


# 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);<br>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;<br>Push up fully 1.5 s: Bluetooth pairing |
| | Call Button | Press: Play / Pause, Answer / Hang up;<br>Double press: Reject / Redial;<br>Press 1.5 s: Hold / Unhold |
| | Volume +/- | Press: Volume up / down;<br>Press 1.5s: Previous / Next track |
| | Mute | Microphone Boom: Rotate up / down to mute / unmute<br>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;<br>Solid green: Connected and standby;<br>Flashing red and green: Pairing;<br>Flashing blue: Reconnected;<br>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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