



POWER HUB 6 Technical Description

The Power Hub 6 has no active circuitry, it functions entirely with passive filtering, balancing techniques and screening.

There is an array of input filtering applied to the mains which reduces the noise and any DC components before power is distributed to the output stages. This creates a clean power buss within the Power Hub 6.

Every output is fed power from this clean power buss and referenced to the star earth point within the Power Hub 6.

Each output has its own set of independent filtering stages to reduce any possible appliance generated noise or disturbances being fed back into the clean power buss within the Power Hub 6 or the other outputs.

This individual output filtering can only provide optimum isolation between outputs if connected to a single device. Connecting two or more devices to a single output may degrade the performance of the whole Power Hub 6 and any other devices connected to the other outputs.

A 4mm contact protected socket marked “screen” is an optional connection to the internal filtered star earth point for devices where signal screening is not connected to the supply earth.

This may be beneficial with unpowered devices such as phono pickups, passive or battery powered microphones, pads, laptops where there is no connection to any supply earth point. This screen connection **must never be used** as the safety earth point, either alone or to the supply earth.

Continuous repetitive, non-sacrificial surge protection covers the whole of the Power Hub 6.

A 19” x 1U panel is supplied which we would recommend is fitted underneath the Power Hub 6 in rack installations. This provides cable space and better separation from interference with units underneath.

POWER HUB 6 Power Details

The Power Hub 6 is available in the following versions:

UK, 240v, 13A

USA 110/220v, Nema 3pin

European 230v Schuko 3 contact

Japan 90v/100v, Nema 3 pin

All versions come supplied with an AC power cable and plug appropriate for the country. This cable is an integral part of the supply filtering process.

The Power Hub 6 **must be earthed** through a 3 pin connector to provide a compliant Safety earth connection. Two pin supply connectors must not be used.