



## **FW430**

MICROPHONE SYSTEM WITH BOOM AND STAND

For more information, please visit  
[www.earthworksaudio.com](http://www.earthworksaudio.com) or call 1-603-654-2433.

**EARTHWORKS AUDIO**

# Thank you for purchasing the Earthworks FW430 Microphone System!

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## YOUR PURCHASE INCLUDES

**1 FlexWand™ Stand/Wand Section**

**1 Microphone Windscreen**

**1 Base for Stand/Wand Section (either cast iron metal or tripod base depending on model)**

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## GETTING STARTED

Before setting up the microphone, pull back all existing settings and EQ. By doing this, you will have a baseline understanding of how our microphones sound, and will then be able to adjust accordingly.

Begin by removing all included components from the packaging. Make sure to mute any incoming signal to speakers or headphones to avoid any loud “pops” when connecting.

When screwing the FW430 in the cast iron base, first place the cast iron base on the floor. Then, by holding the stand section, carefully rotate the FlexWand into the threaded hole in the cast iron base (at least 2 full turns). Next, wrap your hand around the XLR connector section, pick up the combined FlexWand and base, then spin the base until it is snug. Do not over tighten. Be careful that the microphone head does not bang into something during this process.

(If you have the FW430TPB, which has a standard tripod base, the setup process will be slightly different. To assemble the FW430TPB, first screw the metal sleeve onto the threads on the bottom of the FlexWand until the metal sleeve is screwed on tight. Then pick up the FlexWand by holding the stand section or the XLR section and insert the metal sleeve into the hole on the tripod base. Push the sleeve all the way down and then tighten the setscrew.)

Connect the microphone to an audio interface supplying 24-48V phantom power using a standard XLR cable. Please allow one minute for the microphone to settle. (Plugging in the microphone while phantom power is turned on will not damage the microphone, and will actually settle the microphone faster.)

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## PROPER MAINTENANCE

To guarantee your microphone provides years of performance, follow these guidelines:

- Avoid touching the front protective screen.
- Never attempt to disassemble the microphone.
- Avoid extreme heat and condensing humidity. Allow the microphone to warm up when bringing it in from the cold.
- Rough handling may damage the microphone even if no markings are visible.

## IMPORTANT NOTICES

The small tip on many of our microphones allows them to capture the highest frequencies of your sound. Please be gentle and considerate when handling the microphones with these tips. (Microphones such as the SR314 and SR40V shield the tip within their capsule, and are thus more durable.)

Please do not excessively bend the Flexwand beyond 90 degrees. Doing so on a consistent basis will cause the wand portion to deteriorate and lose its ability to stay in the desired position.

## TROUBLESHOOTING

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

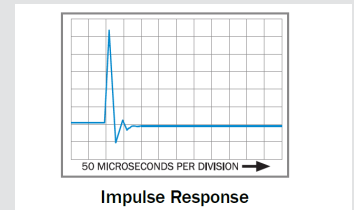
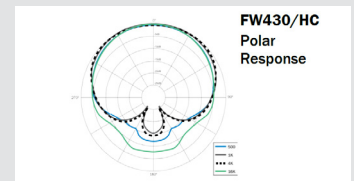
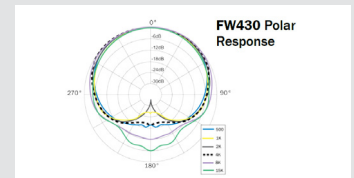
- Your microphone is connected to an active power supply.
- Phantom power is being supplied to the microphone.
- Your microphone and XLR cable are well connected.
- The microphone is positioned at an appropriate distance from the sound source.
- External noise in your recording environment is kept to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



FW430	
<b>Frequency Response</b>	30Hz - 30kHz
<b>Polar Pattern</b>	Cardioid or Hypercardioid
<b>Sensitivity</b>	10mV/Pa (-40dBV/Pa)
<b>Power Requirements</b>	24-48V Phantom, 10mA
<b>Peak Acoustic Input</b>	145dB SPL (Cardioid); 139dB SPL (Hypercardioid)
<b>Output</b>	XLR-3
<b>Minimum Output Load</b>	600Ω, balanced between pins 2 & 3
<b>Noise</b>	22dB SPL
<b>Dimensions L x D</b>	Stand 52" long (1.32m) Cast Iron Base 12" (30.48cm) in diameter, 1.1" (2.7cm) high Tripod Base 23" (58cm) footprint, 6" (15.2cm) high
<b>Weight</b>	Stand 2 lbs. (.9 kg), Cast Iron Base 12.6 lbs. (5.7kg), Tripod Base 1.6 lbs. (0.73kg)



## WARRANTY

All Earthworks® products carry a limited warranty (parts and labor). Please register your warranty at: [earthworksaudio.com/register](http://earthworksaudio.com/register). If you have any problems with your Earthworks products, please contact our warranty/repair department by email at: [service@earthworksaudio.com](mailto:service@earthworksaudio.com).

NOTE: This warranty only applies to Earthworks microphones purchased brand new. For microphones purchased/received second-hand, please contact us via our website.

## 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 [info@earthworksaudio.com](mailto:info@earthworksaudio.com), or by phone at (603)-654-2433.