



General Description

The RS 3 Remote Power Supply is a general purpose AC to DC adapter designed to power Rane's new line of digital audio equipment. The RS 3 can be used anywhere a high quality AC to DC power supply is required. The RS 3 has a universal AC input covering all line voltages and frequencies for the entire world. The DC outputs of the RS 3 are classified as safety extra-low voltage (SELV) for both the United States and Canada and therefore all units powered from the RS 3 are exempt from safety agency approval requirements for those countries. The DC outputs of the RS 3 are also below the 50 volt level established by article 1 of the Low Voltage Directive (LVD), thus all units powered from the RS 3 are exempt

from further safety approval testing for the European Community (EC). The RS 3 itself carries the Underwriters Laboratory (UL) mark, Canadian Standards Association (CSA) mark, and the European CE mark for both electromagnetic compatibility and product safety. The RS 3 also meets FCC requirements for unintentional RF radiation.

The desk top style of the RS 3 and integral 4 foot output cable, along with the included 8 foot long removable input line cord, allows the RS 3 to be installed in any location away from the powered unit and AC outlet strip, using the included mounting bracket and screws. It is recommended that the RS 3 be mounted away from all sensitive audio equipment like mic inputs and wireless mic receivers.



UL listed for the United States



CSA certified for Canada



CE mark for Europe



Features and Specifications

Parameter	Specifications	Limit	Units	Conditions/Comments
Input voltage	85 - 270		VAC	Absolute min/max
Input frequency	47 - 63		Hz	Absolute min/max
Output voltage	+5 (pin 3)	.1	VDC	
	+12 (pin 4)		VDC	
	-12 (pin 5)		VDC	
Output current	+5 (pin 3)	3	A	Rated load
	+5 (pin 3)	4	A	Peak load
	-12 (pin 4)	800	mA	Nominal
	+12 (pin 5)	800	mA	Nominal
Input cord	U.S. 3-wire, 3-prong to IEC 320			Supplied cord
Output cord	5-wire, 5 pin DIN			See diagram for more information
Output power	0 - 30		W	
Enclosure	Black high impact plastic			With integral feet
Weight	20 oz			(563 grams)
Agency Compliance	UL			UL1950 (file E132267)
	CSA			C22.2 No.223 (file LR57450-259)
	CE-safety certified			IEC950
	CE-EMC			EN55022 class B
	FCC-certified			Part 15 class B