

TV amplifiers

R.V.R.
USA

Preliminary version

SAU31
SAV31



SAU-SAV31 front view

Features - Caratteristiche

- > Exceptional-gain amplifiers, ideal for medium to high power stations.
- > Enhanced reliability, uninterrupted performance and high efficiency.
- > Advanced module design ensures easy accessibility and maintenance.
- > Pushbuttons for user/device interaction provides enhanced accessibility and control, resulting in extreme ease of use.
- > Amplifiers are extremely compact and rugged in only 5 HE.
- > *Estrema potenza di amplificazione, impiego ideale in stazioni di medio-alta potenza.*
- > *Elevata continuità operativa, alta efficienza di esercizio ed eccellenti performance.*
- > *Estrema accessibilità e semplicità di manutenzione grazie ad un'avanzata ingegnerizzazione modulare.*
- > *Estrema semplicità d'utilizzo, data dall'accessibilità fornita dai tasti a pressione per l'iterazione fra l'utente e l'apparato.*
- > *Costruzione modulare estremamente compatta e indeformabile, in sole 5 unità rack.*

Technical specifications

Parameters	Values
GENERALS	
Frequency Range	SAV-31 - Bd III (170-230 Mhz) SAU-31 - Bd IV & V (470-860 Mhz)
Standards	All standards
Working Temperature	0-45 °C
Relative maximum humidity	95% non-condensing
Telemetry	relay dry contact (ON, OFF, ALARMS)
Serial Interface	RS 232
Input Connector	N-type female connector, 500hm
Output Connector	7/16" female connector
Cooling	Air forced
RF SECTION SPECIFICATIONS	
Output Power	1000 W (LD-MOS A/B CLASS Technology)
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 monitor	+13 dBm
METERING	
	Output power
	Reflected power
	Power supply meter
	Temperature
	Absorbed current
	Enable status
PROTECTIONS	
	VSWR
	Air cooling loss
	Overtemperature
	Overcurrent
MAINS SECTION SPECIFICATIONS	
Mains Voltage	110/230 Vac (+10% -15%) (50/60 Hz)
Power consumption	~2100W Analogic (50% APL) ~2100W 8-VSB ~1300W DVB-T/H
Power Factor	0.9
MECHANICAL SPECIFICATIONS	
Dimensions	222,5 H (5 U) x 482 (19") W x 660 (...) D mm.
Weight	about 35 kg

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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