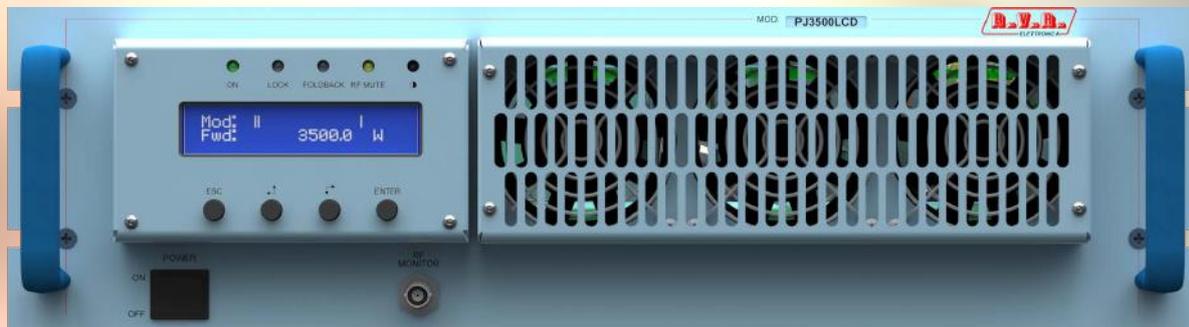


# PJ-LCD SERIES

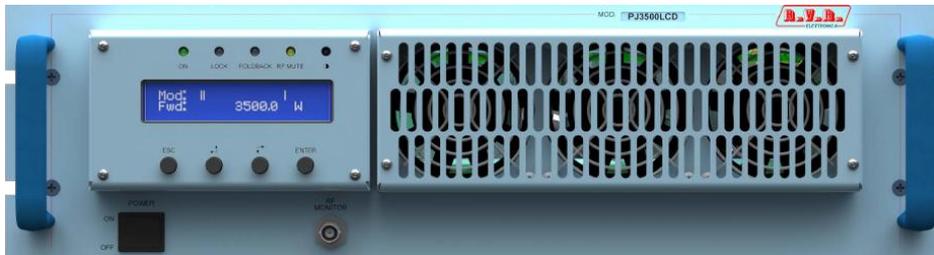
COMPACT AMPLIFIERS

MODEL **PJ3500LCD**



## ORDERING INFORMATION

Model	Description
<b>PJ3500LCD</b>	<b>3500W Compact Amplifier.</b>



PJ3500LCD

3500W 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.

## PJ3500LCD

Parameters	U.M.	Value	Notes
<b>GENERALS</b>			
Frequency range	MHz	87,5 ÷ 108	
Rated output power	W	3500	
Spurious & harmonic suppression	dBc	<82 (85 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 2000 *	* With adequate air evacuation system in site
<b>POWER REQUIREMENTS</b>			
AC Supply Voltage	VAC	230 +10% -15%   400 +10% -15%	Monophase   Threephases Y
AC Apparent Power Consumption	VA	4996	
Active Power Consumption	W	4987	
Power Factor		0,998	
Overall Efficiency	%	Typical 70	
Connector		Terminal Block	
<b>MECHANICAL DIMENSIONS</b>			
Front panel width	mm / inch	483 / 19	EIA rack
Front panel height	mm / inch	132 / 5 1/4	3HE
Overall depth	mm	670	
Chassis depth	mm	650	
Weight	kg	About 31	
Cooling		Forced, with internal fan	
Acoustic noise	dBA	< 75	Leq 3 min @ 1 m
<b>AUDIO INPUTS</b>			
RF Input	Connector		N type
	Impedance	Ohm	50
Driver power for rated output	W	30	
Max input power before protection	W	35	
<b>OUTPUTS</b>			
RF Output	Connector		7/8" EIA
	Impedance	Ohm	50
RF Monitor	Connector		BNC
	Impedance	Ohm	50
	Output Level	dB	Approx. -60
<b>FUSES</b>			
On mains		3 External fuse F 10 T - 6x30 mm	
On services		X	
On PA Supply		4 Internal F 32 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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