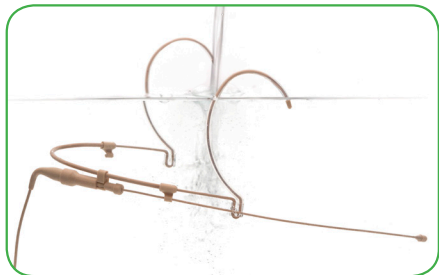




COUNTRYMAN
H6 HEADSET

Contents

The H6 Headset Microphone	4
Microphone Care	5
Fitting the H6 Headset	6
Positioning the Microphone	7-8
Switching the Microphone Side	9
Snap On Cables	10
Protective Caps	11
Collar Clips	12
Accessories and Replacement Parts	13
Specifications and Declarations	14-16



Thanks for choosing the Countryman H6 Headset.

The H6 is the lowest-profile headset microphone in the world. Combining excellent isolation and transparent sound quality, the H6 is perfect for a wide range of applications, including houses of worship, broadcast, corporate presentations, theater, and many more. The H6 uses the same capsule as our now-industry-standard E6 Earset, with a comfortable and lightweight headframe for added security and adjustability.

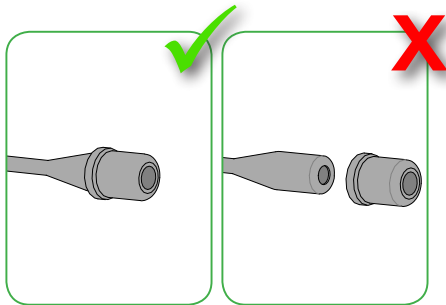
This booklet describes how to use and protect your H6 to get the best performance.



Microphone Care

The H6 Headset is designed for exceptional audio clarity and durability. Following some basic guidelines will ensure you get maximum performance from your H6 for years to come:

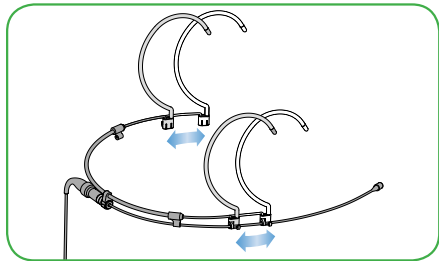
- **Always use the H6 with its omni or directional cap in place.** The cap is critical to the sound quality and also protects the capsule from makeup, moisture, and debris.
- When a protective cap is not in place, avoid touching the end of the capsule with fingers or obstructing the opening with foreign substances.
- Remove the cap only for cleaning. The cable and cap may be cleaned with alcohol wipes, soap and water, or spirit gum remover. *Do not use water or any chemicals on the capsule itself.*



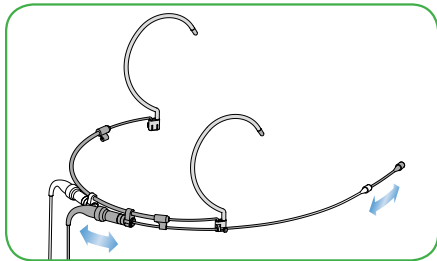
Always use the H6 with the cap firmly in place.

ONLY remove the cap to clean it. The H6 cap is required for optimum audio performance.

Fitting the H6 Headset



Adjust the earwires for your head size. The headset should feel snug without pinching. If the H6 feels loose on the head, slide the earwires back to tighten the fit.



Slide the boom to reach your mouth. You may need to take the headset off momentarily to slide the boom exactly where you want it, then put the headset back on.

Positioning the Microphone



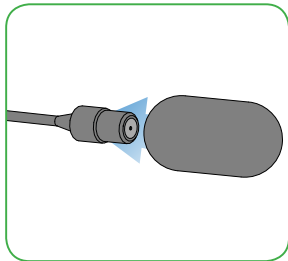
Hold the earwire with one hand and slide the boom forward or back to adjust the length.

The capsule should rest on or just off the skin and about 0.25" to 0.5" back from the corner of your mouth when smiling.



H6 Omnidirectional:

To avoid breath noise, you may wish to position the microphone slightly below the mouth line.



H6 Directional:

We recommend that you use the windscreen to address wind noise.

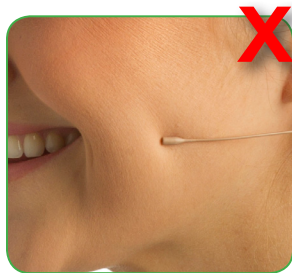
Positioning the Microphone (cont.)



If the capsule is too far back, you will not get the maximum isolation from your microphone.

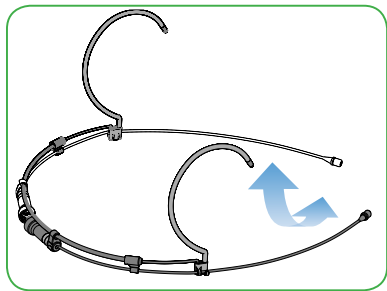


If the capsule is too far forward, you will get breath pops.

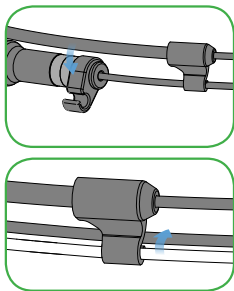


Be careful not to press the tip of the mic into your cheek, as this will muffle your sound.

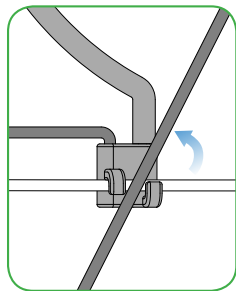
Switching the Microphone Side



The mic boom detaches from the frame and can switch to either the left or right side: first, remove the boom as shown to the right. Then, place it on the opposite side.

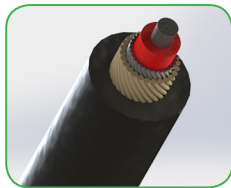
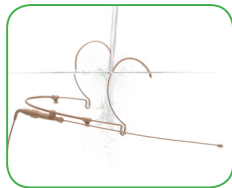
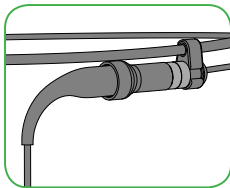
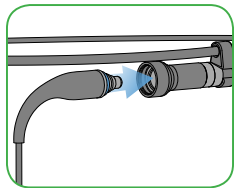


Unclip the boom from the two clips along the back of the headset.



Tip the boom to remove it from the hooks on the earwire.

Snap-On Cables




Press the H6 Snap-On Cable firmly into the boom connector until you feel a click. The connector can rotate freely and will not release accidentally.

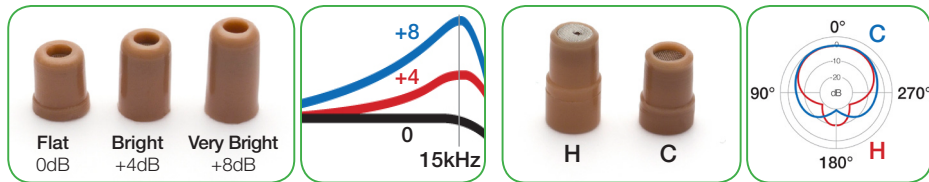
Choose an H6 Snap-On Cable to match your wireless transmitter, portable recorder, or XLR input with phantom power.

The H6 Snap-On cable is double-sealed against moisture and dust.

The 1.2mm diameter H6 Snap-On Cable uses Aramid strength members and engineered alloys for extreme tensile and flex strength.

Choosing Protective Caps

 Always use protective caps to keep sweat, makeup and other material out of the microphone.



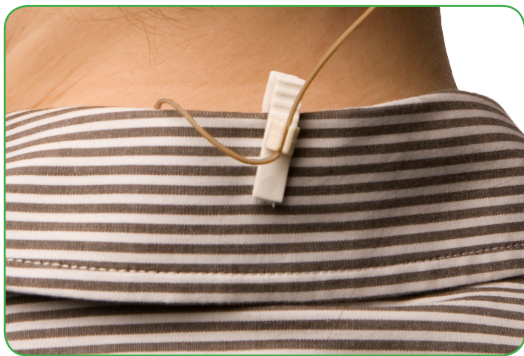
The H6 Omni includes three protective caps that shape the high frequency response of the mic (at 15 kHz). The most commonly used one is the **Bright (+4dB)** cap, which adds a little extra intelligibility without any harshness. The **Flat (+0dB)** cap sounds most natural, and **Very Bright (+8dB)** provides extra high-end boost.

The H6 Directional includes two protective caps that shape the polar response of the microphone: **Hypercardioid (H)** and **Cardioid (C)**. The H cap provides the best isolation from all directions. The C cap is most useful for tradeshow presenters or others who have a monitor speaker over their shoulders or behind them.

Collar Clips

The H6 Headset includes two choices of collar clip—one black, and one white—that provide strain relief for the cable. By using the collar clip, even if your mic cable gets tugged, the mic itself will remain securely in place on your head.

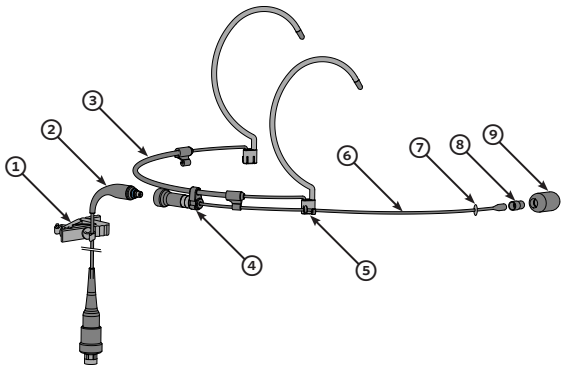
Push the cable into the gripper on the collar clip then loop it back into your shirt or down your back to the transmitter. Remember to leave enough slack in the cable so that you can turn your head to both sides without pulling on the mic.



Accessories and Replacement Parts

Accessory Name

- ① H6 Collar Clip
- ② H6 Snap-On Cable
- ③ H6 Headframe
- ④ H6 Back Mic Clip
- ⑤ H6 Front Mic Clip
- ⑥ H6 Mic Boom
- ⑦ H6 Sweat Ring
- ⑧ H6 Protective Cap
- ⑨ H6 Windscreen



Key Specifications—H6 Omnidirectional

Frequency Response: 20Hz to 20kHz

Cable Break Strength: > 44 pounds

Weight : 0.23 oz (6.5 grams)

Supplied Accessories:

Carrying case, windscreen, protective caps, detachable cable, and collar clips.

Additional information can be found at:
<http://www.countryman.com>

The H6 Omni Headset is available in three sensitivities to match a wide range of applications:

H6OW5 standard (no band) for general speaking

Sensitivity: 7.0 mV/Pascal

Equivalent Acoustic Noise: 24 dBA SPL

Overload Sound Level: 120 dB SPL

H6OW6 mid (blue band, -10 dB re W5) for vocals

Sensitivity: 2.0 mV/Pascal

Equivalent Acoustic Noise: 29 dBA SPL

Overload Sound Level: 130 dB SPL

H6OW7 low (purple band, -20 dB re W5) for powerful vocals

Sensitivity: 0.7 mV/Pascal

Equivalent Acoustic Noise: 39 dBA SPL

Overload Sound Level: 140 dB SPL

Key Specifications—H6 Directional

Frequency Response: 30Hz to 15kHz

Cable Break Strength: > 44 pounds

Weight : 0.23 oz (6.5 grams)

Supplied Accessories:

Carrying case, windscreen, protective caps, detachable cable, and collar clips.

Additional information can be found at:
<http://www.countryman.com>

The H6 Directional Headset is available in three sensitivities to match a wide range of applications:

H6DW5 standard (no band) for general speaking

Sensitivity: 6.0 mV/Pascal

Equivalent Acoustic Noise: 24 dBA SPL

Overload Sound Level: 120 dB SPL

H6DW6 mid (blue band, -10 dB re W5) for vocals

Sensitivity: 1.9 mV/Pascal

Equivalent Acoustic Noise: 29 dBA SPL

Overload Sound Level: 130 dB SPL

H6DW7 low (purple band, -20 dB re W5) for powerful vocals

Sensitivity: 0.6 mV/Pascal

Equivalent Acoustic Noise: 39 dBA SPL

Overload Sound Level: 140 dB SPL

Declarations

We, Countryman Associates Inc., declare under our sole responsibility that the following product:

H6 Headset

To which this declaration relates is in compliance with the essential requirements of:

2004/108/EC	EMC
EN 55103-1	
EN 55103-2	
2002/96/EC	WEEE
2003/108/EC	
2002/95/EC	RoHS

When used as specified.



Notes

Notes



Countryman Associates, Inc. 195 Constitution Drive, Menlo Park, CA 94025

Phone: (800) 669-1422 or (650) 364-9988 Fax: (650) 364-2794

Email: sales@countryman.com Web: www.countryman.com