

FW730

MICROPHONE SYSTEM

WITH BOOM AND STAND

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For more information, please visit
earthworksaudio.com or call 1-603-654-2433.

EARTHWORKS AUDIO



Thank you for purchasing the Earthworks FW730 Microphone System

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)

GETTING STARTED

The FW730 is a condenser microphone with active electronics. This means:

- Its output level will be naturally higher than many of the dynamic microphones that it may be replacing. It is not uncommon to need to reduce gain if you were previously using a dynamic microphone.
- You will need to engage phantom power on your interface or preamp. Pro Tip: It's always a good idea to plug in a condenser microphone while phantom power is off and the channel is muted. After engaging phantom power, give the microphone a short time to settle before unmuting.

When screwing the FW730 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 FW730TPB, which has a standard tripod base, the setup process will be slightly different.)



To assemble the FW730TPB, 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.)

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

Frequency Response

20Hz - 30kHz

Polar Pattern

Cardioid or Hypercardioid

Sensitivity

10mV/Pa (-40dBV/Pa)
(Cardioid); 20mV/Pa (-34dBV/
Pa) (Hypercardioid)

Power Requirements

24-48V Phantom, 10mA

Peak Acoustic Input

145dB SPL (Cardioid); 139dB
SPL (Hypercardioid)

Output

XLR-3

Minimum Output Load

600Ω, balanced between
pins 2 & 3

Noise

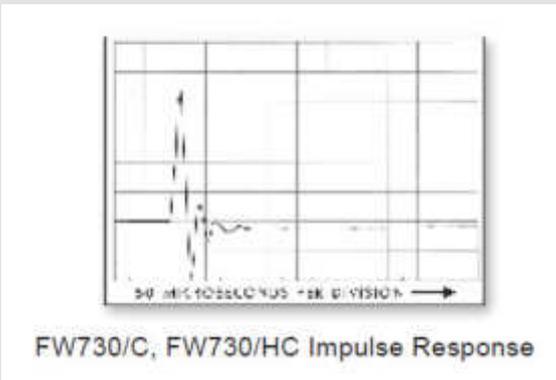
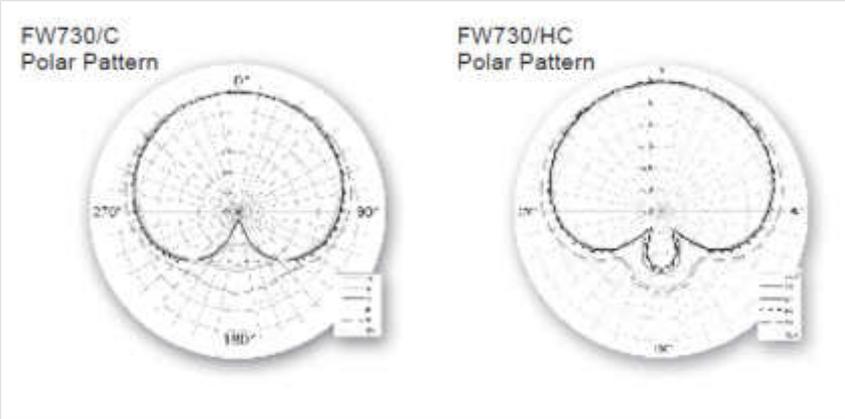
20dB SPL (Cardioid); 16dB SPL
(Hypercardioid)

Dimensions L x D

Stand 7 ft. 2 in." long (1.32m),
Cast Iron Base 12" (30.48cm) in
diameter, 1.1" (2.7cm) high;
Tripod Base 23" (0.58m)
footprint, 6" (15.2cm) high

Weight

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. If you have any problems with your Earthworks products, please contact our warranty/repair department by email at: 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.