

The GigRig 4000mA Noise Cancelling Filter For Switch Mode Power Supplies

If you use a switch mode supply to power your pedals and want to hear the true clear well defined tones, you need a noise cancelling device such as The GigRig NCF.

This filter cancels the high frequency noise by generating a negative opposing current. It simply fits in line with the output of your Switch Mode supply and can be used with any Switch Mode out-put voltage. The NCF is best used with *The GigRig Distributor* to provide all your equipment with clean noise filtered DC power.

Applications:

- Audio equipment supplies (studio or stage sound systems)
- Guitar effects pedals
- Guitar Pedal boards
- Radio equipment power supply cleaning.
- Radio equipment FCC and CE approvals improvements
- RFID systems.
- Any electronic equipment that requires a clean supply across a wide frequency range.

Instructions:

Connect the Switch Mode - Noise Cancellation Filter in series with the output of your switch mode supply and then into your equipment. Keep your switch mode at least 10cm from other electronics to reduce magnetic coupling. Your power supply voltage will then be comparable with heavy and expensive toroidal transformers.

Noise Cancellation Filter Specification:

Method of operation: Inductive toroidal current cancelation.

- Maximum Continuous current: 4 Amps
- Maximum Voltage: 20V
- Input socket: 2.1mm Jack (Boss standard)
- Output plug: 2.1mm right angle plug on 150mm lead.
- Frequency band: 100kHz to above 8MHz
- Resistance, input to output : 0.13 Ohms (Ground and Supply)

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