

PJ-LIGHT SERIES

COMPACT AMPLIFIERS

MODEL **PJ1000LIGHT**



ORDERING INFORMATION	
Model	Description
PJ1000LIGHT	1000W High Redundancy Compact Amplifier.
OPTION	
/CNT7/8-150	7/8" Output RF Connector.



PJ1000LIGHT

1000W High Redundancy Compact Amplifier.

FEATURES

PRIMARY APPLICATION: uncompromised amplification power at a very attractive price. Ideal for medium power stations.

AMPLIFIER FEATURES: high-gain amplifier with very low input drive power requirement and adjustable power output from 10 to 100 %.

HARDWARE FEATURES: compact (525mm depth only) and indeformable thanks to the stainless steel chassis, in 3 rack units only.

USER-FRIENDLY FEATURES: four pushbuttons for user/device interaction and software that offers a simple, intuitive interface.

OPERATING EFFICIENCY: incorporate a PFC (Power Factor Corrector) power supply, that provides the utmost efficiency for enhanced energy saving and environmental protection, which added to LD-MOSFET technology ensure high efficiency, better than 70% across the bandwidth.

EASE OF MAINTENANCE: advanced module engineering ensures extreme ease of access and simple maintenance.

RELIABILITY/CONTINUITY: APC (Automatic Power Control) and Foldback protection ensure reliable operation under any operating conditions.

INTERFACE CONTROL: total control thanks to microprocessor easily programmed from menu with all key parameters displayed on LCD.

REMOTE CONTROL: electromechanically controllable and integrable into all digital RVR telemetry systems.

REGULATORY COMPLIANCE: state-of-the-art technology in full compliance with EC, FCC and CCIR standards.

PJ1000LIGHT

Parameters	U.M.	Value	Notes	
GENERALS				
Frequency range	MHz	87,5 ±108		
Rated output power	W	1000		
Spurious & harmonic suppression	dBc	<75 (80 typical)	Meets or exceeds all FCC and CCIR rules	
Working temperature	°C	-5 to +50		
Working humidity	%	95	Without condensing	
Working altitude	mt	Up to 3000 *	* With adequate air evacuation system in site	
POWER REQUIREMENTS				
AC Power input	AC Supply Voltage	VAC	230 ±15%	Monophase
	AC Apparent Power Consumption	VA	1650	
	Active Power Consumption	W	1630	
	Power Factor		0,998	
	Overall Efficiency	%	Typical 70	
Connector		Terminal Block		
MECHANICAL DIMENSIONS				
Physical dimensions	Front panel width	mm / inch	483 / 19	EIA rack
	Front panel height	mm / inch	132 / 5 1/4	3HE
	Overall depth	mm / inch	550 / 21,65	
	Chassis depth	mm / inch	500 / 19,69	
Weight	kg	About 25		
Cooling		Forced, with internal fan		
Acoustic noise	dBA	< 75	Leq 3 min @ 1 m	
AUDIO INPUTS				
RF Input	Connector		N type	
	Impedance	Ohm	50	
Driver power for rated output	W	11		
Max input power before protection	W	25		
OUTPUTS				
RF Output	Connector		7/16" EIA	
	Impedance	Ohm	50	
RF Monitor	Connector		BNC	
	Impedance	Ohm	50	
	Output Level	dB	Approx. -60	
FUSES				
On mains		2 External fuse F 25 T - 10x38 mm		
On services		1 External F3,15 A 2x20 mm		
On PA Supply		3 External F 16 A 10x38 mm		
On aux VDE socket		X		

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.



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