

DH401B

LINKVIL OWS Bluetooth Headset

Datasheet

LINKVIL DH401B OWS Bluetooth Headset is a lightweight open-ear headset designed for clear and flexible communication in the office, at home, or on the move. Its open-ear ear-hook design avoids in-ear contact and helps users stay aware of their surroundings. Bluetooth 5.4 multipoint keeps two devices connected for easy switching between a PC and smartphone, while dual-microphone AI ENC helps reduce background noise for clearer voice pickup. The portable charging case extends total talk time to up to 23 h and displays the remaining battery level at a glance. Lightweight, portable, and easy to use, the DH401B is a practical choice for everyday professional communication.



Highlights

• Open-ear design ensures hygiene and safety while keeping you aware of your surroundings

• Bluetooth 5.4 multipoint connection enables easy switching between smartphone and PC

• 13.6 g lightweight open-ear design with ear hook for all-day comfort

• Dual-mic AI environmental noise cancellation with precise voice pickup for clear and natural communication

• Portable charging case with compact design and visible battery indicator

• High-quality speaker delivers clear and transparent sound performance

Specifications

DH401B Open Ear Bluetooth Headset		
Microphone	Type	2 omnidirectional analog microphones
	Sensitivity	-38 dBFS/Pa
	Frequency Range	100 Hz - 8 kHz
Speaker	Size	18 x 11 mm
	Max Input Power	30 mW
	Speaker Impedance	16 Ω
	Sensitivity	122 dB
	Frequency Range	20 Hz - 20 kHz
	Music Mode Bandwidth	100 Hz - 20 kHz
	Talk Mode Bandwidth	100 Hz - 8 kHz
Audio	Features	Crystal sound experience
		Full-duplex technology
		AI Environmental Noise Cancellation (AI ENC)
		Acoustic Echo Cancellation (AEC)
	Audio Codecs	AAC, SBC
	User Hearing Protection	EN50332
Connectivity	Method	Bluetooth
	Bluetooth Version	5.4
	Bluetooth Profile	HFP, A2DP, AVRCP
	Bluetooth Range	10 m
	Bluetooth Pairing List	Up to 8 devices
	Simultaneous Connections	2
Buttons and Controls	Automatic Power On/Off	Open case: Power on Close case with headset inside: Power off
	Bluetooth Pairing	Automatic pairing mode after power-on
	Mute Button	Press: Mute / unmute the microphone
	Multi-function Button (MFB)	Press 3 s: Power on/off Press: Answer / Hang up, Play / Pause Press 1 s: Reject call Double-press: Redial Press 1 – 2 s: Switch audio source
	Volume +/-	Press: Volume up / down Press 1 s: Next / Previous track
	LED Indicator (Headset)	Solid blue: Power on Solid red: Power off Flashing red and blue: Pairing Flashing blue: Connected
Charging Case	Battery Type	Rechargeable lithium polymer battery
	Battery Capacity	400 mAh
	Charging Port	USB-C × 1 (5 V/0.5 A)
	Charging Method	USB cable
	Charging Time	2 h
	Headset Charging	Via built-in charging contacts
	Battery Level Display	Displays the charging case battery level

	LED Indicator (Charging Case)	Flashing white: Charging Solid white: Fully charged
Headset Battery	Battery Type	Rechargeable Lithium Polymer Battery
	Battery Capacity	60 mAh
	Charging Time	2 h
	Talk Time	5 h
	Music Time	8 h
	Music Time (with Charging Case)	36 h
	Talk Time (with Charging Case)	23 h
	Standby Time	11 days
	Charging Method	Charging Case
General	Wearing Style	Open-ear, right-ear only
	DH401B Headset Weight	13.6 g
	DH401B Charging Case Weight	48.2 g
	Headset Dimensions	90.2 x 40.5 x 27.4 mm
	Charging Case Dimensions	95.6 x 50.6 x 35.4 mm
	Gift-box Dimensions	138 x 130 x 44 mm
	Carton Dimensions	575 x 295 x 289 mm (48 PCS)
	Carton Net Weight	11.28 kg
	Carton Gross Weight	12.15 kg
	Working Temperature	-10 °C to +50 °C
	Storage Temperature	-20 °C to +70 °C
	Working Humidity	10% to 95% RH
	Package Contents	DH401B Headset
		Charging Case
		0.6 m USB Cable
		Quick Start Guide
		Safety Information and Declaration
Compliance		CE FC RoHS

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.
For more information, please visit: www.fanvil.com

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