The H6 Headset is the lowest profile headset microphone in the world, combining the transparent sound quality of the E6 Earset with a comfortable, lightweight, and easily adjustable headframe. Available in omnidirectional and pattern-adjustable directional versions, the H6 Headset is perfect for public speaking and vocal performance. The H6 features a sealed connector with exceptional moisture resistance, a slim and nearly indestructible cable, and protective caps to adjust the frequency response (omni) or pattern (directional).

**Nearly Invisible:** With a diameter of only 0.1” (2.5 mm)—the size of a No. 2 pencil lead—the mic capsule virtually disappears when worn.

**Sweat-Resistant Connector:** The mic detaches from the cable using a new connector with a tight seal against moisture (e.g., sweat).

**Extra-Rugged Cable:** The 1.2 mm diameter cable uses Aramid strength members and engineered alloys for extreme tensile and flex strength.

**Easily Adjustable:** The headframe can be adjusted to fit different head sizes and the mic boom slides to get the perfect fit.

### Frequency Response

- **Omnidirectional:**
  - W5: 20 Hz to 20 kHz
  - W6: 20 Hz to 15 kHz
  - W7: 20 Hz to 15 kHz

- **Directional:**
  - W5: 20 Hz to 15 kHz
  - W6: 20 Hz to 15 kHz
  - W7: 20 Hz to 15 kHz

### Sensitivity

- **Omnidirectional:**
  - W5: 7.0 mV/Pa
  - W6: 2.0 mV/Pa
  - W7: 0.7 mV/Pa

- **Directional:**
  - W5: 6.0 mV/Pa
  - W6: 1.9 mV/Pa
  - W7: 0.6 mV/Pa

### Equivalent Acoustic Noise

- **W5:** 24 dBA
  - W6: 29 dBA
  - W7: 39 dBA

### Overload Sound Level (1% THD)

- **Omnidirectional:**
  - W5: 120 dBA
  - W6: 130 dBA
  - W7: 140 dBA

- **Directional:**
  - W5: 125 dBA
  - W6: 135 dBA
  - W7: 145 dBA

### Power Requirements

- 500 µA at 1 to 2 Volts

### Weight

- .07 oz (2 grams)
H6 Headset: Features and Use

**Detachable Cables:** With other microphones, a worn cable means you need to purchase a new microphone. An H6 Snap-On Cable attaches in seconds. Quick-connect super-rugged cables are available in four colors for almost any wireless transmitter, digital recorder or phantom powered XLR mic input.

**Sweat-Proof Connector**
Detaches from cable with rugged, tightly-sealed snap connection.

**Robust Design**
Stainless steel tubing and wire provide maximal durability in a sleek design.

**Adjustable Earloops**
Both earloops slide in and out to achieve a comfortable and secure fit on the head.

**Adjustable Length**
The boom slides independently of the earloops to place the mic right at the mouth.

**Subminiature Capsule**
Tiny 0.1” diameter capsule delivers outstanding audio quality.

The directional version (inset) provides warmth and extreme isolation.

The omni version (main picture) has a beautifully natural response with minimal wind or handling noise.

**Changeable Caps:** For omnidirectional microphones, caps change the high frequency (15 kHz) response. Choose +0 dB for the flattest response, +4 dB for bright highs, and +8 dB for extra brightness. For directional microphones, caps change the pickup pattern between cardioid and hypercardioid.

**Three Sensitivity Options:** The H6 Headset has three sensitivity options. Choose W5 (no band) for general speaking, W6 (blue band) for loud speaking and vocals, and W7 (purple band) for powerful vocals such as opera. Directional microphones are marked with an additional green band.

**Colors:** Tan works very well for Caucasian skin tones as well as olive complexions. Light beige works well for light and pink tones. Cocoa is ideal for light brown to chocolate tones. Choose black for deep brown skin, or on other skin tones when you want the mic to be visible. When in doubt, choose the darker option. A mic that’s too light can resemble a scar or blemish, while a darker mic reads as a shadow and draws less attention.