

AURA EQ HEADSET™

Personal Sound Amplification Product (PSAP)

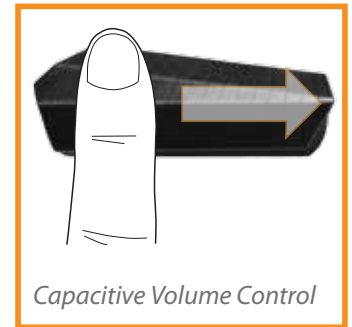
User Customizable EQ and Enhanced Hearing Bluetooth® Earset

Description

All Bluetooth® earsets pair to your cell phone for hands free conversations. Spracht's innovative and patent pending Aura EQ Headset™ goes much further, by adding a second mode for local enhanced hearing. This feature turns the Aura EQ Headset™ into a personal local sound amplifier which is an aid to hearing conversations. This is accomplished by electronically switching to a second microphone focused on whomever you are talking to. The Aura EQ Headset™ then adds:

- A user adjustable 8 frequency band equalizer to compensate for personal hearing loss.
- An extra amplifier that can generate more than 25% more volume than other BT earsets.
- A capacitive volume control that needs just a touch or slide of the finger to adjust volume.
- A full DSP for noise and echo cancellation in both Bluetooth mode and local hearing mode.

Truly the best in personalized conversations.



Features in Detail

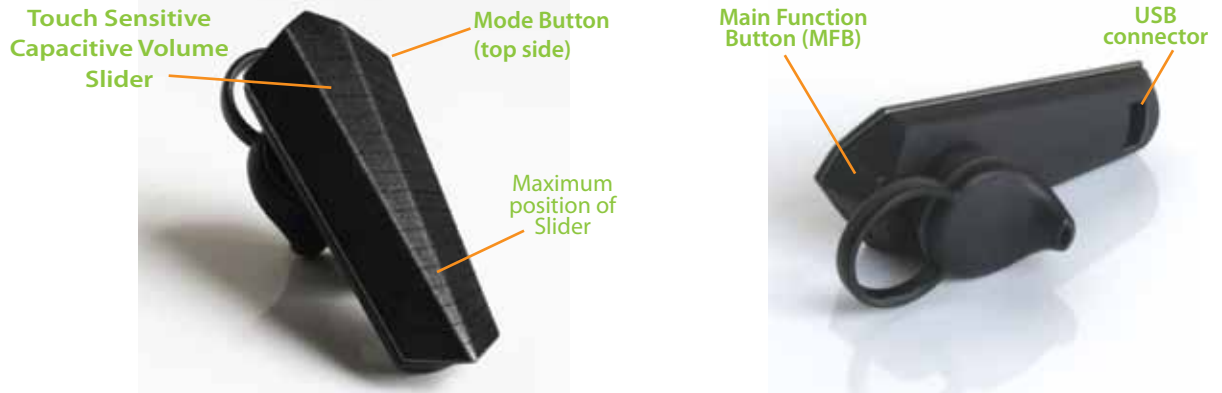
- **Capacitive Volume Control.** No more 'blindly' trying to find buttons on your earpiece to lower or increase the volume. With Capacitive Volume Control, the outer shell of the unit is also the invisible volume control mechanism; all you see is the cool design of the product itself. Just rub your finger on your earpiece from back to front, or front to back to raise/lower the volume level – it's that simple!
- **8 Frequency Band Equalizer.** Hearing is a delicate resource, degraded by both age and environmental factors such as loud music, work noise or urban living. Few people have perfect hearing no matter their age. This feature allows you to adjust the EQ to your personal hearing preferences to improve verbal recognition without the stigma attached to wearing a hearing device. The Aura EQ Headset™ comes with 3 preset EQ settings for the most common loss points, plus a completely user adjustable mode. Once set, the settings are saved as your personal settings until you change them.
- **High Output Amplifier.** Most Bluetooth devices have a fixed amplifier built into the chip. The Aura EQ Headset™ adds an external amplifier to increase the volume when needed, with up to 25% more volume.
- **3 Microphone DSP Design.** The Aura EQ Headset™ utilizes 3 microphones. One is for Bluetooth conversations on your cell phone which is focused on your mouth, one for local amplified local conversations which is focused in front of you, and one used as the ambient noise filter, for crisp, clear sound in any environment and mode.
- **Small Light Weight Design.** Size and weight are comparable to any BT earset. And, it is unobtrusive: wear it anywhere you want to hear better. Board rooms, bars, trade shows, watching TV, etc.
- **Full Duplex Communications.** Like a high end conference phone, you can talk and hear at the same time when on your cell phone.
- **The Latest CSR BlueCore™ 5 Multimedia Chip.** This is the latest BT technology allowing for multipoint conversations, 3 way calling and other features.
- **USB Quick Rechargeable Lithium Ion Battery.** Charges from dead to full in under 2 hours.

The result of these features is an absolutely clear, amplified and personally corrected sound both when you are on your cell phone or just having a conversation.

AURA EQ HEADSET™

Personal Sound Amplification Product (PSAP)

User Customizable EQ and Enhanced Hearing Bluetooth® Earset



First of its kind Dual Use BT and PSAP Device/Augments Hearing Loss

The Aura EQ Headset™ is the first dual use product for enhanced hearing. The Aura EQ Headset™ incorporates a Personal Sound Amplification Product (PSAP) as defined by the FDA, and a Bluetooth earset for wireless cell phone conversations. You can Bluetooth connect to your cell phone, or switch to local conversation mode, with the touch of your finger or switch automatically. Both modes are processed through the Digital Signal Processor (DSP) and corrected for personal hearing loss and amplified to your personal needs, so you can hear better in any conversation or situation. Noisy rooms, job sites, and other distractions fade away, replaced by clear, noise reduced and sound corrected conversations.

Who should use it and where?

- Anyone with mild hearing loss.
- Anyone that works in a noisy environment, even if you have good hearing.
- Anyone who wants to hear better in any environment.

Note: The Aura EQ is intended for mild hearing loss augmentation as defined under FDA rules as a PSAP. It is not intended to be a hearing aid as defined by the FDA. For severe hearing loss, see your doctor.

PRODUCT SPECIFICATIONS

Features		Controls and Interfaces
Bluetooth® 2.1 +EDR		ON/OFF
DSP (Digital Signal Processing) based noise cancellation BC5		Capacitive Slider for Volume increase/decrease
3 Mic: 2 Main Switchable, 1 for Ambient Noise Reduction		Mode
Supports three way calling (if your phone has this function)		Select
Multipoint		Blue LED for Bluetooth® pairing
Hearing enhancement mode for live conversations (non-cell phone)		Amber LED for charging
8 Band Adjustable Equalizer: 3 Presets, 1 User Adjustable, 30dB range		Mini USB charge port
Electrical, Audio Specifications		Package includes
Bluetooth® range: 33' (10 meters)		P/N: HEQ-2010
Enhanced Amplifier increases volume >25% over standard BT devices		Aura EQ Headset
Rechargeable Li Ion Battery: up to 5 hour Talk, 200 hour Standby		USB Cable for Charging
Charge Time: 2 hours max		120V/240V Charger
Mic Sensitivity -26 ± 3 dB s/n > 58 dB		3 Earbud sizes
Certifications: FCC part 15 Class B, CSA, CE, RoHS		Users Guide / Quick Start / Registration Card
Mechanical Specifications		
Dimensions	2.1" (54 mm) L x .47" (12 mm) W x .57" (14.5 mm) D	Package is approximately 8" (20.3cm) x 4" (10.2cm) x 2" (5.1cm)
Weight	.3 oz. (8.5 gm)	
Operating Temperature	14° - 140° F (-10° C to 60° C)	1 year limited warranty