

DH601D

Datasheet

LINKVIL Hybrid DECT & Bluetooth Headset

LINKVIL DH601D Hybrid DECT & Bluetooth Headset brings flexible connectivity and clear voice communication to office, home, and hybrid work environments. Its lightweight, single-ear design allows users to stay engaged in calls while remaining aware of their surroundings. With dual-mode DECT and Bluetooth connectivity, the DH601D supports connections to computers, mobile devices, and VoIP phones. A three-microphone array with AI Environmental Noise Cancellation (AI ENC) helps reduce background noise, delivering clear and natural voice pickup in busy workplaces. The built-in busylight indicates call status to help minimize interruptions, while the replaceable ear cushion supports lasting comfort and easy maintenance. Combining reliable wireless performance with everyday wearing comfort, the DH601D is a practical choice for professionals who need to balance focused conversations with workplace interaction.



Highlights

- Hybrid DECT & Bluetooth connectivity for flexible PC, mobile, and VoIP phone* workflows
- Bluetooth multipoint keeps two Bluetooth devices connected for easy switching
- Pre-paired DT10 Dongle allows quick plug-and-play setup with PC or VoIP phone*
- Stable DECT wireless performance keeps users connected while moving around the office
- 3-Mic AI ENC enhances both listening clarity and voice pickup in busy offices

- Replaceable ear cushions and battery support easier maintenance and longer business use

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

Specifications

DH601D Hybrid DECT & Bluetooth Headset		
Microphone	Type	3 omnidirectional analog microphones
	Sensitivity	−38±2 dBFS/Pa
	Frequency Range	100 Hz - 10 kHz
Speaker	Size	φ32 mm
	Max Input Power	15 mW
	Sensitivity	102±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) Acoustic Noise Suppression (ANS) Automatic Gain Control (AGC)
	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 1.5 s: Previous / Next track
	Mic Boom	Rotate up: Mute; rotate down: 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	600 mAh
	Charging Time	3 h (5 V/0.5 A)
	Talk Time (DECT mode)	14 h
	Talk Time (Bluetooth mode)	58 h
	Music Time (DECT mode)	14 h
	Music Time (Bluetooth mode)	56 h
	Standby Time (DECT mode)	92 h
	Standby Time (Bluetooth mode)	142 h
General	Charging Method	USB-C Cable / Charging Stand (Optional)
	Gift-box Dimensions	215 x 196 x 85 mm
	Carton Dimensions	445 x 415 x 235 mm (10 PCS)
	DH601 headset Weight	112 g
	DT10 Dongle Weight	20 g
	Carton Net weight	1.6 kg
	Carton Gross weight	4.81 kg
	Working Temperature	−10 °C to +60 °C
	Storage Temperature	−20 °C to +70 °C
	Working Humidity	10% to 95% RH
	Package Contents	DH601 Headset
		DT10 DECT Dongle
		1.5-meter USB-A to USB-C Cable
		Quick Start Guide
		Safety Information and Declaration
	Optional Accessories	Replacement Ear Cushions
		DB11 Charging Stand
		Replacement Battery
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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