

## Datasheet

### V9-100T Mains Powered SAT / TERR Amplifier & PSU

### V9-101T Line Powered SAT / TERR Amplifier

- § Head-end and trunk amplifiers for 8 x SAT + terrestrial with colour coded inputs/outputs
- § 18V DC to power LNB and V9 network equipment (switchable)
- § 2.0A DC pass via H Hi, H Lo line (switchable)
- § Interstage level controls for SAT and Terrestrial inputs
- § Slope control on terrestrial input
- § Earth bonding post
- § Switch-mode-power-supply on V9-100
- § LED indicators for power status and short circuit / overload diagnostics
- § Now with switchable 12V supply for terrestrial preamp



Model	V9-100T	V9-101T
No / frequency of inputs / outputs	8 x SAT (950-2400Mhz) + 1 Terr (47-862MHz)	
Gain	SAT	15-22dB fixed slope (0dB to -10dB adjustable)
	Terr	17dB (0dB to -20dB adjustable)
Slope	SAT	7dB fixed pre-emphasis
	Terr	0 to -15 adjustable
Isolation	SAT / SAT	30dB
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Noise figure (typical)	≤9dB	
Max output Terr DIN45004B (IMD <sup>3</sup> -60dB)	112dBμV	
Max output SAT EN50083-3 (IMD <sup>3</sup> -35dB)	114dBμV	
Network Powering	12V / 14V / 18V 2A max.	
External powering	Through V lines	14V / 0.6A max
	Through H lines	18V / 1.0A max (switchable)
DC pass (through current)	2.0A max (switchable)	
Power consumption	230V AC/50Hz / 11W(57W loaded)	9 - 18V DC / 6W**
Operating Temperature	-20°C to + 50°C	
Dimensions & Weight	291 x 128 x 53mm 1.0kg	234 x 128 x 53mm 0.75kg
Packing	Individual carton, outer of 10pcs.	

\*\* Line powered via H lines

In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press 11/02/2009