



# F3 micro

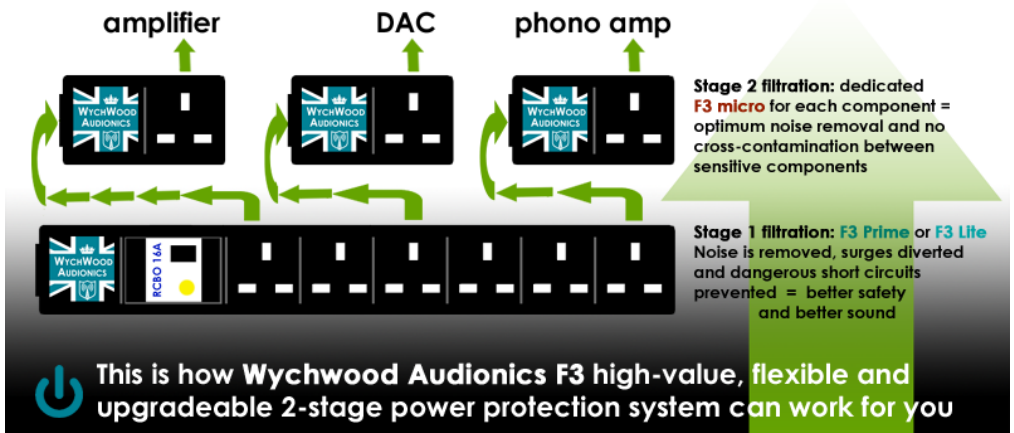
## STAND-ALONE MAINS ISOLATION FILTER

### USER MANUAL

**Thank-you for purchasing this Wychwood Audionics F3 Filter**

 ***please read this manual carefully before use***

**F3micro** is your vital second line in defence against mains noise when used to isolate individual devices as part of a modular F3 system, or it can serve as a simple, affordable first line of defence when used alone. Its hard-wired design, filtered power, high current, and grounded alloy enclosure ensures your system always sounds at its best.



It is a simple device to use – you just require a 13 amp fused IEC-terminated power lead (“kettle lead”) to provide power; we recommend **Supra’s LoRad** range which we can supply.

Any audio device can be plugged-in to the F3<sup>micro</sup> using a power lead equipped with a UK mains plug. The lead must have a properly rated fuse for the appliance connected; your equipment manufacturer can advise on the appropriate rating. Connected devices should only be switched-on once the F3<sup>micro</sup> is live.

The maximum load connected to the F3<sup>micro</sup> should not exceed 3500 Watts / 16 Amps. For reference a typical hifi system will draw between 200-1000 Watts / 1-4 Amps



**EMI/RFI Filter:** This is a 16 Amp rated passive device with full 3-way protection against conducted and radiated mains noise.

It requires no maintenance and will last a lifetime.

**Socket:** this is an unswitched, earthed, 13 Amp UK 3-pin type with a strong polycarbonate structure. As with all plastics it can become brittle in sub-zero temperatures, so please use carefully in such conditions.



**Power Inlet:** Standard C14 IEC type.

Please use carefully in sub-0°C conditions.

**Enclosure:** This is a star-earthed anodised aluminium alloy extrusion.

**NB:** Anodised metalwork can be scratched by sharp items, so please handle carefully.

**Feet:**

Non-marking vibration-controlling polymer feet are fitted as standard for stability, to protect surfaces the unit stands upon, and to ensure vibration is not transferred to connected equipment.



**GENERAL PRECAUTIONS:**

- Live electricity may be present inside – do not open.
- No user-serviceable parts inside – opening or modifying the unit invalidates all warranties & certifications.
- Do not use in wet conditions – for indoor, domestic A/V use only.
- Do not use wet cleaning agents or solvents - a dry cloth suffices.
- Do not overload the device.
- Do not disconnect any earth lines.
- Use only properly CE-certified power cables and appropriate fuses.
- Do not drop or shake the unit.
- Do not cover the unit or stand any heavy items upon it.
- Ensure the RCBO is not covered or restricted.
- Do not use with voltages above 275 VAC / 50-60Hz

**Use other than as specified invalidates all warranties & certifications**

**Certification, Compliances & environmental:**

- CE certified
- British Made to BS-EN9001
- RoHS & WEEE compliant
- Negligible energy use
- Compliant with: EMC 2004/108/EC, RoHS 2011/65/EU, WEEE, LVD 2006/95/EC, IEC/BS/EN 60529, BS/EN 1363-1 & 2, IEC/BS/EN 60950-1, IEC/BS/EN 60320-2-2, IEC/BS/EN 60309-, BS/EN 755-9:2008, BS/EN 10130:2006, EN 133220, IEC/BS/EN 60939, IEC/BS/EN 61009, BS 6004, IEC/BS/EN 62305, UL94 V-2, 2001/95/EC where applicable.

**NB: Portable Appliance Testing / P.A.T.** The EMI/RFI filter contains components that will give a false insulation reading if tested with standard P.A.T. equipment or resistance testers.

To check insulation integrity a test voltage of 250VDC should be used  
Insulation between Neutral - Earth & Live - Earth should be  $>200\text{M}\Omega$   
and between Live - Neutral should be  $>1.0\text{M}\Omega$

## Dimensions:

<b>M</b>	0.310Kg
<b>L</b>	140mm
<b>W</b>	70mm
<b>H</b>	56mm inc. feet

► **Please retain packaging in case unit requires return for servicing**

## Questions?

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