

CASES

RS INTEGRATOR CASES AND POWER SUPPLIES

The RS10 and RS15 are custom racking systems, superior to the off-the-shelf Euro-racks used by other manufacturers. The RS8000, RS8500, Sorcerer, Apprentice and Demon are hand-built walnut cases designed to the highest joinery standards.

The module slots in all the cases are 3U high and (depending upon model) offer housing for up to 168 Horizontal Pitch widths (HP) of modules. One HP is equal to 1/5" (0.2").

POWER SUPPLIES

Prior to serial number 2033, the PSUs in the cases are capable of supplying 500mA consistently. If necessary, they will provide higher currents, although they will then require extra heat-sinks. This modification is not recommended.

Cases from serial number 2033 onward have uprated transformers and heatsinks fitted as standard, and will deliver 800mA consistently.

Under normal conditions, all RS Integrator PSUs have sufficient headroom to power the modules you will require. Nonetheless, you should be careful not to stress the supply by demanding excess current... for example, by installing multiple RS360s in a single case. The maximum current drawn by each module in the RS Integrator range is shown in Appendix 9.

Should you wish to discuss these matters further, please contact Analogue Systems for advice.

ELECTRICAL INFORMATION

The power supplies provide three voltage rails. Rails 1 and 3 are used for all powered modules. Rail 2 is required only by those modules that incorporate digital circuitry.

Rail 1:	+12V
Rail 2:	+5V
Rail 3:	-12V

BLANKING PANELS

To stop the ingress of dust, and guard against electric shock, unused widths should be covered using RS Integrator blanking panels.