FetHead Filter
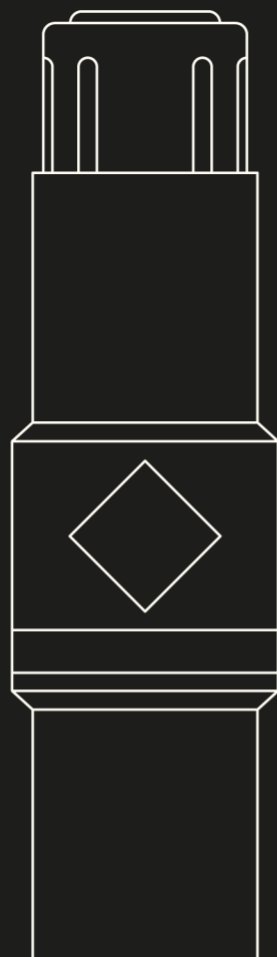
Philosophy
FetHead Filter is a high quality, phantom powered in-line preamp. It has the addition of a built-in high pass filter at 220 Hz cutoff (other frequencies are available on request), this reduces the excessive low frequency/proximity effects that some microphones exhibit, such as long motor ribbon mics. The filter elements are not directly in the signal path but are applied to the components which set the gain of the *FetHead Filter's* amplifier. This ensures frequency dependence and that the sonic characteristics of the *FetHead Filter* are preserved.

Operation
Your *Fethead Filter* will latch straight onto any XLR equipped microphone, or anywhere else in the signal path between microphone and preamp/mixer.
Fethead Filter uses phantom power to power its circuitry, but doesn't pass phantom power to the microphone, so rest assured your ribbon mics are safe.

Recommended application
Our *FetHead Filter* is recommended for improving the signal to noise ratio and performance in the following situations:
• Recording direct into a DAW interface
• Noisy or low gain preamps
• Mixers/preamps that negatively impact the sound at higher gain setting
• Long motor ribbon microphones
• Microphones which exhibit an excessive proximity effect

Circuit topology
Our FetHead Filter utilizes a low noise FET amplifier circuit, which reveals every detail with pinpoint accuracy and offers high-end sound quality.

Features
• Low noise Class A FET amplifier
• 29dB amplification (@3000 Ω load)
• Balanced XLR input/output
• 6dB/octave high pass filter
• Corner frequency at 220 Hz (custom frequencies on request)
• Z-in 22 kΩ
• Circuit is powered with 48V phantom power

Dimensions
height: 3" / 76mm
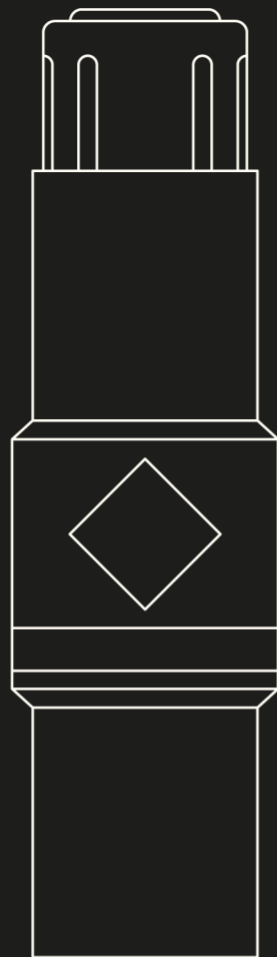width: Ø 0,86" / 22mm
weight: 55 g

Registration
Thank you for purchasing a Triton Audio *Fethead Filter*.
To register your product please go to: tritonaudio.com/support/product-registration/

General Product Safety Regulation

Phantom power
The circuit of our *FetHead Filter* is powered with P48 phantom power to operate.

The International Electrotechnical Commission Standards Committee's "Multimedia systems – Guide to the recommended characteristics of analogue interfaces to achieve interoperability" (IEC 61938:2018) specifies parameters for microphone phantom power delivery.

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