

PRODUCT NAME	MODEL / OEM	EAN CODE	SKU / RRP
Bone Conducting Headphones	RXBH30	8721258120976	90000811447 €49.95

1 SECTION 1: PRODUCT IDENTIFICATION & GENERAL INFORMATION

Commercial Name	Rixus RXBH30 Open-Ear Waterproof Bone Conducting Sports Headphones
Product Category	Open-Ear Wireless Audio Equipment / Bone Conduction Transducers
Housing & Frame Materials	Lightweight Ergonomic ABS Housing & Skin-Friendly Silicone with Flex-Alloy Memory Wire Frame
Manufacturer Details	Rixus BV — De Vest 34 / PO Box 868, 5550 AW Valkenswaard, The Netherlands Contact: info@rixus.eu Phone: +31 (0)852736071 Portal: https://rixus.eu
Warranty Coverage	2 Years Manufacturer Commercial Warranty

2 SECTION 2: TECHNICAL & PHYSICAL SPECIFICATIONS

IP68

WATERPROOF RATING

8 Hours

CONTINUOUS PLAYBACK

36.3 g

ULTRA-LIGHT WEIGHT

BT 6.0

BLUETOOTH STANDARD

PARAMETER	SPECIFICATION & PERFORMANCE VALUE
Physical Dimensions	140.09 mm × 102.82 mm × 26.78 mm
Acoustic Drivers	16.3 mm Precision Bone Conduction Transducers
Frequency Response	20 Hz – 20,000 Hz
Audio Codec Support	MP3 / AAC / SBC Audio Decoding
Microphone System	Integrated CVC / ENC Smart Noise Reduction for Voice Calls
Internal Battery System	3.7V / 250 mAh Lithium-Ion Polymer Pack (0.93 Wh Energy Rating)
Charging Interface	Magnetic 2-Pin Port (Approx. 2.0 Hours Charge Time)
Ingress Protection	IP68 Certified (Complete dust tightness and underwater immersion up to 2m)

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SECTION 3: PACKAGE CONTENTS & ACCESSORIES CHECKLIST

1x Headset Unit	Rixus RXBH30 Open-Ear Bone Conducting Headphones (Matte Black Finish)
1x Charging Cable	50 cm High-Speed Magnetic 2-Pin USB Charging Cable
1x Swimming / Isolation Accessories	Silicone Earbud / Earplug Set (for underwater swim isolation mode)
1x Fit Support & Manual	1x Adjustable Cord / Headband Retention Strap, 1x Multilingual User Manual

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SECTION 4: HEALTH, SAFETY & OPERATIONAL USAGE GUIDELINES

OPEN-EAR ACOUSTIC & SITUATIONAL AWARENESS SAFETY

The RXBH30 utilizes temporal bone acoustic conduction to deliver audio while keeping the ear canal open. This preserves vital environmental awareness during outdoor activities such as cycling, running, or urban transit. Maintain safe volume thresholds to hear emergency signals and ambient traffic.

IP68 WATER SUBMERSION & MAGNETIC CHARGING WARNING

- Drying Protocol:** Always thoroughly dry and wipe clean the 2-pin magnetic charging contacts before connecting to the charging cable. Water on contacts may cause localized corrosion or electrical shorting.
- Submersion Limits:** Suitable for heavy sweat, rainwater, and shallow freshwater/pool swimming. Rinsing under clean tap water after saltwater exposure is required.

- Hearing Health Protection:** Prolonged listening at volumes exceeding 85 dB may risk acoustic fatigue or hearing degradation. Rest ears periodically during extended sessions.
- Magnetic Charger Safety:** Keep the magnetic charging pins clear of conductive metal objects (paperclips, metallic powders) to prevent accidental circuit bridging.

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SECTION 5: BATTERY HANDLING, THERMAL MANAGEMENT & REGULATORY COMPLIANCE

LITHIUM-ION POLYMER BATTERY SAFETY (0.93 WH)

Contains a sealed 250 mAh Li-po cell. Do not expose to ambient temperatures above 45°C or direct prolonged sunlight inside parked cars. Do not puncture, incinerate, or disassemble the enclosure.

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

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SECTION 6: ENVIRONMENTAL HANDLING & WASTE DISPOSAL

Storage Temperature	Recommended storage: 0°C to 35°C in a dry environment with 40%–60% charge state.
Disposal Protocol	Do NOT throw into municipal household waste. The integrated 0.93 Wh lithium