



OPERATING INSTRUCTIONS RITEC PEPHERIAL POWER SUPPLY MODEL RPS-2

The RPS-2 power supply has been designed to power up to a maximum of two (2) RITEC accessories, such as the RCDX-2A clamped diplexer or any of the RITEC preamplifiers. The DC output voltages present on the 7 pin output connectors are -8V, +8V, -18 V, +18 V and ground. The power supplies are protected against short circuits by current limits and thermal shutdown; the current drawn from the supply at -18V or +18V should not exceed 800 mA. Because the RCDX-2 clamped diplexer requires +200 V to operate in addition to the voltages listed above, the RPS-2 power supply cannot be used to provide power to a RCDX-2 clamped diplexer.

The fuse is located in the AC power entry module, which is mounted on the rear of the unit. The recommended fuse is 0.75 A at 200 -220 VAC and 1.5 A at 100-120 VAC. Access to the fuse is provided by removing the plastic cover plate by gently prying out one edge with a small screwdriver. The power switch is also located on the rear in the power entry module. A small "power on" indicator light is located on the left side of the front panel.

The correct power line voltage should be applied to the AC power entry module. The available settings are 100 VAC, 120 VAC, 220 VAC, or 240 VAC, (50-60 Hz). Different line voltages can be accepted by properly setting a small circuit board mounted in the module. Access to this board is provided by removing the plastic cover plate by gently prying out one edge with a small screwdriver. A small projection on the card protrudes through one of four holes on the cover plate to indicate which line voltage the unit has been set. If the unit has been previously operated at a different line voltage, the board should be removed and carefully reset so that the projection appears through the correct hole to match the available line voltage.