AirPods Pro (2nd generation) Technical Specifications

Audio Technology

- Custom high-excursion Apple driver
- Custom high dynamic range amplifier
- Active Noise Cancellation
- Adaptive Transparency
- Vent system for pressure equalization
- Personalized Spatial Audio with dynamic head tracking[1]
- Adaptive EQ

Sensors

- Dual beamforming microphones
- Inward-facing microphone
- Skin-detect sensor
- Motion-detecting accelerometer
- Speech-detecting accelerometer
- Touch control

Chip

- Apple H2 headphone chip
- Apple U1 chip in MagSafe Charging Case

Controls

- ●   Press once to play, pause, or answer a phone call
- ● ●   Press twice to skip forward
- ● ● ●   Press three times to skip back
- ▬   Press and hold to switch between Active Noise Cancellation and Adaptive Transparency
-      Swipe up or down to adjust volume
-      Say "Hey Siri" to do things like play a song, make a call, or get directions

Sweat and Water Resistant[2]

Sweat and water resistant (IPX4): AirPods Pro and charging case

Size and Weight (Each)[3]

- Height:
  1.22 inches (30.9 mm)

- Width: 0.86 inch (21.8 mm)
- Depth: 0.94 inch (24.0 mm)
- Weight: 0.19 ounce (5.3 grams)

- Height:
  1.78 inches (45.2 mm)

- Width: 2.39 inches (60.6 mm)
- Depth: 0.85 inch (21.7 mm)
- Weight: 1.79 ounces (50.8 grams)

Charging Case

Works with MagSafe charger, Apple Watch charger, Qi-certified chargers, or the Lightning connector

Connectivity

Bluetooth 5.3 wireless technology

In the Box

- AirPods Pro
- MagSafe Charging Case with speaker and lanyard loop
- Silicone ear tips (four sizes: XS, S, M, L)
- Lightning to USB-C Cable
- Documentation

Accessibility

Accessibility features help people with disabilities get the most out of their new AirPods Pro. Features include:

- Live Listen audio[10]
- Headphone levels
- Headphone Accommodations
- Conversation Boost

System Requirements[11]

- iPhone and iPod touch models with the latest version of iOS
- iPad models with the latest version of iPadOS
- Apple Watch models with the latest version of watchOS
- Mac models with the latest version of macOS
- Apple TV models with the latest version of tvOS

AirPods Pro and the Environment

AirPods Pro with MagSafe Charging Case are designed with the following features to reduce their environmental impact:[13]

Made with better materials

- 100% recycled gold in the plating of multiple printed circuit boards
- 100% recycled rare earth elements in all magnets
- 100% recycled aluminum in the hinge of the MagSafe Charging Case
- 100% recycled tin in the solder of multiple printed circuit boards
- 35% or more recycled plastic in multiple components