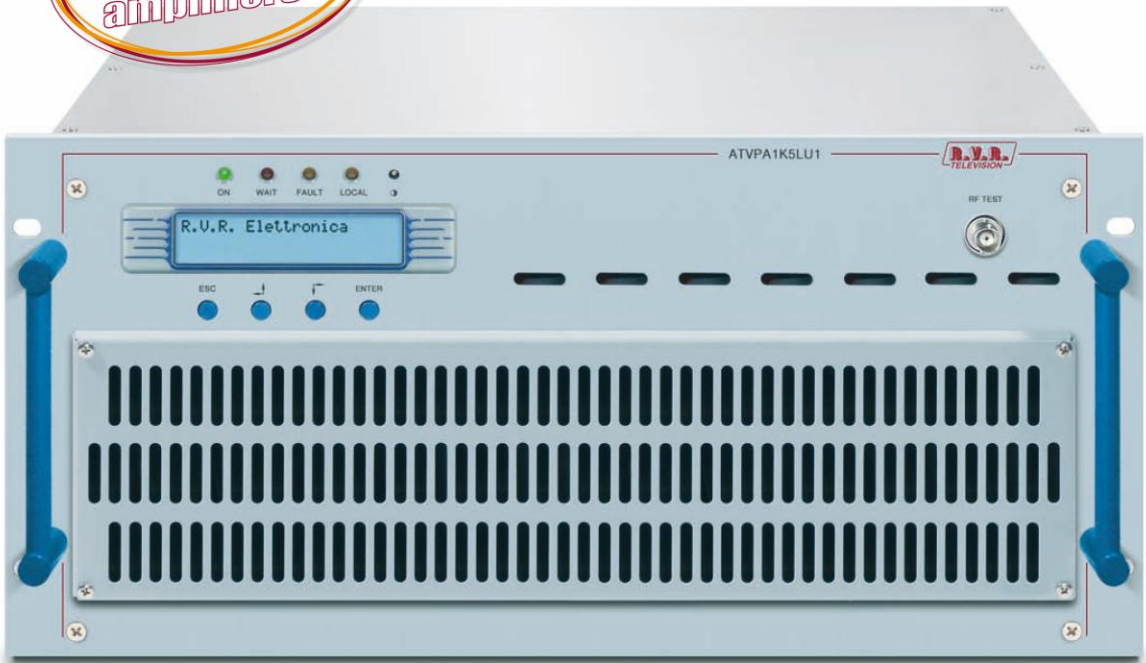


TV amplifiers

Preliminary version

ATVPA1K0LU1
DTVPA500UU1
DTVPA250EU1

ATVPA1K5LU1
DTVPA700UU1
DTVPA400EU1



ATVPA1K5LU1 (1,5 Kw) - Front view

Features - Caratteristiche

- > Exceptional-gain amplifiers with low input drive power requirement, ideal for medium to high power stations.
- > Amplificatori ad eccezionale guadagno con bassa potenza di pilotaggio in ingresso, ideale in stazioni di medio-alta potenza.
- > Enhanced reliability, uninterrupted performance and high efficiency. Highly redundant amplification unit which, in the event one or more of the amplifiers modules becomes totally or partially impaired due to a fault, the output power is reduced to maintain transmission and remain on air.
- > Elevata continuità operativa, alta efficienza di esercizio ed eccellenti performance. Estrema ridondanza del gruppo di amplificazione che in caso di guasto di uno o più moduli di amplificazione disponibili (totalmente o parzialmente), riduce automaticamente la potenza di uscita mantenendo in onda la trasmissione.
- > Advanced module design ensures easy accessibility and maintenance.
- > Estrema accessibilità e semplicità di manutenzione grazie ad un'avanzata ingegnerizzazione modulare.
- > Pushbuttons for user/device interaction provides enhanced accessibility and control, resulting in extreme ease of use.
- > Estrema semplicità d'utilizzo, data dall'accessibilità fornita dai tasti a pressione per l'iterazione fra l'utente e l'apparato.
- > Amplifiers are extremely compact and rugged thanks to the stainless steel chassis in only 5 HE.
- > Costruzione modulare estremamente compatta e indeformabile, realizzata in chassis di acciaio inox, in sole 5 unità rack.

Technical specifications

Parameters	1000Wps Values	1500Wps Values
GENERALS		
Frequency Range	Bd IV & V (470-860 Mhz)	
Standards	All standards	
Working Temperature	0-45 °C	
Relative maximum humidity	95% non-condensing	
Interlock Connector	BNC	
Serial Interface	RS 232 / RS485	
Input Connector	N-type female connector, 50 Ohm	
Output Connector	7/8" connector	
Cooling	Air forced	
RF SECTION SPECIFICATIONS ANALOGIC		
Output Power	1000Wps Analogic	1500Wps Analogic
Amplification Mode	Common Audio-Video	
I.M.D. at nominal power	better than -60 dBc	
Output spurious and harmonics	< -60 dBc (with output filter)	
RF SECTION SPECIFICATIONS 8-VSB		
Output Power	500Wrms	700Wrms
RF SECTION SPECIFICATIONS DVB-T/H		
Output Power	250Wrms	400Wrms
METERING		
	Output power	
	Reflected power	
	Power supply meter	
	Temperature	
	Absorbed current	
	Enable status	
PROTECTIONS		
	VSWR	
	Overdriver	
	Overtemperature	
	Overcurrent	
MAINS SECTION SPECIFICATIONS		
Mains Voltage	180/230 Vac (50/60 Hz)	
Power consumption	~2100W Analogic (50% APL) ~2100W 8-VSB ~1300W DVB-T/H	~3500W Analogic (50% APL) ~3500W 8-VSB ~2200W DVB-T/H
Power Factor	0.9	
MECHANICAL SPECIFICATIONS		
Dimensions	5 HE	

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.

CE  99/5/CE Revision: 03/09