



# F3 Prime

6 and 8 way MAINS  
DISTRIBUTION UNITS

**USER MANUAL**

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

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

The **F3 Prime** features surge protection, electromagnetic filtration and an RCBO circuit breaker to protect you and your equipment. Its hard-wired design, star-earthing, filtered power, high current ability and grounded alloy enclosure also ensures your system always sounds its best!



It is a simple device to use – you will require a 13 amp fused IEC-terminated power lead (“kettle lead”) to provide power. We recommend and can supply **Supra** screened mains leads.

Any electronic device can be plugged-in to the F3 using power leads equipped with an appropriate mains plug. Each lead must have a properly rated fuse for the appliance connected - your equipment manufacturer can advise on the appropriate rating. Each connected device should be switched-on individually once the F3 is live.

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

**Surge:** The F3's surge protector is live as soon as it is plugged in and switched on at the wall. It is working as long as the indicator light is lit. If the light is extinguished, it has reached the end of its life and you should contact us to arrange replacement.

Your F3 will continue to work in the meantime, but surge protection will be disabled.



**RCBO:** The power outlets are live when the switch is in the 'on' position. If the RCBO switches off and will not re-set there is a problem with the connected equipment and you should not use that equipment until it has been checked by a qualified electrician. The RCBO is tested by pressing the yellow button when the unit is live. If it does not switch off, unplug the unit and contact us.



**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.

**Earth binding post:** The green multi-way earth binding post has a low impedance connection directly to mains Earth. It can be used to earth equipment casework, turntables etc. but should never be used as the sole mains earth or with double-insulated equipment. It accepts bare wire, >6mm spades or 4mm banana plugs.



**Sockets:** these are unswitched, earthed 3-pin types with a strong polycarbonate structure. As with all plastics these can become brittle in sub-zero temperatures, so please use carefully in such conditions.



**Power Inlet:** Standard C14 10 Amp IEC type. Comments as above.

**Enclosure:** This is a star-earthed anodised aluminium alloy extrusion. Anodised metalwork can be scratched by sharp items, so please handle carefully.

**AcoustiFeet™** are fitted as standard to protect surfaces the unit stands on and ensure vibration is not transferred to connected equipment.

[NB: silicone rubber can have small amounts of release agents present which can sometimes mark absorbent surfaces.]

### **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 compliant
- 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

**Portable Appliance Testing / P.A.T.** The Surge module & 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 and Live - Earth should be  $>200\text{M}\Omega$ , and between Live - Neutral should be  $>1.0\text{M}\Omega$

## Dimensions:

**M** 1.275Kg

**L** 635mm inc. Earthing post

**W** 70mm

**H** 90mm inc. RCBO, AcoustiFeet

## Any questions?

email : [wychwood@evoaudio.uk](mailto:wychwood@evoaudio.uk)

office hours text/call : **07 873 180 262**

