

DH301D

Datasheet

LINKVIL Hybrid DECT & Bluetooth Headset

LINKVIL DH301D DECT Wireless Headset is designed for efficient, professional communication across a range of work environments. Combining DECT and Bluetooth 5.3 connectivity, it supports flexible connections to computers, mobile devices, and VoIP phones, making it suitable for open offices, home offices, and hybrid work. AI Environmental Noise Cancellation (AI ENC) and voice enhancement help reduce background noise and improve voice clarity in busy environments, while the 32 mm speaker supports clear, natural audio for calls and media. Stable DECT connectivity gives users greater freedom to move around the workspace while staying connected.



Highlights

- Dual-mode DECT & Bluetooth for PC, mobile device, and VoIP phone*
- Stable DECT connectivity for flexible movement around the workspace
- Pre-paired portable DECT dongle for easy setup
- Clearer calls with AI Environmental Noise Cancellation and voice enhancement
- Lightweight design with a 270° rotatable microphone boom for left- or right-ear use
- USB headset mode with simultaneous charging, plus convenient charging via the stand

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

Specifications

DH301D Hybrid DECT & Bluetooth Headset		
Microphone	Type	1 omnidirectional analog microphone
	Sensitivity	−38±2 dBFS/Pa
	Frequency Range	100 Hz–10 kHz
Speaker	Size	φ32 mm
	Max Input Power	20 mW
	Sensitivity	115±3 dB
	Frequency Range	20 Hz–20 kHz
	Music Mode Bandwidth	20 Hz–20 kHz
	Talk Mode Bandwidth	100 Hz–8 kHz
Audio	Features	Crystal Sound Experience
		Full-duplex Technology
		AI Environmental Noise Cancellation (AI ENC)
	User Hearing Protection	EN50332
Connectivity	Method	Bluetooth, DECT Dongle (USB-A/C), USB Cable (USB-C)
	USB Interface	Headset: USB-C; Dongle: USB-A / USB-C
	DECT Wireless Range	180 m / 590 feet (Open area)
	DECT Frequency Bands	1880–1900 MHz (EU); 1920–1930 MHz (US/Canada)
	Secure DECT (level)	Step C authentication-DSAA2, encryption-DSC2 (128 bit)
	Bluetooth Version	5.3
	Bluetooth Profiles	HFP, HSP, A2DP, SPP, AVRCP
	Bluetooth Range	50 m (Open area)
	Bluetooth Pairing List	Up to 8 devices
	Simultaneous Bluetooth Connections	2
Buttons and Controls	Power/Bluetooth	Push up: Power on; Push down: Power off; Push up 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 1.5s: Previous / Next track
	Mute	Microphone Boom: Rotate up / down to mute / unmute Mute Button: Press to mute / unmute
DT10 Dongle	Port	USB-A / USB-C
	Pair Button	Press and hold 3 s to enter pairing mode
	LED Indicator	Flashing green: Power on; Solid green: Connected and standby; Flashing red and green: Pairing; Flashing blue: Reconnected; Flashing orange: Out of range or disconnected
Compatibility	Check Fanvil compatible list accordingly	
Battery	Type	Lithium Polymer Battery
	Battery Capacity	400 mAh

	Charging Time	2 h (5 V/0.5 A)
	Talk Time (DECT mode)	10 h
	Talk Time (Bluetooth mode)	21 h
	Music Time (DECT mode)	10 h
	Music Time (Bluetooth mode)	24 h
	Standby Time (DECT mode)	85 h
	Standby Time (Bluetooth mode)	120 h
General	Charging Method	USB-C Cable / Charging Stand
	DH30 Headset Weight	100 g
	DT10 DECT Dongle Weight	20 g
	DB10 Charging Stand Weight	123 g
	Gift-box Dimensions	260 x 211 x 85 mm
	Carton Dimensions	445 x 415 x 235 mm (10 PCS)
	Carton Net Weight	6.28 kg
	Carton Gross Weight	7.78 kg
	Working Temperature	−10 °C to +60 °C
	Storage Temperature	−20 °C to +70 °C
	Working Humidity	10% to 95% RH
	Package Contents	DH30 Headset
		DT10 DECT Dongle (USB-A/C)
		DB10 Charging Stand
		1.5 m USB-A to USB-C 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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