

PRODUCT NAME
Bone Conducting
Headphones Pro

MODEL / OEM
RXBH38

EAN CODE
8721258121294

ARTICLE NO / RRP
90000811483 | €99.95

1 SECTION 1: PRODUCT IDENTIFICATION & GENERAL INFORMATION

Commercial Name	Rixus RXBH38 Bone Conducting Headphones Pro
Product Category	Professional Open-Ear Wireless Audio Equipment / Transducers
Housing & Frame Materials	Ultra-Light Titanium Memory Alloy Frame & Bio-Compatible Soft Silicone Enclosure
Manufacturer Details	Rixus BV — De Vest 34 / PO Box 868, 5550 AW Valkenswaard, The Netherlands Contact: info@rixus.eu Phone: +31 (0)852736071 Official Portal: https://rixus.eu
Warranty Coverage	2 Years Manufacturer Commercial Warranty

2 SECTION 2: TECHNICAL & PHYSICAL SPECIFICATIONS

IPX8

WATERPROOF RATING

27 g

ULTRA-LIGHT WEIGHT

BT 6.0

BLUETOOTH STANDARD

8 Hours

CONTINUOUS PLAYBACK

PARAMETER	SPECIFICATION & PERFORMANCE VALUE
Physical Dimensions	125.0 mm (L) × 98.0 mm (W) × 39.0 mm (H)
Acoustic Drivers	14.0 mm High-Definition Bone Conduction Micro-Transducers
Frequency Response	20 Hz – 20,000 Hz
Audio Controls & Mic	Integrated Physical Volume Control Keys & Noise Reduction Microphone System
Internal Battery System	3.7V / 180 mAh Lithium-Ion Polymer Pack (0.65 Wh Energy Rating)
Charging Interface	High-Speed Magnetic 2-Pin Port (Approx. 2.0 Hours Charge Time)
Ingress Protection	IPX8 Certified (Complete continuous underwater immersion and sweat proofing)

3 SECTION 3: PACKAGE CONTENTS & ACCESSORIES CHECKLIST

1x Headset Unit	Rixus RXBH38 Bone Conducting Headphones Pro (Ergonomic Matte Finish)
1x Charging Cable	Precision Magnetic 2-Pin USB Charging Cable
1x Retention Accessory	Adjusting Rope / Headband Tension Cord for High-Intensity Sports
1x Documentation	Multilingual User Operational & Safety Manual

4 SECTION 4: HEALTH, SAFETY & OPERATIONAL USAGE GUIDELINES

OPEN-EAR ACOUSTIC ARCHITECTURE & SITUATIONAL AWARENESS

The RXBH38 Pro transmits acoustic signals directly to the inner ear via bone vibrations, leaving the ear canal completely unobstructed. This enables complete ambient situational awareness during high-speed cycling, running, or urban commuting. Maintain moderate volume levels to hear surrounding emergency traffic signals.

IPX8 SUBMERSION & MAGNETIC CONTACT MAINTENANCE

- Drying Protocol Prior to Charging:** IPX8 allows full underwater submersion and lap swimming. However, users MUST thoroughly dry, wipe clean, and remove moisture from the magnetic charging pins before connecting the charging cable.
- Preventing Contact Corrosion:** Charging wet magnetic contacts can cause electrical arcing, localized pin oxidation, or short circuits.

- Hearing Health Protection:** Prolonged listening at sound levels exceeding 85 dB may induce temporary auditory fatigue or long-term hearing degradation. Rest ears periodically during extended training.
- Magnetic Cable Safety:** Keep magnetic charging cable tips away from ferromagnetic debris or paperclips to avoid unintentional electrical bridging.

5 SECTION 5: BATTERY HANDLING, THERMAL LIMITS & REGULATORY COMPLIANCE

LITHIUM-ION POLYMER BATTERY SAFETY (0.65 WH)

Contains a sealed 180 mAh Li-po cell. Do not expose unit to ambient temperatures above 45°C or direct prolonged solar exposure inside sealed vehicles. Do not puncture, crush, or open the sealed outer casing. Charging ambient temperature limits: 0°C to 45°C.

Regulatory Directives & International Standards Conformity:

CE CONFORMITY MARK

ROHS DIRECTIVE 2011/65/EU

RED DIRECTIVE 2014/53/EU

UN38.3 TRANSPORT CERTIFIED

WEEE DIRECTIVE COMPLIANT

EU BATTERY REGULATION COMPLIANT

6 SECTION 6: STORAGE & ENVIRONMENTAL WASTE DISPOSAL

Storage Conditions	Store in a clean, dry environment between 0°C and 35°C with 40%–60% battery charge state during extended non-use.
Disposal & Recycling	Do NOT dispose of in domestic municipal waste streams. The integrated 0.65 Wh