

PRODUCT NAME

Open Ear Sports
Headphones Pro

MODEL / OEM

RXBH35

EAN CODE

8721258120983

ARTICLE NO / RRP

90000811448 | €59.95

1

SECTION 1: PRODUCT IDENTIFICATION & GENERAL INFORMATION

Commercial Name	Rixus RXBH35 Open Ear Sports Headphones Pro
Product Category	Open-Ear Air Conduction / Directional Audio Wireless Headphones
Frame & Material Composition	Flexible Memory Titanium Wire Earhook, Bio-Compatible Skin-Friendly Silicone Coating & ABS Enclosure
Manufacturer Details	Rixus BV — De Vest 34, 5552 KW Valkenswaard (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 Limited Manufacturer Warranty

2

SECTION 2: TECHNICAL & PHYSICAL SPECIFICATIONS

IPX5

WATER RESISTANCE

28 g

ULTRA-LIGHTWEIGHT

BT 5.3

BLUETOOTH STANDARD

10 Hours

PLAYTIME (60% VOL)

PARAMETER	SPECIFICATION & PERFORMANCE VALUE
Acoustic Architecture	Directional Air Conduction Technology with Open-Ear Ergonomic Fit
Driver Configuration	16.2 mm Dynamic Sound Units with Focused Beamforming Audio Output
Frequency Response	20 Hz – 20,000 Hz
Microphone System	HD Voice Microphone with Environmental Noise Cancellation (ENC)
Internal Battery System	3.7V / 110 mAh Lithium-Ion Polymer Pack (~0.41 Wh Energy Rating)
Charging Input & Duration	USB Type-C (5V / 1A) Fast Charging (~1.5 Hours Full Charge)
Ingress Protection	IPX5 Rated (Splash-proof, Sweat-proof, and Rain-resistant)

3 SECTION 3: PACKAGE CONTENTS & ACCESSORIES CHECKLIST

1x Headset Unit	Rixus RXBH35 Open Ear Sports Headphones Pro (Ergonomic Earhook Design)
1x Charging Cable	Standard USB Type-C Charging Cable
1x Manual & Safety Guide	Multilingual User Operations Manual & Safety Instructions

4 SECTION 4: ACOUSTIC SAFETY & OPERATIONAL USAGE GUIDELINES

DIRECTIONAL AIR CONDUCTION & ENVIRONMENTAL AWARENESS

The RXBH35 Pro uses directional air conduction channels to project audio precisely into the ear canal without completely blocking ambient environmental sounds. This open-ear design provides high situational awareness during outdoor athletic training, urban cycling, and road running. Keep playback volume moderate in busy traffic areas.

IPX5 MOISTURE PROTECTION & USB TYPE-C CHARGING PROTOCOL

- Drying Protocol Before Charging:** The IPX5 rating protects against heavy sweat and rain splashes. However, users MUST ensure the USB Type-C charging port is completely dry, clean, and moisture-free before connecting the charging cable.
- Short Circuit Prevention:** Connecting charging power while liquid or salt residue is present inside the Type-C port can cause short circuits and permanent port damage.

- Hearing Conservation Guidelines:** Maintain listening levels below 85 dB. Prolonged continuous listening at elevated volumes may induce temporary threshold shift or auditory fatigue. Take regular rest periods during long workouts.
- Ergonomic Adjustment:** Adjust the flexible memory titanium earhook for a stable, pressure-free fit behind the ears.

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

LITHIUM-ION POLYMER BATTERY THERMAL SAFETY (0.41 WH)

Contains a sealed 110 mAh Li-Po battery. Charge only within an ambient temperature range of 0°C to 45°C. Do not expose the headset to direct sunlight, open flames, or temperatures exceeding 60°C (e.g., inside sealed vehicles during hot summer days). Do not puncture, crush, or open the outer shell.

Regulatory Directives & International Standards Conformity:

CE CONFORMITY MARK

ROHS DIRECTIVE 2011/65/EU

RED DIRECTIVE 2014/53/EU

WEEE DIRECTIVE 2012/19/EU

UN38.3 LITHIUM CERTIFIED

EU BATTERY & PPWR COMPLIANT

6 SECTION 6: ENVIRONMENTAL STORAGE & WASTE DISPOSAL

Storage Conditions	Store in a cool, dry place between 0°C and 35°C. For prolonged storage, maintain a 40%–60% battery charge level and recharge every 3 months.
Disposal Protocol	Do NOT dispose of this device in general household municipal waste. The integrated 0.41 Wh lithium battery must be handed over to designated electronic waste recycling facilities in accordance with WEEE and EU battery regulations.