



EU DECLARATION OF CONFORMITY

Manufacturer: Harmonix ehf.
Reykjavíkurvegi 64, 220 Hafnarfjörður, Iceland

Place of Manufacture: Shenzhen, Guangdong Province, China

Product Family: Harmonix SonaVue HWA Audio Glasses

Models Covered: **SonaVue HWA 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:

HWA01-BLK

HWA02-BLK

HWA03-BLK 1.0d

HWA03-BLK 1.5d

HWA03-BLK 2.0d

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

Revision History

No.	Date	Description of change	Version
1	2025.09.01	First issued	V1.0
2	2026.05.15	Updated Certificate Numbers	V1.1

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

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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
BKC25104375KC

Certificate Number:

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

KTi251104R117C

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





Harmonix 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 12312-1:2013 + A1 2015 and/or EN 14139:2010, as applicable to the model variant.

Model	Description	Lens Type	Standard
HWA01-BLK	Audio Glasses	Photochromic Lens	EN ISO 12312-1
HWA02-BLK	Audio Sunglasses	Polarised Sun Lens	EN ISO 12312-1
HWA03-BLK 1.0d	Audio Reader	Photochromatic Lens +1.0 dioptr progressive reader	EN ISO 12312-1 EN 14139
HWA03-BLK 1.5d	Audio Reader	Photochromatic Lens +1.5 dioptr progressive reader	EN ISO 12312-1 EN 14139
HWA03-BLK 2.0d	Audio Reader	Photochromatic Lens +2.0 dioptr progressive reader	EN ISO 12312-1 EN 14139

Product	Lens Category
HWA01 Photochromic	Category 0–3
HWA02 Sunglasses	Category 3
HWA03 Reader variants	Category 0–3

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

- ANSI Z80.3:2018
- EN ISO 12312-1:2013 + A1 2015
- AS/NZS 1067.1:2016

Lens Performance Characteristics

- UV400 protection
- UVA and UVB protection
- 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
HWA01-BLK	Audio Glasses	Photochromic Lens	Clear – 0 Dark - 3	Clear – 0 Dark - 3
HWA02-BLK	Audio Sunglasses	Polarised Sun Lens	3	3
HWA03-BLK 1.0d	Audio Progressive Reader	Photochromatic Lens +1.0 dioptr progressive reader	Clear – 0 Dark - 3	Clear – 0 Dark - 3
HWA03-BLK 1.5d	Audio Progressive Reader	Photochromatic Lens +1.5 dioptr progressive reader	Clear – 0 Dark - 3	Clear – 0 Dark - 3
HWA03-BLK 2.0d	Audio Progressive Reader	Photochromatic Lens +2.0 dioptr progressive reader	Clear – 0 Dark - 3	Clear – 0 Dark - 3

Annex B – FCC Requirements

FCC ID – 2BTI6-HWA

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	BKC25104375KC
RoHS Report (Black)	KTi251104R117C
FCC Test Report	BKC25104377KE
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 HWA Series incorporates a rechargeable Lithium-Ion battery supplied by Zhongshan Jingyu Electronics Co., Ltd.

Battery Model:	400835
Battery Type:	Rechargeable Lithium-Ion Battery (1S1P)
Nominal Voltage:	3.7V
Rated Capacity:	110mAh
Rated Energy:	0.407Wh
Battery Weight:	2.244g
Battery Dimensions:	36.69mm × 8.12mm × 4.14mm

Battery Manufacturer: Zhongshan Jingyu Electronics Co., Ltd.
Address: Qiaoguang Industrial Park, Nanlang Town, Zhongshan City, Guangdong Province, China

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
Subsection 38.3

UN38.3 Test Report Number: CTB25061100601D01

The battery successfully passed all applicable transport safety tests:

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

Transport Classification

UN Number: UN3480 / UN3481

Proper Shipping Name: Lithium Ion Batteries
Lithium Ion Batteries Packed With Equipment
Lithium Ion Batteries Contained In Equipment

The battery may be transported in accordance with applicable ICAO, IATA, IMDG, ADR and DOT transport provisions for lithium-ion batteries.

Marine Transport

The battery qualifies for transport under IMDG Code Special Provision 188 and is not classified as restricted dangerous goods when packed in accordance with the applicable transport regulations.

Supporting Documentation

- | | |
|-------------------------------------|-------------------|
| • UN38.3 Test Report | CTB25061100601D01 |
| • Material Safety Data Sheet (MSDS) | CTB25061100601D02 |

Technical File Reference

The complete battery safety, transport and chemical safety documentation is maintained within the Harmonix Technical Documentation File and is available upon request by regulatory authorities, market surveillance authorities and notified bodies.

End of Declaration