

DH301D Pro

LINKVIL DECT & Bluetooth Headset

Datasheet

The LINKVIL DH301D Pro is a professional DECT and Bluetooth headset with a multifunctional base, designed for efficient communication in modern workplaces. Its dual-mode connectivity supports flexible use with computers, mobile devices, and VoIP phones, making it easy to manage calls across different devices. The integrated DB30 DECT base combines a charging dock, DECT receiver, and hands-free speakerphone, enabling one-touch switching between private headset calls and speakerphone conversations. AI Environmental Noise Cancellation (AI ENC), voice enhancement, and a 270° rotatable microphone boom help deliver clear and natural voice transmission in noisy environments. With reliable long-range DECT connectivity and the flexibility of Bluetooth 5.3, the DH301D Pro provides a unified and convenient communication experience for office, hybrid-work, and remote-collaboration scenarios.



Highlights

- Integrated headset and multi-function DECT base simplify daily communication
- Automatic DECT pairing between the headset and the base for effortless setup
- DECT base combines charging docking, a DECT receiver, built-in speaker and microphone, with control buttons
- Dual-mode DECT 6.0 & Bluetooth 5.3 enables switching between PC, mobile devices, and VoIP phones*
- Stable DECT connectivity ensures strong interference resistance
- AI noise cancellation & voice enhancement with a 270° rotatable microphone
- Built-in Busylight indicator clearly shows call status to minimize interruptions

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

Specifications

DH30 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
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
Interface	USB-C Port	Charging & USB Headset Mode (USB 2.0)
Buttons and Controls	Volume +	Volume Up / Previous Track
	Volume –	Volume Down / Next Track
	Call Button	Answer / End / Redial Call
	Mute	Microphone Boom: Rotate up / down to mute / unmute Mute Button: Press to mute / unmute
	Power / Bluetooth	Power ON/OFF / Bluetooth Mode
	Busylight	LED Call Status Indicator
DB30 DECT Base		
Microphone	Type	1 omnidirectional analog microphone
	Sensitivity	-38±2 dBFS/Pa
	Frequency Range	100 Hz – 10 kHz
Speaker	Size	φ32 mm
	Max Input Power	3 W
	Sensitivity	115±3 dB
	Frequency Range	20 Hz – 20 kHz
	Music Mode Bandwidth	20 Hz – 20 kHz
	Talk Mode Bandwidth	100 Hz – 8 kHz
Interface	USB-A Port	USB Headset (Optional)
	USB-C Port	PC / IP Phone Connection (USB 2.0)
	RJ9 Port	RJ9 Headset (Optional)
	Power Input	USB-C (5 V/2 A)
Button	Mute Button	Microphone Mute / Unmute
	Speaker Button	Speakerphone mode switching

	Volume +/–	Speaker volume control
DH301D Pro		
Audio	Features	Crystal Sound Experience
		Full-duplex technology
		AI Environmental Noise Cancellation (AI ENC)
	User Hearing Protection	EN50332
Connectivity	Method	Bluetooth, DECT Base, USB Cable
	DECT Base Connection	Automatic headset pairing
	DECT Wireless Range	180 m / 590 feet
	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
Compatibility	Check Fanvil Compatible List Accordingly	
General	Charging Method	USB Cable / DECT Base
	Gift-box Dimensions	260 × 211 × 99 mm
	Carton Dimensions	457 × 385 × 218 mm (10 PCS)
	DH30 Headset Weight	100 g
	DB30 DECT Base Weight	232 g
	Carton Net Weight	9.28 kg
	Carton Gross Weight	10.78 kg
	Working Temperature	0 °C to +50 °C
	Working Humidity	10% to 95%RH
	Package Contents	DH30 Headset
		DB30 DECT Base
		5 V/2 A Power Adapter
		1.5 m USB Cable
		Quick Start Guide
		Safety Information & 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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