



- Twin Redundant power inputs
- 4 filtered power outputs
- Fused input, reverse polarity protection
- 4 buffered A/V outputs
- Standard 3.5mm 4-Pole jacks, used on all FatShark/ImmersionRC equipment
- Interconnect cables supplied
- Low-battery detect, on each redundant power input
- Audible Alarm for low battery
- Adjustable video gain, correct for out-of-spec receivers
- Dimensions: 85 x 74 x 23mm
- Weight: 120 g
- Power Requirements: 6-16v
- Total output power : 40W max. (summed for all outputs)

PowerBox^{AV}

Redundant, Buffered, Alarmed...

Ground-station Companion

Today's ground-station is typically an array of devices, LCD monitors, LCD goggles, video recording devices, antenna trackers. These devices all have to be powered, and interconnected with audio/video connections.

The PowerBox^{AV} simplifies the cable mess, and provides clean, redundant, distributed power.

Its video buffer ensures that each of the connected devices receives a clean PAL/NTSC signal, with correct video level specifications. For video sources which are slightly out of spec, an internal trimmer allows the level to be corrected.

Filtering

Each of the DC power jacks contains a heavy-duty LC filter, to ensure that each A/V device receives clean, glitch-free power.

A resettable fuse, and reverse-polarity protection protects against the occasional wiring mishap.

No more video noise when the antenna tracker servos tilt your 24dBi grid antenna!

Low Voltage Alarm

An internal low voltage alarm automatically senses the potential of the connected power source(s) and sets an appropriate alarm threshold (programmable), giving you plenty of time to land before the dreaded black screen kicks in.

Interconnects

All FatShark and ImmersionRC ground-based equipment uses standard 3.5mm 4-pole jacks for video/stereo-audio connections.

The PowerBox is supplied with a selection of long, and short 3.5mm->3.5mm cables, to clean up ground-station wiring mess.

No more cumbersome RCA/Phono connectors!

Availability

Available now from stores which carry ImmersionRC equipment.