Pixel Buds Pro 2
Technical Specifications
June 2024

Spec Category	Google Pixel Buds Pro 2
Compatibility Requirements	Pairs with any Bluetooth® 4.0+ device, including Android, iOS, tablets, and laptops. Full access to features requires: ● Google Account ● Companion phone running Android 6.0 or newer ● Internet connection For minimum OS and hardware requirements, go to g.co/pixelbuds/help.
Sweat and Water Resistance[1]	Earbuds: IP54 Case: IPX4

Connectivity	Each earbud:
	● Bluetooth 5.4
	   ○ LE Audio
	   ○ Super Wideband

Processor	Each earbud: ● Tensor A1
Audio	Each earbud: ● Custom-designed 11 mm dynamic speaker driver ● Active Noise Cancellation with Silent Seal™ 2.0 ● Transparency mode ● Active in-ear pressure relief ● Conversation Detection Case: ● Ringtone speaker for Find My Device
Voice	Each earbud: ● Bluetooth Super Wideband[2] ● Clear Calling[3] ● Voice accelerometer ● Wind-blocking mesh covers

Sensors	Each earbud: • Three microphones • Capacitive touch (tap and swipe) sensors for music, calls, and voice assistant controls • IR proximity sensor for in-ear detection to play and pause automatically • Motion-detecting accelerometer and gyroscope Case: • Hall Effect sensor for case open and close detection
Charging	Charging case: • USB-C® charging port • Qi-certified wireless charging
Battery	• With Active Noise Cancellation off, up to 12 hours of listening time, and up to 48 hours total listening time with the charging case.[4] • With Active Noise Cancellation on, up to 8 hours of listening time, and up to 30 hours of total listening time with the charging case.[4] • 5-minute charge of earbuds in the charging case delivers up to 1.5 hours of listening time with Active Noise Cancellation off.[4]
Colors	• Porcelain • Hazel • Wintergreen • Peony *Not all colors are available in all areas.* [Color availability varies by region and channel. Regional teams are responsible for updating colors available.]
Dimensions	Each earbud (with medium eartip): 22.74mm x 23.08mm x 17.03mm.. Charging case: 25.0 mm x 49.9 mm x 63.3 mm
Weight	Each earbud: 4.7 g (with medium eartip) Charging case: 65.0 g (with earbuds)

What's in the Box	- Earbuds - Wireless charging case - Eartips with 4 size options: extra small, small, medium (attached to earbuds), large - Quick Start Guide
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Sustainability	- Made with at least 24% recycled materials[5] - The buds and charging case magnets use recycled rare earth elements[6] 100% plastic-free packaging[7]

[1] Pixel Buds Pro 2 are designed to comply with dust and water protection rating IP54 under IEC standard 60529 when manufactured, and the case is rated IPX4, but they are not waterproof or dust proof. Water resistance and dust resistance are not permanent conditions and will diminish or be lost over time due to normal wear and tear, device repair, disassembly, or damage. Device is not drop/tumble proof and dropping your device may result in loss of water or dust resistance. Damage from drops, tumbles, liquids, and other external forces are not covered under warranty. Dry your Pixel Buds Pro and case after exposure to any liquids.

[2] Requires Pixel 8 or newer.

[3] Requires Pixel 7 or newer. Availability and call quality depends on environment, network conditions, and many other factors. Actual results may vary.

[4] All listening times are approximate and were measured using music playback with pre-production hardware and software, with fully charged Pixel Buds Pro 2 and case, and other features disabled. Case is used to recharge Pixel Buds Pro 2. Charging times are approximate. Use of other features will decrease battery life. Battery life depends on device, features enabled, usage, environment, and many other factors. Actual battery life may be lower.

[5] Based on product weight. Includes earbuds and case.

[6] The recycled rare earth elements are a minimum of 20% of the magnet total weight. Does not include the speaker magnet.

[7] Based on retail packaging (excluding adhesive materials and required plastic stickers) as shipped by Google. To meet the request of some retail partners, stickers and/or security tags are applied to some packaging variations and may contain plastic.