

DH301B

Datasheet

LINKVIL Bluetooth Wireless Headset

LINKVIL DH301B is a lightweight Bluetooth wireless headset designed for flexible work in the office, at home, or on the move. Bluetooth multipoint keeps a PC and smartphone connected at the same time, making it easy to switch between devices. AI ENC reduces background noise, while voice enhancement helps keep conversations clear. Its flexible mono design can be worn on either ear for comfortable all-day use, and the built-in Busylight shows call status at a glance to help reduce interruptions. Flexible charging via USB-C cable or charging stand adds everyday convenience. The DH301B is a practical choice for professionals who need flexible communication across multiple devices.



Highlights

• Bluetooth multipoint lets you connect two devices at once and switch easily between PC and smartphone

• AI ENC reduces background noise, while voice enhancement improves speech clarity

• Long-lasting battery with flexible charging via USB-C cable or charging stand

• The built-in Busylight lets others see your call status at a glance, helping reduce interruptions

• Lightweight design for all-day comfort, with the flexibility to wear it on either ear

*Compatibility varies by VoIP phone model. See the compatibility list.

Specifications

DH301B Bluetooth Wireless Headset		
Microphone	Type	1 omnidirectional analog microphone
	Sensitivity	-38 dBFS/Pa
	Frequency Range	100 Hz – 8 kHz
Speaker	Size	φ32 mm
	Max Input Power	20 mW
	Sensitivity	115±3 dB
	Frequency Range	100 Hz – 20 kHz
	Music Mode Bandwidth	100 Hz – 20 kHz
	Talk Mode Bandwidth	100 Hz – 8 kHz
Audio	Feature	Crystal Sound Experience
		Full-duplex Technology
		AI Environmental Noise Cancellation (AI ENC)
		Acoustic Echo Cancellation (AEC)
	User Hearing Protection	EN50332
Connectivity	Bluetooth Version	5.4
	Operation Range	50 m (Open area)
	Bluetooth Profiles	A2DP, HFP, AVRCP
	Bluetooth Pairing List	Up to 8 devices
	Simultaneous Connections	2
	USB Interface	USB Type-C (charging and USB headset mode)
Buttons and Controls	Power/Bluetooth	Push down: Power on; Push up: Power off; Push down fully 1.5 s: Bluetooth pairing
	Call Button	Press: Play / Pause, Answer / Hang up; Double press: Reject / Redial; Press 1.5 s: Hold / Unhold
	Volume +/-	Press: Volume up / down; Press 1.5 s: Previous / Next track
	Mute Control	Microphone Boom: Rotate up / down to mute / unmute Mute Button: Press to mute / unmute
Compatibility	Check Fanvil compatible list accordingly	
Battery	Type	Lithium Polymer Battery
	Battery Capacity	400 mAh
	Charging Time	2 hours
	Talk Time	22 hours
	Music Time	55 hours
	Standby Time	12 days
General	Charging Method	USB-C Cable / Charging Stand
	DH301B Headset Weight	100 g
	DB10 Charging Stand Weight	123 g
	Gift-box Dimensions	196 x 179 x 71 mm
	Carton Dimensions	385 x 380 x 220 mm (10 PCS)
	Carton Net Weight	4.22 kg
	Carton Gross Weight	4.93 kg

	Working Temperature	-10 °C to +60 °C
	Storage Temperature	-20 °C to +70 °C
	Working Humidity	10% to 95% RH
	Package Contents	DH301B Headset
		DB10 Charging Stand
		1.5 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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