

COUNTRYMAN ASSOCIATES INC  
**H7 HEADSET  
 MICROPHONE**

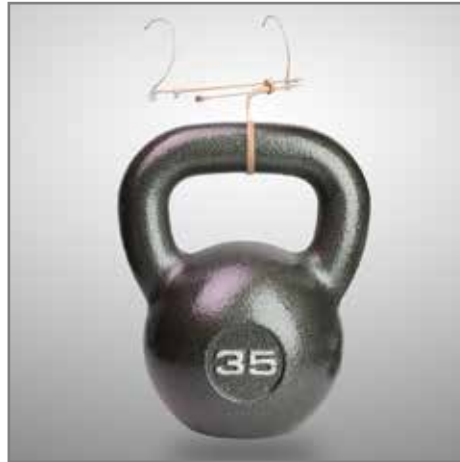


Supplied with a 5' H7 Snap-On Cable, carrying case, small and large windscreens, and black and white cable clips.

Decades of headset microphone design come together in the H7 Headset, combining an exceptionally controlled directional pattern and wide dynamic range with user comfort and durability.



**Precision Focused Sound:** Full frequency response directed right where you need it, the precision cardioid pattern of the H7 shuts out feedback and surrounding noise.



**Advanced Ruggedness:** From cable to connector to capsule, the H7 is our strongest, most water-resistant, and most resilient directional microphone yet.



**Nearly Invisible:** The ultra-slim side-address capsule comes in four color tones to virtually disappear against skin.



**Light and Comfortable:** At less than 7 grams (.25 oz) the headframe adjusts to fit different head sizes and the mic boom slides to get the perfect fit.

**Directional Pattern**

Cardioid

**Principle of Operation**

Pressure gradient

**Frequency Response:**

20 Hz to 20 kHz  
 50 Hz to 20 kHz  $\pm$  3 dB

**Sensitivity:**

-41 dB re 1 V/Pa (8.9 mV/Pa)  $\pm$  3 dB at 1kHz

**Maximum SPL:**

136 dB SPL (peak) < 1% THD  
 133 dB SPL (rms) < 1% THD

**Equivalent Input Noise:**

Typ. 29 dB re 20  $\mu$ Pa (A-Weighted)

**Dynamic Range:**

Typ. 107

**Output Impedance:**

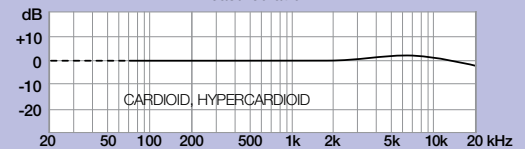
200  $\Omega$

**Current Drain:**

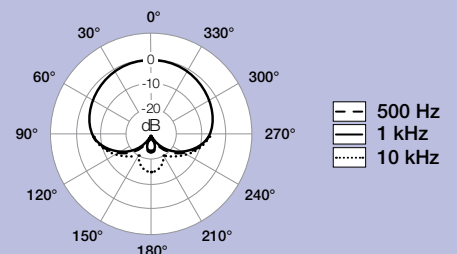
Typ. 100  $\mu$ A (7VDC, 2-wire)

**Frequency Response**

measured at 6 mm



**Polar Response**



# H7 Headset: Features and Use

## Extended Adjustability:

Both earloops slide in and out to achieve a comfortable and secure fit on small or large heads.

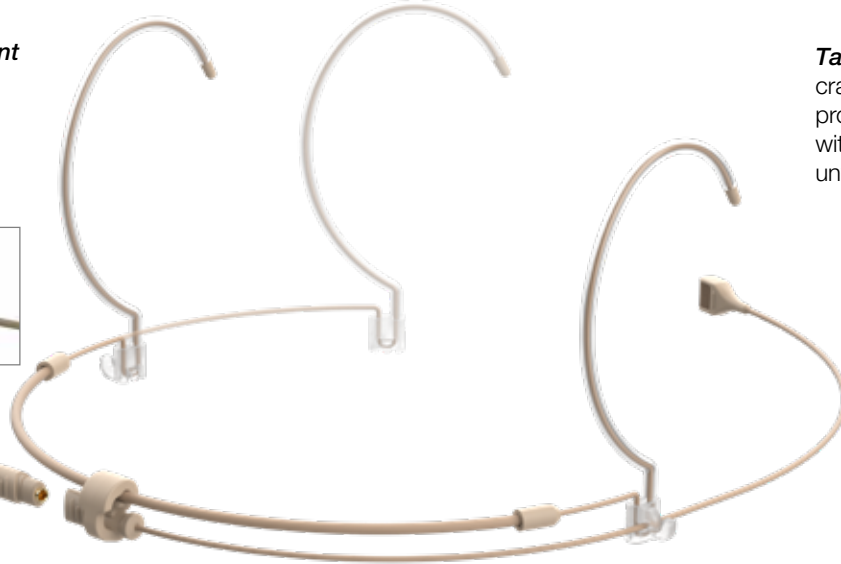
**Miniature Capsule:** Ultra slim side-address capsule sheds sweat and moisture while maintaining a low profile.

## Advanced Water-Resistant Connector:

The unique slim connector detaches from the microphone and provides more than 5 ATM of ingress protection.



**Tailored Pattern:** Carefully crafted cardioid pattern provides for easy placement with solid rejection of unwanted sound.



## Precise Positioning:

The boom slides independently of the earloops to place the mic right at the mouth and flips for left or right side placement.

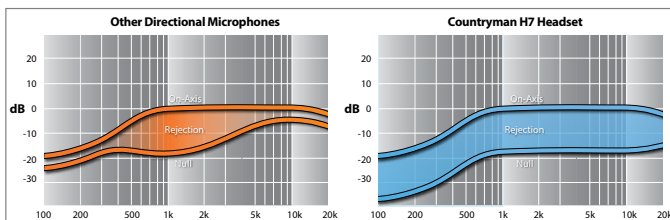
## Extra-Rugged Detachable Cable:

With other microphones, a worn cable means you need to purchase a new microphone. An H7 Snap-On Cable attaches in seconds to adapt the headset for virtually any wireless system or powered interface.

## Robust Construction:

Stainless steel tubing and wire provide maximal durability in a sleek design. Engineered paints and cable jackets ensure years of performance on the road.

The 1.2 mm diameter cable uses Aramid strength members and engineered alloys for extreme tensile and flex strength.



**Full-Range Directionality:** Many directional microphones are not very directional at low and high frequencies, resulting in off-axis coloration, more ambient noise, and opportunities for feedback. The H7 Headset has an extremely controlled polar pattern across frequencies for natural sound and consistent performance in any environment.



**Versatile Colors:** Countryman microphone colors are based on popular theatre makeup shades designed to blend against the skin. **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.