



# Perfect fit Pure talk

Mono  
**FCH7210**



46.6  
gm

Duo  
**FCH7210D**



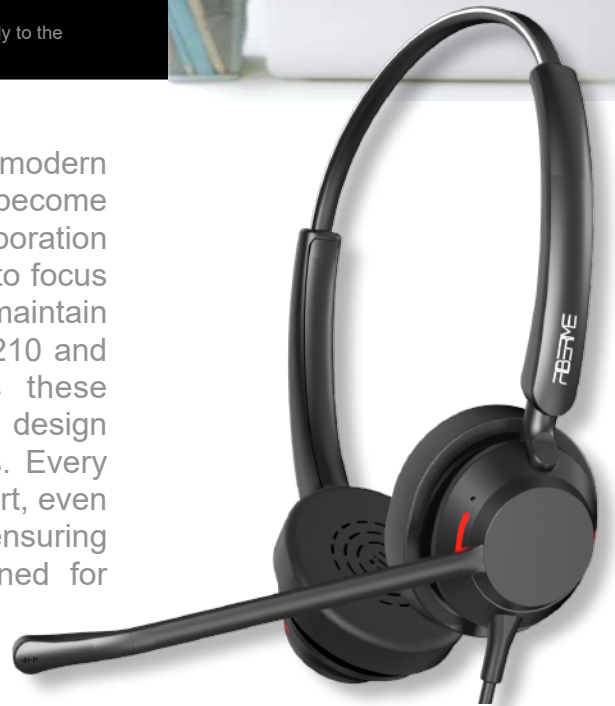
61.8  
gm



The actual weight may vary slightly between production batches. The stated weight applies only to the headset body and does not include the cable or in-line controls.



As hybrid work environments continue to shape the modern workplace, online communication sessions have become longer, more frequent, and increasingly vital for collaboration and productivity. This ongoing shift makes it essential to focus on enhancing the overall user wearing experience to maintain comfort and efficiency throughout the day. The FCH7210 and FCH7210D headsets are engineered to address these evolving needs, featuring an innovative ergonomic design meticulously crafted from premium, durable materials. Every detail has been optimized to provide exceptional comfort, even during extended periods of intensive communication, ensuring a secure fit and stable sound performance. Designed for professionals who depend on reliable, high-quality audio, these headsets perfectly balance functionality, comfort, and aesthetics—empowering users to perform at their best across diverse work environments, whether at home, in the office, or on the go.



The uniquely designed oval-shaped earcups are carefully contoured to follow the natural shape of the human ear, providing a more precise and comfortable fit compared to traditional round designs. This ergonomic structure helps distribute pressure evenly around the ears, reducing tension and significantly minimizing fatigue during long hours of continuous use. The result is an enhanced wearing experience that combines superior comfort with sustained acoustic performance, ideal for professionals who rely on headsets for extended communication sessions.



square ear



pointed ear



narrow ear



sticking out



round ear



broad lobe



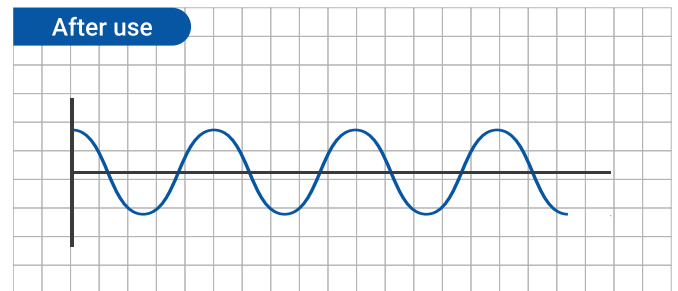
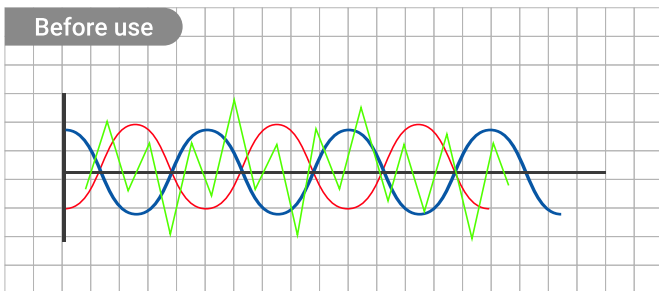
attached lobe

## 3 Mic Array Noise Cancellation

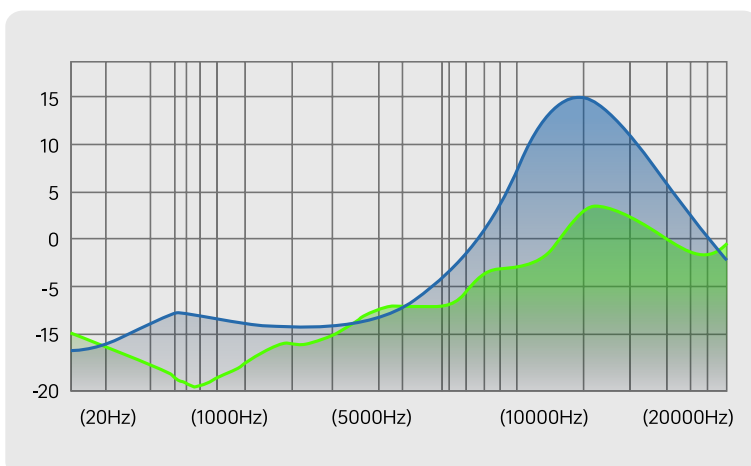
Muffled or distorted audio can easily disrupt communication and reduce meeting efficiency.

To address this, the FIBERME FCH7210 and FCH7210D headsets are equipped with a proprietary AENC™ (Active Environmental Noise Cancellation) processing chip combined with advanced DSP (Digital Signal Processing) audio technology.

This intelligent system precisely identifies and filters out unwanted background noise such as office chatter, keyboard clicks, or ambient hum while preserving the clarity and natural tone of the speaker's voice. As a result, users experience consistently crisp, balanced, and lifelike sound quality, ensuring smooth and uninterrupted communication in any environment, whether working remotely or in busy office settings.



**Dynamic HD Sound:** The FIBERME FCH7210 series is equipped with high-performance speakers engineered to deliver outstanding audio resolution and remarkable sound sensitivity, ensuring every tone, word, and detail is reproduced with precision and clarity. Enhanced with Adaptive Audio Processing technology, the headset intelligently analyzes the surrounding environment and dynamically adjusts sound output in real time based on the audio source and noise conditions. This smart adaptability not only maintains balanced sound quality across various use scenarios but also minimizes auditory fatigue during long listening or communication sessions. The result is a deeply immersive and comfortable audio experience, allowing users to focus, communicate, and enjoy every conversation or piece of media with exceptional clarity and realism.



<b>Audio Technologies</b>	Noise Reduction Method: AI mic noise-cancelling technology Noise Reduction Depth: up to 54dB(A) Acoustic Echo Cancellation: ✓ Voice Activity Detection: ✓ Comfort Noise Generator: ✓ Automatic Gain Control: ✓ Microphone Array: 3-mic array
<b>Audio Quality</b>	Audio Quality: up to 48k/24bit/s Signal to Noise Ratio: 105dB Dynamic Range: 0~105dB Dual Channel Output: stereo
<b>Main Microphone</b>	Microphone Direction: omnidirectional Microphone Type: 1 Analog ECM, 2 Analog MEMS Microphone Sensitivity: -40±2 dBV/Pa (Analog ECM), -38±1 dBV/Pa (Analog MEMS) Microphone Frequency Range: Analog ECM 20Hz-10kHz, Analog MEMS 100-6.3kHz Microphone Bandwidth: wideband
<b>In-line Controls</b>	Answer/End a Call Button (Please check the compatibility list below) Volume Up Button Volume Down Button Microphone Mute/Unmute Button
<b>Busylight on Earcups</b>	Status Indicator: red LED/no light Function Display: automatically light up red on a call/turn off the red light when ending a call Incoming Call Alert: the red light flashes (Please check the compatibility list below) Manual Mode: support (Press the answer/end calls button to change the status)
<b>Speaker</b>	Speaker Size: 20.0 mm Speaker Sensitivity: 105±2dB SPL @ 1 kHz Speaker Frequency Response Range: 20 Hz-20 kHz Speaker Impedance: 32 Ω, @ 1.0 kHz Speaker Input Power: max 10 mW Speaker Bandwidth: wideband

<b>General</b>	Material: ABS/TPE Headset Cable Length: 0.67cm (from Headset to In-line Controls unit) USB Cable Length: 1.2m (from In-line Controls unit to USB-A plug) Color: black Storage Temperature: -5 °c to +70 °c Operating Temperature: 0 °c to +45 °c
<b>Test/ Compliance</b>	Audio Certification: authoritative certification of CTTL Test Standard: ETSITS103106 Maximum Sound Pressure Level: < 100 dB(A) (meets the EN50332-2:2013 standard) BACL Test Report No.: 2401S58394E-SF Standard Certification: IOS9001/CE/FCC/ROHS USB Plug-and-Unplug Life Test: >5000 times Headband Expansion Life Test: >5000 times Sliding Arm Telescoping Life Test: >2000 times Headband Twist Test: >3000 times Microphone Boom Rotation Test: >3000 times Microphone Boom Bending Test: >3000 times Cable Tension Test: 3KG for 1 minute Cable Swing Test: ±90 degree swing, weight 200g, ≥ 5000 times
<b>Package Features</b>	Package Contents: - Fabric pouch - Quick start guide Qty/ctn: 20 pcs N.w/ctn: 2.0kg G.w/ctn: 5.0kg Giftbox: 155*193*46mm Carton: 40*33.5*28cm

<b>Operating System</b>	Windows, Mac OS, Linux
<b>Connector</b>	USB-A, compatible with PCs, Laptops, Android phones (Please inquire the sales for compatibility list)
<b>Softphones</b>	FIBERME Swing, Teams, Skype4B, Cisco Jabber, Lync, Avaya, 3CX, 8x8, Slack, RingCentral, Circuit by Unify, Counter Path Bria, Zoom etc.
<b>Busylight on Earcups</b>	1.The function of automatically lighting up red when you are on a call is compatible with 2.Incoming calls flash, support Teams (the compatibility list is continuously updating)
<b>Answer/End Calls Function</b>	Answer/End Calls&Mute-sync functions support MS Teams/SFB/Bria Solo/Softphone.Pro

