



## FW430/C & FW430/HC

MICROPHONE SYSTEM FOR CHOIR

### FOR CHOIR PERFORMANCES

The FW430 combines an Earthworks microphone with a low profile microphone stand and boom as a single unit. The FW430 allows the microphone head to be positioned as high as 4.7 feet and as low as 10 inches from the floor or anywhere in between. The FlexWand™ has a large flex section near the center of the stand that couples the stand and the wand. There is also a mini-gooseneck between the end of the wand and the microphone head. The lower section of the stand is 3/4" in diameter and the 8.5 inch wand is 5/16" in diameter with a 4.5" mini-gooseneck connected at the end which connects to the microphone head. The combination of a mid-flex section and the mini-flex on the wand provide an infinite combination of placement options between 10 inches and 4.7 feet.

WARRANTY Earthworks products carry a limited warranty. Visit [earthworksaudio.com/warranty](http://earthworksaudio.com/warranty) for more information.

EARTHWORKS AUDIO

## FEATURES

- 20Hz to 30kHz Frequency Response
- Near Perfect Polar Pattern Provides Uniform Frequency Response at 0°, 45° & 90°
- Highly Versatile & Easy to Position from 10 inches to 4.7 feet high
- Low Profile with No Visible Wires Above Floor Level
- More Gain Before Feedback
- Position Microphone Without Moving Stand
- Low Handling Noise
- Available in Cardioid & Hypercardioid

## TROUBLESHOOTING

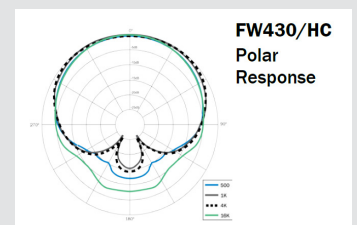
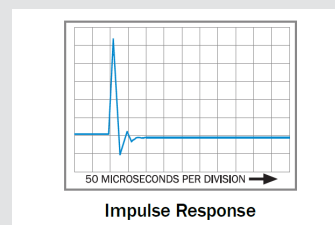
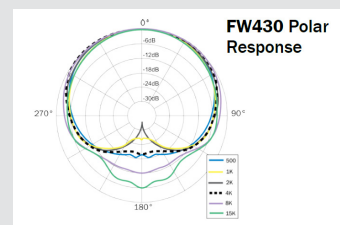
If you encounter issues while using your Earthworks Audio microphone, please make sure that:

- Your microphone is connected to an active power supply.
- Phantom power is being supplied to the microphone.
- Your microphone and XLR cable are well connected.
- The microphone is positioned at an appropriate distance from the sound source.
- External noise in your recording environment is kept to a minimum.
- Your recording space is at room temperature and free of dust.

If your issue persists after checking, please contact us via our website.

## SPECIFICATIONS

<b>Frequency Response</b>	20Hz to 30kHz (Cardioid)
<b>Polar Pattern</b>	Cardioid or Hypercardioid
<b>Sensitivity</b>	FW430/C: 10mV/Pa (-40dBV/Pa) FW430/HC: 20mV/Pa (-34dBV/Pa)
<b>Power Requirements</b>	24-48V Phantom, 10mA
<b>Max Acoustic Input</b>	145dB SPL (Cardioid); 139dB SPL (Hypercardioid)
<b>Output</b>	XLR-3 (pin 2+)
<b>Min Output Load</b>	600Ω between pins 2 & 3
<b>Noise</b>	20dB SPL equivalent (A weighted) [Cardioid] 16dB SPL equivalent (A weighted) [Hypercardioid]
<b>Positioning Range</b>	From 1.5 ft. to 7 ft. above floor level
<b>Dimensions L x D</b>	Stand 4.7 in. long (1.4m), Metal Base 12" (30.5cm), dia 1.1 in. (2.7cm) high. Tripod Base footprint 23 in. (.58m) 6 in. (.15m) high
<b>Unit Weights</b>	Stand 1.2 lbs. (0.54 kg), Metal Base 12.6 lbs. (5.7kg), Tripod Base 1.6 lbs. (0.73kg)



## WE'RE HERE TO HELP

For anything else, we're a phone call or email away. Please feel free to contact us by email at [sales@earthworksaudio.com](mailto:sales@earthworksaudio.com), or by phone at (603)-654-2433.