED) 2014/53/EU
Certificate Number: BKC26052621EC

Document Number	Title of Document
EN 301 489-1 Ver. 2.2.3 (2019-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
EN 301 489-17 Ver. 3.2.4 (2020-09)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 300 328 V2.2.2 (2019-07)	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
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)

**Restriction of the use of certain hazardous substances RoHS 2.0 Directive
2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102**

Certificate Number:

Black Frames BKC26052622ER
Tortoiseshell Frames BKC26052623ER

Standard	Full Title
EN 62321-3-1:2013	Determination of certain substances in electrotechnical products – Part 3-1: Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry (XRF)
EN 62321-4:2013+A1:2017	Determination of certain substances in electrotechnical products – Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS
EN 62321-5:2013	Determination of certain substances in electrotechnical products – Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS
EN 62321-6:2015	Determination of certain substances in electrotechnical products – Part 6: Polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in polymers by gas chromatography-mass spectrometry (GC-MS)
EN 62321-7-1:2015	Determination of certain substances in electrotechnical products – Part 7-1: Hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by colorimetric method
EN 62321-7-2:2017	Determination of certain substances in electrotechnical products – Part 7-2: Hexavalent chromium (Cr(VI)) in polymers and electronics by colorimetric method
EN 62321-8:2017	Determination of certain substances in electrotechnical products – Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using thermal desorption (TD-GC-MS) and liquid chromatography-mass spectrometry (LC-MS)

Optical Product Requirements

The optical components of the product have been designed and manufactured in accordance with the requirements of EN ISO 12312-1:2022 and/or EN 14139:2010, as applicable to the model variant.



Conformity Statement:

We hereby declare under our sole responsibility that the products identified in this declaration conform to the applicable requirements of the legislation and standards referenced herein. All relevant safety, EMC, RF exposure, radio spectrum and environmental compliance reports are maintained within the Technical Documentation.

We take full responsibility for the conformity of this product. Technical construction files are available for inspection by relevant European official authorities.

Signature : 

Authorized Signatory	Stuart McAdam
Date:	15 th May 2026
Position:	Chief Operating Officer (COO)
Place:	Hafnarfjordur, Iceland



SonaVue Global Regulatory Compliance Statement

Annex A – Optical Lenses

The optical components of the product have been designed and manufactured in accordance with the requirements of EN ISO 12312-1:2022 and/or EN 14139:2010, as applicable to the model variant.

Model	Description	Lens Type	Standard
HKA01-BLK HKA01-TOR	Audio Glasses	Photochromic Lens	EN ISO 12312-1
HKA02-BLK HKA02-TOR	Audio Sunglasses	Polarised Sun Lens	EN ISO 12312-1
HKA03-BLK 1.0d HKA03-TOR 1.0d	Audio Reader	Photochromatic Lens +1.0 dioptr progressive reader	EN ISO 12312-1 EN 14139
HKA03-BLK 1.5d HKA03-TOR 1.5d	Audio Reader	Photochromatic Lens +1.5 dioptr progressive reader	EN ISO 12312-1 EN 14139
HKA03-BLK 2.0d HKA03-TOR 2.0d	Audio Reader	Photochromatic Lens +2.0 dioptr progressive reader	EN ISO 12312-1 EN 14139

Product

Lens Category

HKA01 Photochromic

Category 0–3

HKA02 Sunglasses

Category 3

HKA03 Reader variants

Category 0–3

In addition, lens assemblies used within the SonaVue K-Man product family have been independently tested and found compliant with:

- ANSI Z80.3:2018
- EN ISO 12312-1:2022
- AS/NZS 1067.1:2016

Lens Performance Characteristics

- UV400 protection
- UVA and UVB protection
- Traffic signal recognition compliant
- Polarisation (where applicable)
- Photochromic category 0–3 (where applicable)
- Blue Light Filtration (where applicable)

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Lens Performance Summary

Model	Description	Lens Type	Filter Category	Lens Category
HKA01-BLK HKA01-TOR	Audio Glasses	Photochromic Lens	Clear – 0 Dark - 3	Clear – 0 Dark - 3
HKA02-BLK HKA02-TOR	Audio Sunglasses	Polarised Sun Lens	3	3
HKA03-BLK 1.0d HKA03-TOR 1.0d	Audio Progressive Reader	Photochromatic Lens +1.0 dioptr progressive reader	Clear – 0 Dark - 3	Clear – 0 Dark - 3
HKA03-BLK 1.5d HKA03-TOR 1.5d	Audio Progressive Reader	Photochromatic Lens +1.5 dioptr progressive reader	Clear – 0 Dark - 3	Clear – 0 Dark - 3
HKA03-BLK 2.0d HKA03-TOR 2.0d	Audio Progressive Reader	Photochromatic Lens +2.0 dioptr progressive reader	Clear – 0 Dark - 3	Clear – 0 Dark - 3

SonaVue Global Regulatory Compliance Statement

Annex B – FCC Requirements

FCC ID – 2BTI6-HKAHJA

Regulatory Compliance

- FCC Part 15 Subpart C
- FCC RF Exposure Requirements (KDB 447498)

Safety

- UL 62368-1
- UL 1642
- UL 2054
- UN38.3

Environmental

- RoHS 2011/65/EU
- REACH SVHC
- California Proposition 65

Optical

- ANSI Z80.3-2018 (Sunglasses)
- ANSI Z80.17 (Ready-Made Readers)

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Annex C – Technical Documentation Reference

Item	Reference
RED Test Report	BKC26052621EC
RoHS Report (Black)	BKC26052622ER
RoHS Report (Tortoiseshell)	BKC26052623ER
User Instructions	Latest Revision
Risk Assessment	HMX-RA-SV-001
Product Specification	Harmonix_SmartGlasses_PRD_v1.1_June_2025

Annex D – Battery & Transport Compliance

Battery Specification

The SonaVue K-Man product family incorporates a rechargeable Lithium-Ion Polymer battery manufactured by Shenzhen Mitac Battery Technology Co., Ltd.

Battery Model:	400735
Battery Type:	Single Cell Lithium-Ion Polymer Battery x2
Nominal Voltage:	3.8V
Rated Capacity:	100mAh x2
Rated Energy:	0.38Wh x2
Battery Weight:	1.85g x2
Battery Dimensions:	36.6mm × 6.8mm × 3.9mm

UN38.3 Transport Testing

The battery has been tested in accordance with:

UN Manual of Tests and Criteria
ST/SG/AC.10/11/Rev.8
Section 38.3

Test Report Number: ZKT-250610L12892S

The battery successfully passed:

- T.1 Altitude Simulation
- T.2 Thermal Test
- T.3 Vibration
- T.4 Shock
- T.5 External Short Circuit
- T.6 Crush
- T.7 Overcharge
- T.8 Forced Discharge

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Transport Compliance

The battery has been assessed for international transport and is suitable for shipment in accordance with applicable lithium battery transport regulations.

Supporting Documentation:

- | | |
|--|-------------------|
| • UN38.3 Test Report | ZKT-250610L12892S |
| • UN38.3 Test Summary | ZKT-250610L12892S |
| • Material Safety Data Sheet (MSDS) | ZKT-250610L12893S |
| • 1.2m Package Drop Test Report | ZKT-250610L12894S |
| • 3m Stacking Test Report | ZKT-250610L12895S |
| • Marine Transport Classification Report | ZKT-250610L12896S |

Packaging Validation

Battery packaging has successfully passed:

- 1.2 metre package drop testing
- 3 metre stacking test requirements
- Transport packaging evaluation for air and marine shipment

The battery and packaging system comply with the applicable transport provisions for lithium-ion batteries and are maintained within the Harmonix technical documentation file.

End of Declaration