



ISOMAX HEADSET

DIRECTIONAL MICROPHONE

Supplied with **wind screen**.

One of the best-sounding headset mics of all time, our Isomax Headset Mic remains the favorite of countless high-profile performing artists.

It's sleek, comfortable and stays snugly in place, even during dance-oriented performances. It zeroes in on its source, capturing warmth in a wide frequency range. It rejects unwanted sounds and monitor feedback even better than most handhelds. And it tolerates sweat, weather, and makeup better than any other headset. Best of all, it's affordable and durable, providing a long life of excellent sound.

Applications

- Extremely popular among high-profile rock performers on stage and in the studio
- Excellent choice for trade show presenters, auctioneers, lecturers, clergy, etc.

Style & Comfort

- Flexible, telescoping band fits snugly and comfortably around the back of the head
- Easily concealed under the hair
- Telescoping boom can be bent to provide a custom fit.

Performance

- Very high-quality audio
- High rejection of feedback and unwanted sounds
- Wide 20 Hz to 20 kHz frequency response shaped like the world's most popular vocal microphone.
- Truly dynamic warmth with condenser clarity.
- Reduces feedback - nearly perfect cardioid and hypercardioid patterns handle hot monitors better than most handhelds.

Frequency Response :

20 Hz to 20 kHz

Power Requirements :

15 V at the microphone under load. 4 mA total current drain. Models are available for Phantom power and most wireless transmitters.

Sensitivity:

-57 dB re. 1 V/Pa

Overload Sound Level:

150 dB SPL @ 1% THD (48 V Phantom powered model)

Output Impedance:

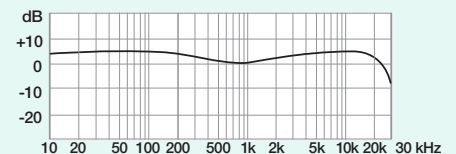
600 Ohms balanced (Phantom powered model)

Colors:

Black or Light Beige

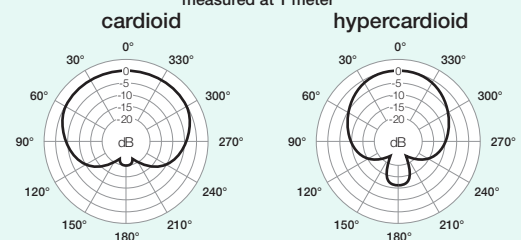
Frequency Response

measured at 6 inches



1 kHz Polar Response

measured at 1 meter



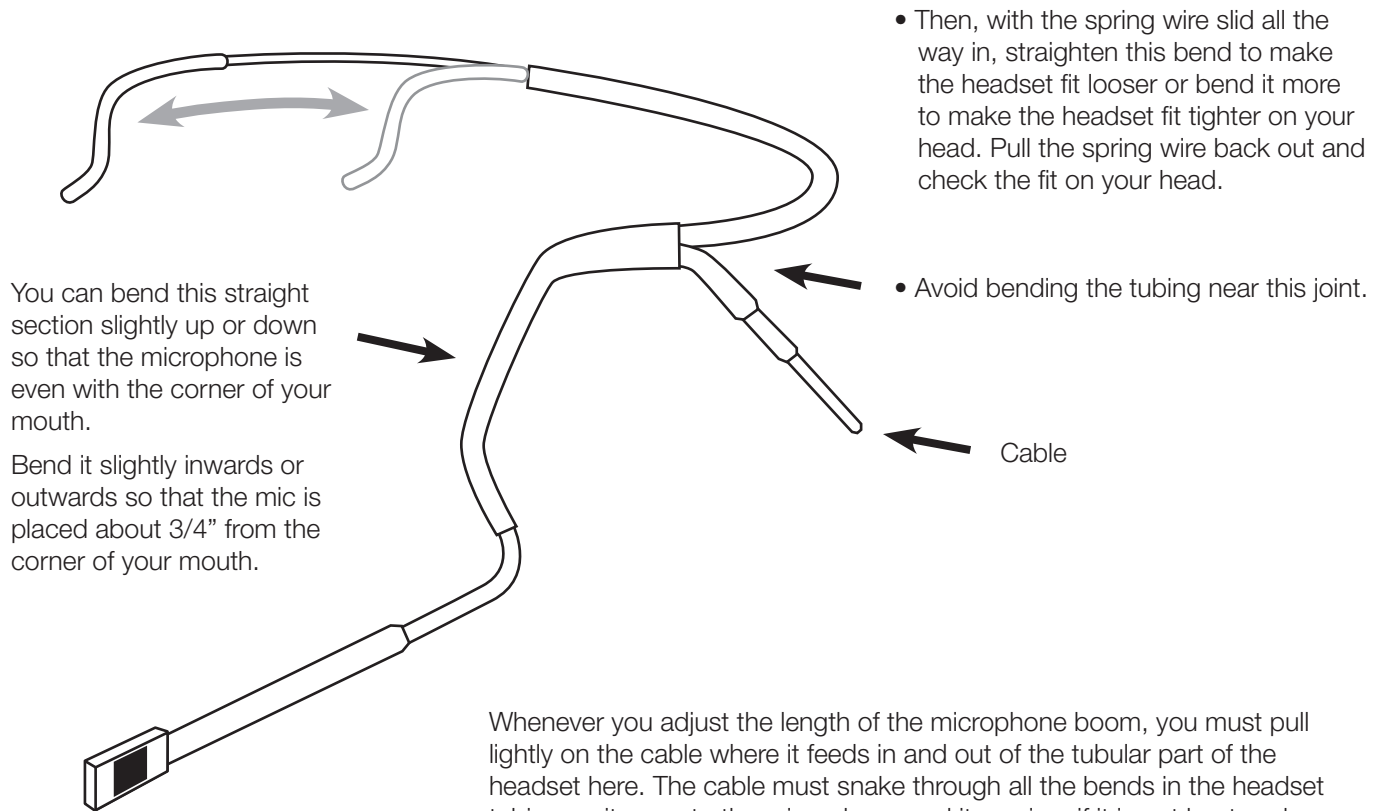
Adjusting ISOMAX Headsets

It's easy to adjust your ISOMAX Headset for a perfect fit.

Make only small changes to start. Bending the headset just enough to feel that you have made a slight bend will make a substantial change in the position of the microphone. The ISOMAX Headset microphone is worn across the back of your head, not across the top, so it does not interfere with your hair. The headband should be just long enough to fit snugly against the back of your head and hook over each ear.

You can adjust the headset to be tighter or looser on your head. It is best to adjust for a slightly loose fit. The extremely light weight of the ISOMAX Headset microphone means it doesn't need to feel tight to stay in place. It will be more comfortable after hours of use if it is not too tight.

- First, push the spring wire part of the headband in as far as it will go.



- Then, with the spring wire slid all the way in, straighten this bend to make the headset fit looser or bend it more to make the headset fit tighter on your head. Pull the spring wire back out and check the fit on your head.

You can bend this straight section slightly up or down so that the microphone is even with the corner of your mouth.

Bend it slightly inwards or outwards so that the mic is placed about 3/4" from the corner of your mouth.

- Avoid bending the tubing near this joint.

Cable

Whenever you adjust the length of the microphone boom, you must pull lightly on the cable where it feeds in and out of the tubular part of the headset here. The cable must snake through all the bends in the headset tubing on its way to the microphone and it can jam if it is not kept under tension.

The microphone boom should be adjusted so that the microphone itself is next to the left corner of your mouth and about 3/4 inch away. This is the optimum place for the best sound without picking up P" pops and bowing noises. To adjust the boom, push or pull on the movable part here. Push or pull the boom, not the microphone. If you pull the boom off the headband or the microphone out of the boom, you can slide them back together making sure that the front of the microphone (the side with the lighter color screen) is toward your mouth.