Beats Fit Pro

Reviewer's Guide

We have distilled years of exploration and development into Beats Fit Pro - a product with an intent focus on ergonomics for comfort and stability, a custom acoustic solution for incredible sound performance, and a suite of features to power your life - through work days and workouts.

Comfortable, Universal Fit

Beats Fit Pro are designed for superior stability while maintaining a lightweight, comfortable ergonomic design. With a universal wingtip intended for every ear imaginable, Beats Fit Pro delivers a simple, effective solution that just fits.

Three Listening Modes

Active Noise Cancelling (ANC) adapts to changes in environmental noise and unique personal fit for optimal, immersive sound. Easily switch to **Transparency** mode to let in ambient noise for a natural listening experience. And with ANC and Transparency off, **Adaptive EQ** automatically tunes the low and mid-frequencies to the shape of your ear for superior sound quality and a consistent listening experience.

Apple H1 Chip

The Apple H1 chip contributes an unmatched experience for iPhone and iPad users including one-touch pairing, an eartip test to ensure best fit, Automatic Switching between Apple devices, Audio Sharing, hands-free access to "Hey Siri," and Find My in iOS.

Beats app for Android

Beats Fit Pro is compatible with Android phones. With the Beats app for Android, you can conveniently set up their earbuds with one-touch pairing and a guided fit test, with advanced features including button customization, battery status, and seamless updates.

Custom Acoustic Platform

A proprietary transducer, designed from the ground up specifically for Beats Fit Pro, forms the foundation of an entirely custom acoustic architecture that delivers powerful, balanced sound.

Dynamic Spatial Audio

Spatial Audio with dynamic head tracking delivers your favorite movies, music, and games as 360-degree immersive experiences by producing sound that dynamically adjusts as you turn your head. The result — sound that surrounds you.
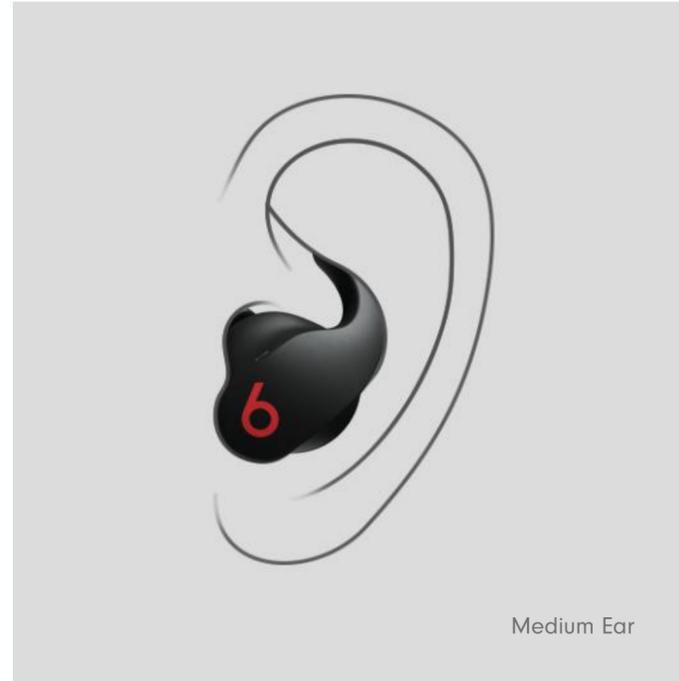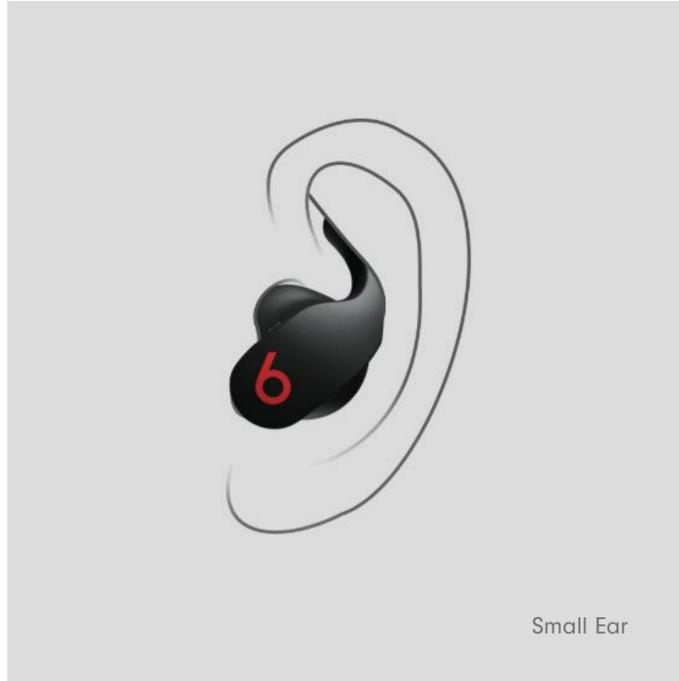
Voice Connection + Controls

Beats Fit Pro leverage three microphones and a voice accelerometer per earbud to target your voice and filter out external noise for high-quality call performance. Reliable on-ear controls allow you to manage calls, control music, toggle between listening modes, and access voice assistant while optical sensors assist with auto-play/pause and call handling.
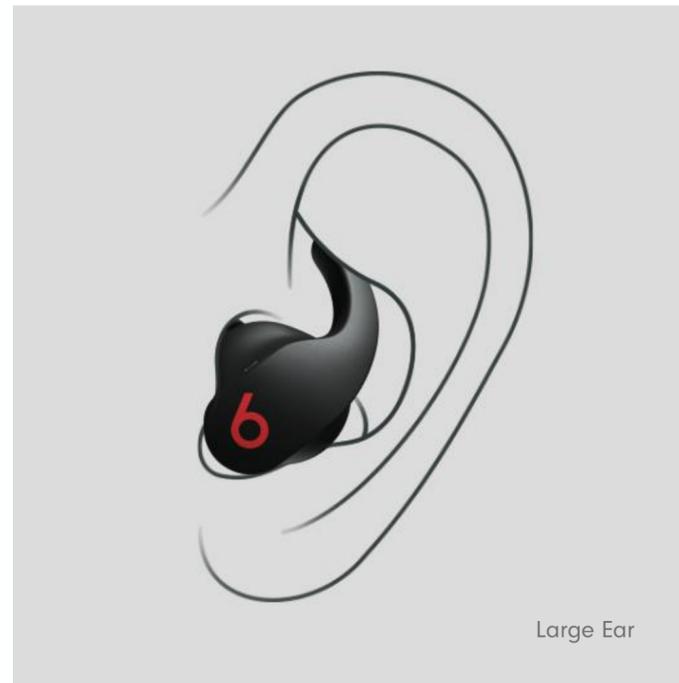
Pocket-able Power

Get up to 6 hours from each earbud on a single charge with ANC on, and 21 additional hours from the color-matched charging case for up to 27 hours of playback. If power on your earbuds gets low, a quick, 5-minute charge gives you an hour of listening time.

Great sound starts with exceptional fit. A recurring issue for users is earbud stability, especially with small true wireless products. With Beats Fit Pro, the intent was to deliver the same level of stability as our industry-leading Powerbeats line of products, but with a compact and comfortable form-factor.
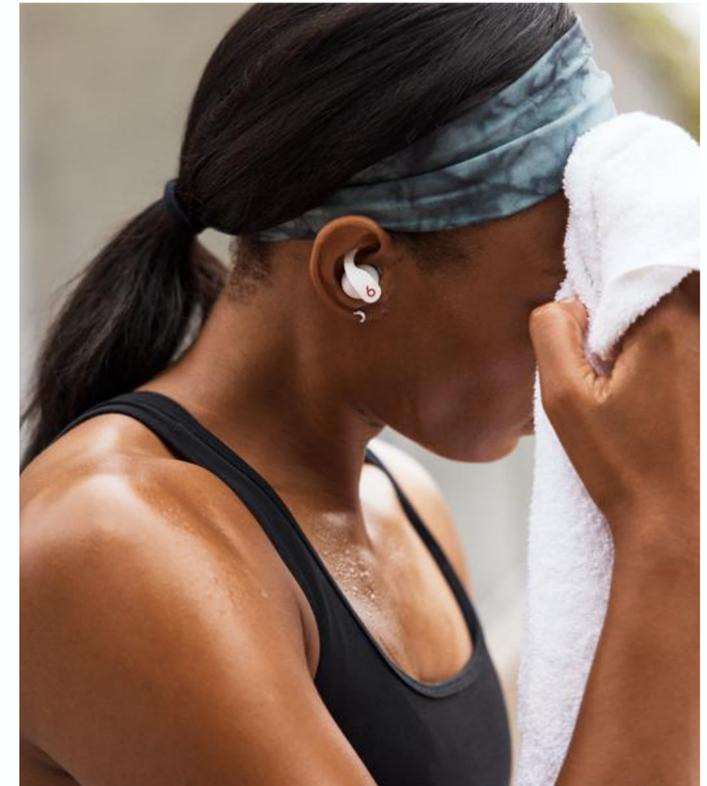
Small Ear

Medium Ear

Exceptional Comfort and Fit

The ergonomic development of Beats Fit Pro was founded on an in-depth understanding of the human ear, leveraging previous learnings, testing, and feedback from Beats and Apple products. Using a proprietary catalogue of anthropometric data, the product form factor was designed to optimize fit and long-term comfort without sacrificing acoustic performance or product features. A laser-cut, micro-venting hole near the acoustic nozzle helps relieve any potential pressure build-up for ultimate listening comfort.

A Revolutionary Wingtip

Beats Fit Pro features a flexible wingtip with an innovative design to ensure the earbuds stay secure in your ear throughout the most rigorous workouts and activity, ensuring uninterrupted, high-quality sound performance. With its revolutionary shape and implementation, the single affixed wingtip design creates a simplified approach to finding a personalized fit. The wingtip geometry and material selection evolved through an iterative design process with extensive activity-based user testing. Ultimately, the goal was achieved - deliver the optimal flexibility for earbud stability and comfort on any ear shape or size.

Large Ear

Compact Design

At just 5.6g per earbud, Beats Fit Pro is incredibly lightweight and physically smaller than nearly all of the competitive products with comparable feature sets. With optical sensors, accelerometers, gyroscopes, and microphones fitting into the space that includes the battery, acoustic components, controls, and antenna, Beats Fit Pro has over 30% more components than Beats Studio Buds in our smallest enclosure ever - a phenomenal effort in miniaturization and optimization. The transducer alone is over 15% larger than Beats Studio Buds. The charging case was reduced in size as well to ensure easy portability. Beats Fit Pro earbuds were designed with the athlete in mind and are sweat and water resistant with an IPX4 rating.
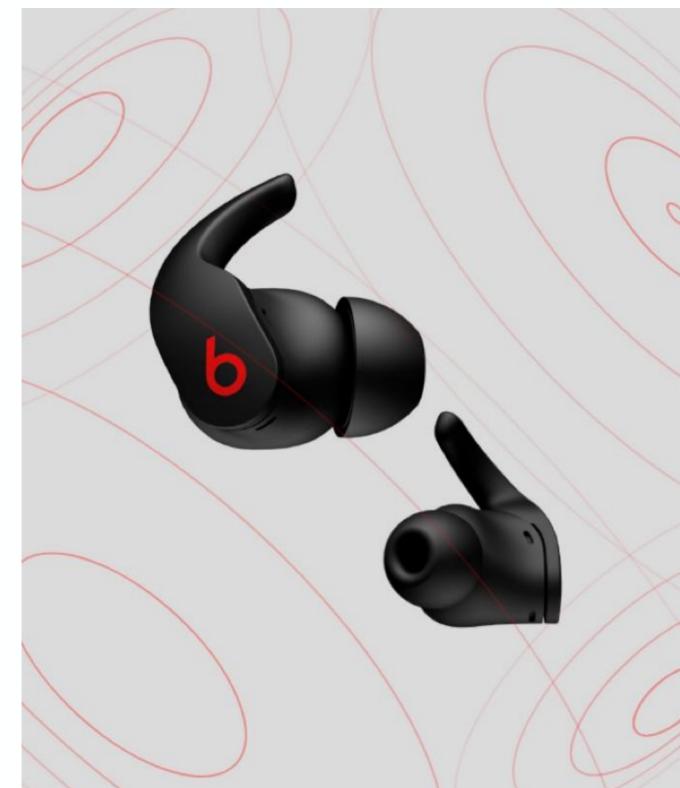
Custom-Built Transducers

Product fit and sound performance were the two primary lanes of focus in designing Beats Fit Pro. The earbuds feature custom, dual-element transducers to extract the best sound performance from such a small form-factor. The rigid central piston delivers a precise response with maximum output while innovative venting mechanisms minimize treble distortion across the flexible diaphragm surround. At just 9.5mm, Beats Fit Pro's transducer has remarkable dynamic range across the frequency curve for incredible sound reproduction while also managing the complexities of powerful Active Noise Cancellation and Transparency.

Acoustic Architecture

Beats Fit Pro's acoustic architecture is designed for the most efficient sound delivery to the ear with an axial-aligned transducer, perfectly directed at the ear canal. Acoustic bumpers in the rear chamber induce optimal airflow to extract the most powerful sound output capable in a small space. The Apple H1 chip drives high-powered digital signal processing, capable of executing over 9 billion operations per second. Beats signature tuning takes full advantage of the technological capabilities, delivering a powerful, balanced sound profile for an emotive listening experience.

Spatial Audio

Enabled by the Apple H1 chip, spatial audio with dynamic head tracking provides an immersive, theater-like experience for music, movies and games. The gyroscopes and accelerometers in both Beats Fit Pro and your iPhone or iPad are used to track the motion of your head as well as your device and compare the motion data. The sound field is then remapped so it stays anchored to the device, even as your head moves. On both iPhone and Android, Apple Music will automatically play Dolby Atmos tracks on all Beats headphones including Beats Fit Pro. Spatial audio is also supported on Apple TV.
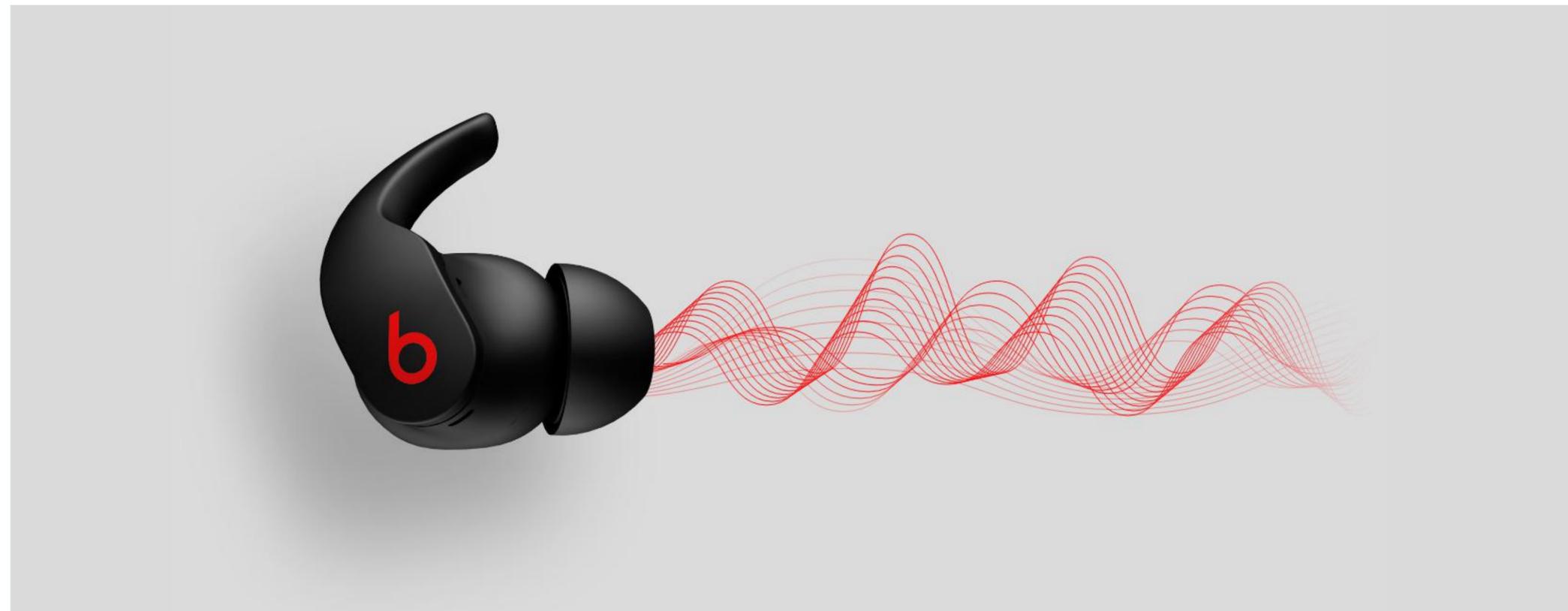
Adaptive Noise Cancelling

Beats Fit Pro features Active Noise Cancellation, driven by the Apple H1 chip, that adapts to both environmental noise and personal fit. Leveraging a hybrid system of outward-facing and inward-facing microphones, Beats Fit Pro continuously monitors and adjusts the anti-noise curve to match environmental sounds. The internal mic helps eliminate any remaining, unwanted noise inside your ear with an efficient software algorithm that adapts the sound signal 200 times per second - a complex system that is not prevalent in competitive products due to power consumption. The result is an exceptional noise cancellation solution for an immersive listening experience.
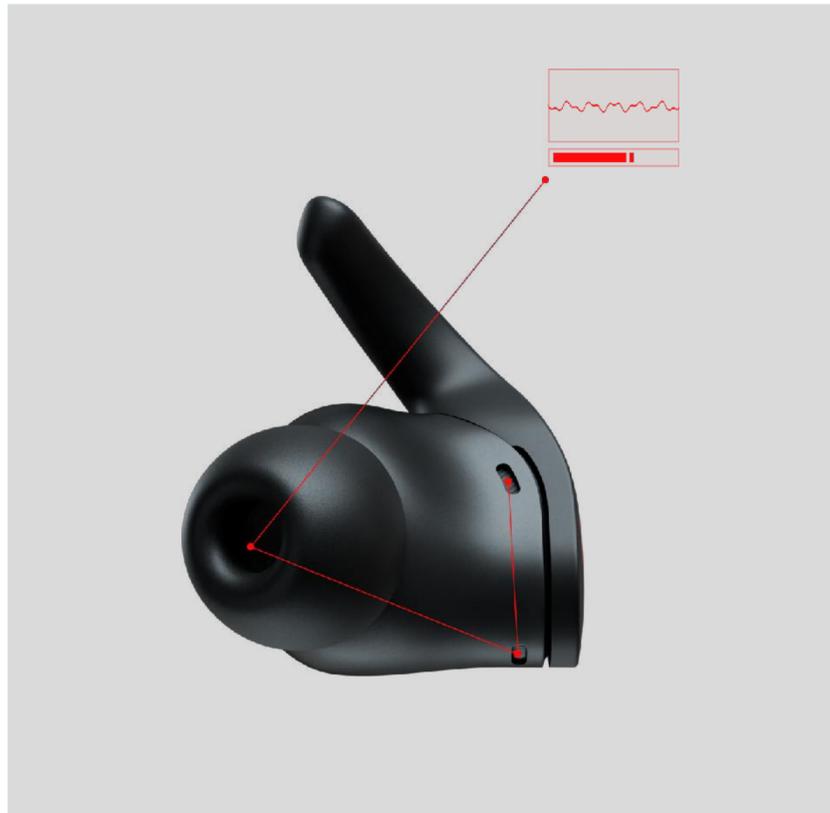

Transparency Mode

When your preference is to tune-in to the world around you - for a run around the city or for awareness at work - Transparency mode allows the sounds of your surroundings back in for a natural listening experience. The outward-facing microphones used for ANC accurately feed environmental noise back in with exceptionally low-latency processing, providing an on-demand counter-balance to noise cancelling and more time with the music that you love.

Adaptive EQ

Adaptive EQ is automatically enabled when ANC and Transparency are turned off, delivering personalized tuning tailored to individual fit. Powered by Apple's computational audio, the inward-facing microphone in each earbud listens to the sound you are hearing and automatically tunes the low and mid-frequencies to the shape of your ear for superior sound quality and a consistent listening experience.
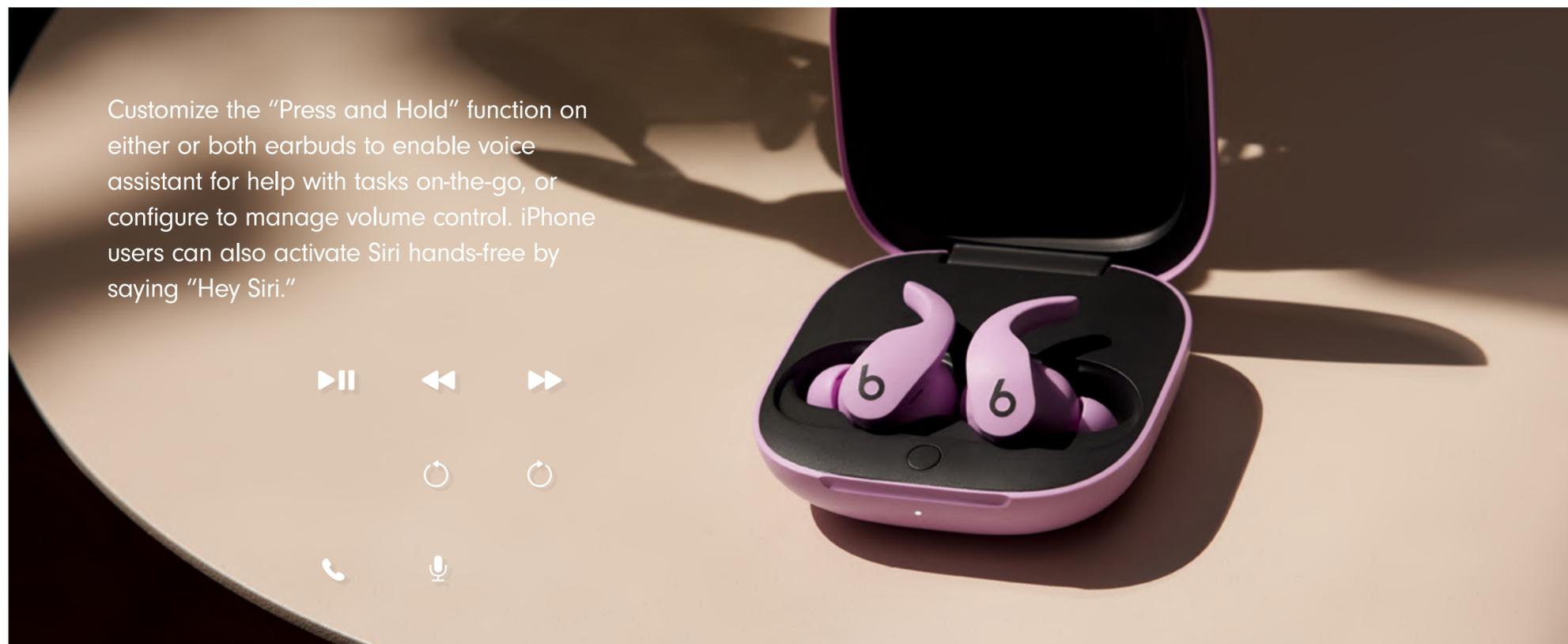
Telephony and Voice Quality

Beats Fit Pro deliver high-quality call performance with dual beamforming microphones to target your voice, a voice accelerometer to help remove unwanted external noise, and an internal mic to enable a natural speaking experience. Microphones are recessed and strategically placed to mitigate against unwanted wind-noise, while an advanced algorithm evaluates data from the voice accelerometer to help isolate your voice and remove extraneous sounds for a remarkably high signal to noise ratio. This same, thoughtful voice uplink architecture is also leveraged for communication with Siri and Android voice assistants. Beats Fit Pro leverage all three microphones when using a single bud and five microphones when using both buds with exceptional battery performance - 5 hours from the buds and 22 hours combined with the case.
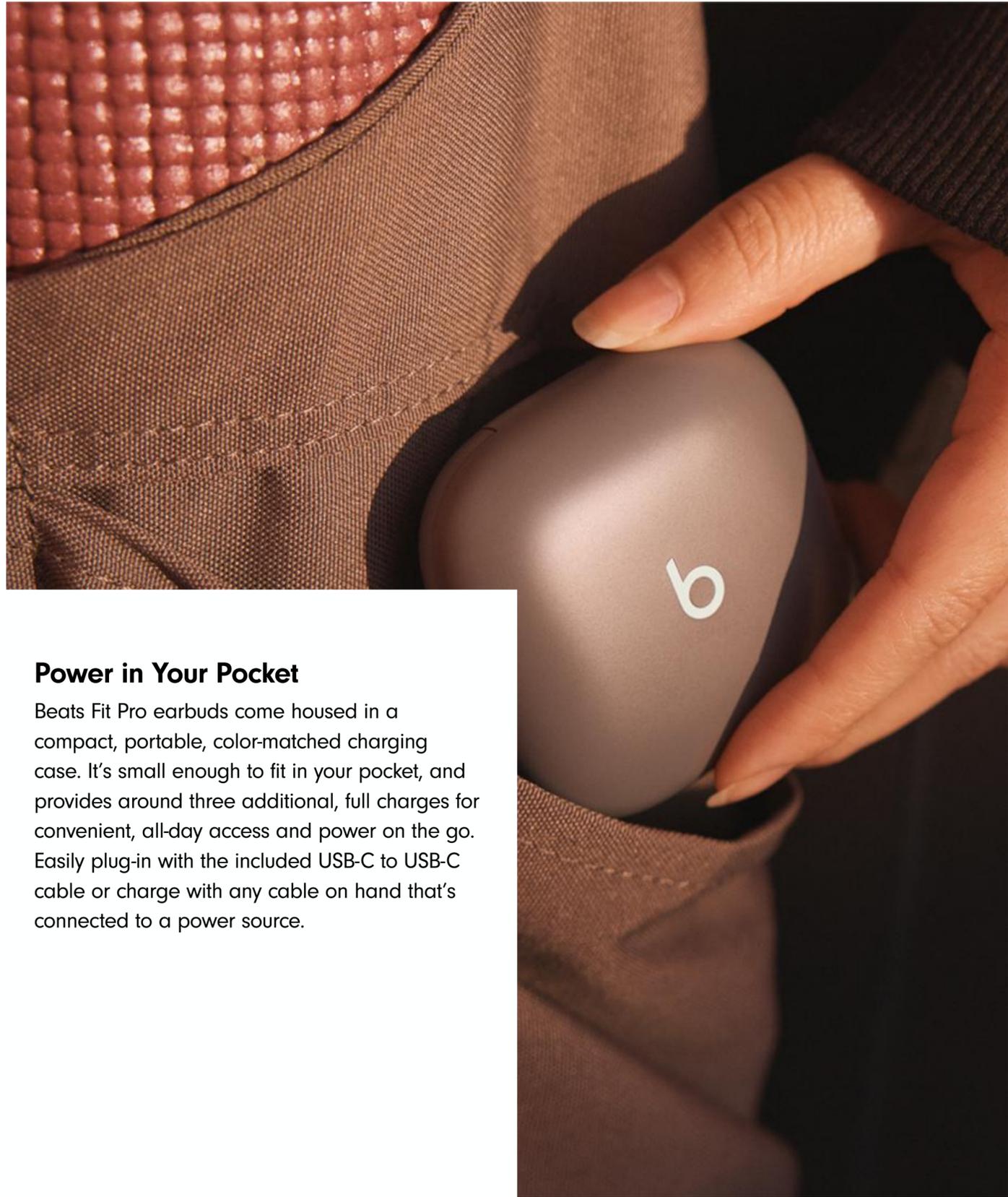
Controls and Auto-Play/Pause

Beats Fit Pro uses skin-detect sensors to automatically play and pause content when the earbuds are placed in or removed from your ears for seamless usability while on the go. Upgraded optical sensors with multi-wavelength LEDs help determine proximity to an object as well as if that object is skin, providing better reliability while avoiding accidental triggers in your pocket or bag. The multi-function 'b' button on each earbud drives simple, reliable on-board product controls, allowing you to easily control music and manage calls. A long press changes listening modes for quick access between ANC and Transparency mode throughout the day. The 'b' button is discreetly located at the base of the wingtip, allowing you to avoid accidental presses that can set off your music or answer unwanted calls.
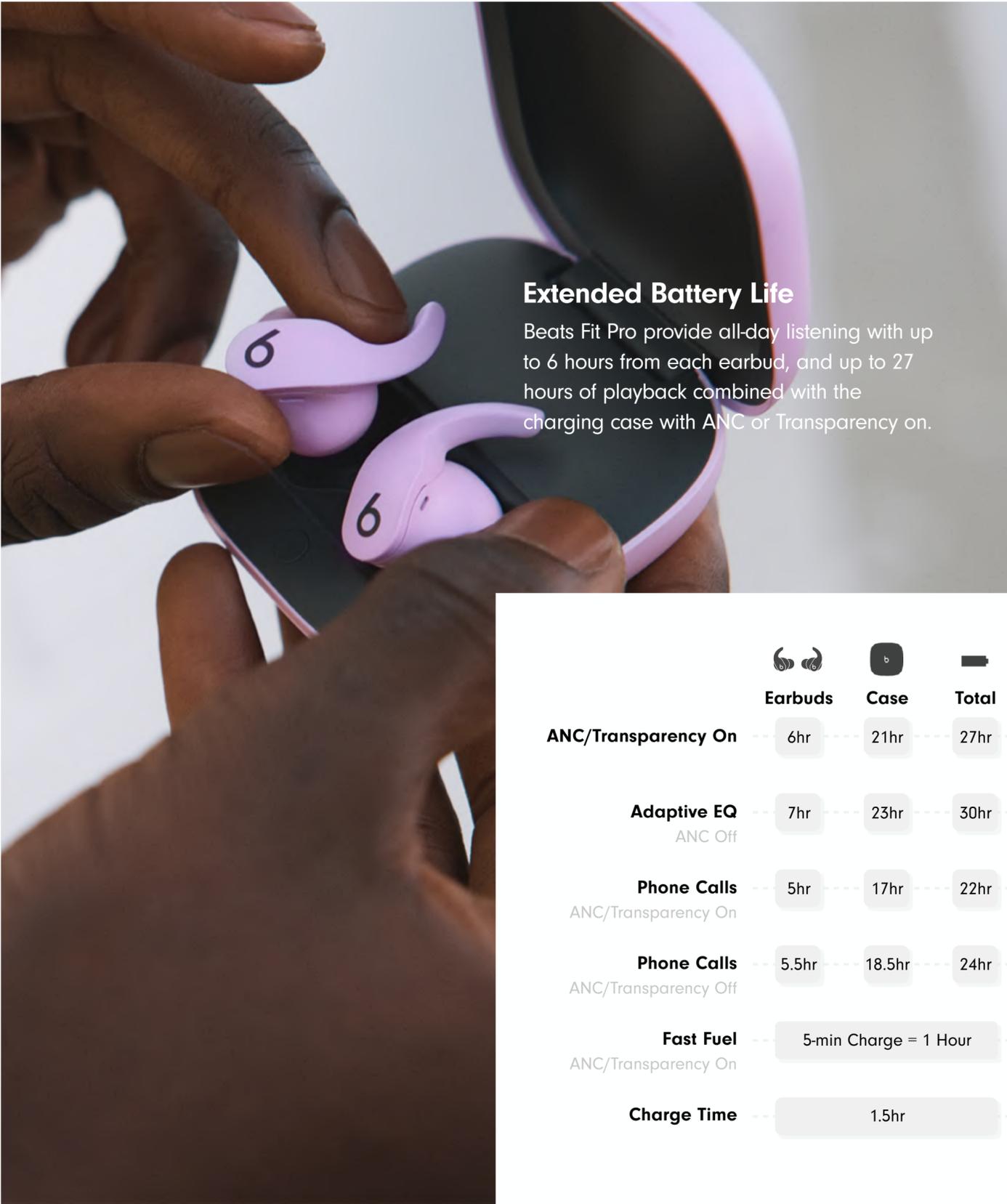
Customize the "Press and Hold" function on either or both earbuds to enable voice assistant for help with tasks on-the-go, or configure to manage volume control. iPhone users can also activate Siri hands-free by saying "Hey Siri."

Apple H1 Powered Features		Apple Ecosystem	Beats App for Android
	Adaptive ANC	◎	◎
	Transparency Mode	◎	◎
	Adaptive EQ	◎	◎
	Spatial Audio	◎	◎
	Auto-Play/Pause	◎	◎
	Class 1 Bluetooth® Connectivity	◎	◎
	Beamforming Microphones	◎	◎
	Fast Fuel Charging	◎	◎
	One-Touch Pairing	◎	◎
	Ear Tip Fit Test	◎	◎
	Listening Mode Controls	◎	◎
	Customizable Controls	◎	◎
	Battery Status	◎	◎
	Product Renaming	◎	◎
	OTA Firmware Updates	◎	◎
	iCloud Sharing	◎	
	Automatic Switching	◎	
	Audio Sharing	◎	
	Spatial Audio w/ Dynamic Head Tracking	◎	
	Hands-free "Hey Siri"	◎	
	Find My	◎	

9:41

Howard's Beats Fit Pro

Dolby Atmos

Noise Control Transparency

Spatial Audio On

9:41

Test Results

L — Good Fit

R — Good Fit

Play it again

Extended Battery Life

Beats Fit Pro provide all-day listening with up to 6 hours from each earbud, and up to 27 hours of playback combined with the charging case with ANC or Transparency on.

Power in Your Pocket

Beats Fit Pro earbuds come housed in a compact, portable, color-matched charging case. It's small enough to fit in your pocket, and provides around three additional, full charges for convenient, all-day access and power on the go. Easily plug-in with the included USB-C to USB-C cable or charge with any cable on hand that's connected to a power source.

	Earbuds	Case	Total
ANC/Transparency On	6hr	21hr	27hr
Adaptive EQ ANC Off	7hr	23hr	30hr
Phone Calls ANC/Transparency On	5hr	17hr	22hr
Phone Calls ANC/Transparency Off	5.5hr	18.5hr	24hr
Fast Fuel ANC/Transparency On	5-min Charge = 1 Hour		
Charge Time	1.5hr		

Battery Life in Hours

Audio Technology	Beats custom designed, dual-element dynamic diaphragm transducer Active Noise Cancellation (adaptive) Transparency Mode Adaptive EQ Spatial Audio with dynamic head tracking
Microphones	6 microphones total • dedicated voice microphone on each earbud • feed-forward and feedback microphones on each earbud (utilized for both ANC/Transparency, Adaptive EQ, and voice uplink)
Sensors (per earbud)	Optical sensors Accelerometer Gyroscope
Telephony	Beam-forming microphone technology with targeted voice uplink and wind-noise mitigation system Up to 5 microphones employed for phone calls • 5 microphones for dual-bud in ANC/Transparency • 3 microphones for single-side bud use • Voice accelerometer isolates user's voice to help eliminate unwanted environmental noise
Battery	Up to 27 hours of listening time with ANC/Transparency On • 6 hours of earbud usage with 21 additional hours from the case Up to 30 hours of listening time with Adaptive EQ On • 7 hours of earbud usage with 23 additional hours from the case Fast Fuel: 5 minute charge = up to 1 hour of playback (ANC On) Full System Charge (buds + case) = 1.5 hours
Controls	• Press once for play, pause, or answer a phone call •• Press twice to skip forward ••• Press three times to skip back ▬ Long Press to cycle between ANC ON (default) and Transparency (note: long press can be customized to enable voice assistant or volume control)
Connectivity	Bluetooth 5.0

Size and Weight	Earbuds Dimensions: 28mm (h) x 21mm (w) x 20mm (d) Weight: 11.2g (5.6g per earbud) Case Dimensions: 62mm (h) x 62mm (w) x 29mm (d) Weight: 54.5g
In the Box	Beats Fit Pro Charging Case USB-C to USC-C charging cable 3 sizes of soft silicon eartips (S, M, L) Documentation
System Requirements	iPhone: latest version of iOS for full system compatibility Android: Beats app requires Android 8.0 or later
Environmental	Beats Fit Pro • 100% recycled rare earth elements in all magnets • Brominated flame retardant-free • PVC-free and Beryllium-free • 74% less energy consumed than the U.S. Department of Energy requirements for battery charger systems Packaging • 88% of packaging is fiber-based • 74% recycled content in fiber packaging • 100% of the wood fiber comes from recycled and responsible sources

Black	Sage Grey	Stone Purple	White