

# FetHead Filter

High-end in-line  
microphone preamp

## USER GUIDE



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# FetHead Filter

## GENERAL DESCRIPTION

**Philosophy** The TritonAudio FetHead Filter is a high quality, phantom powered in-line preamp. It has the addition of a built-in high pass filter at 220Hz 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 dependance and that the sonic characteristics of the FetHead Filter are preserved.

**Operation** Your Fethead Filter will inconspicuously latch straight onto any XLR equipped Ribbon or Dynamic microphone and runs on phantom power. It's ready for use with any type of recording setup.

**Recommended application** 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
- Miking all types of softer sound sources

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

### Features

- Low noise Class A JFet amplifier
- 29 dB amplification (@3000 Ohm load)
- Balanced xlr in/output
- 6 dB/octave high pass filter
- Corner frequency at 220hZ (custom frequencies on request)
- Z-in 22 KOhm
- 48V phantom power

### Dimensions

height: 3'/76mm  
width: 0,86'/22mm