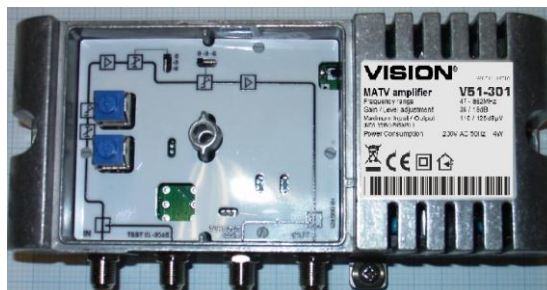


V51-301 125dB μ V/36dB MATV Commercial & Hotel Amplifier

- Push-pull output stage for high output capability and linearity
- Excellent gain flatness at ± 0.5 dB
- Built-in 0-18dB adjustable input gain and slope controls
- Switchable 0-3-6dB inter-stage attenuator and slope controls
- Fully screened die-cast housing IP64 rated with earth post
- Input and output test points
- Built-in, screened Switch-Mode-Power-Supply



V51-301 is a high quality, high output MATV amplifier designed for medium and large MATV, Hotel and Commercial installations where high quality digital TV is required with high performance and reliability. V51-301 has input and interstage level and slope equalisation controls. The former are via rotary 0-18dB attenuators and the latter by 0-3-6dB gold contact slider switch attenuators for stability. The amplifier is built into a diecast housing for high immunity to interference and has input and output test points for convenient and easy set-up and adjustment.

Powered by a built-in and separately screened high grade, reliable switch-mode-power-supply the V51-301 is fitted with a UK standard plug.

V51-301 replaces Vision model V51-101D. This new model is designed for backward compatibility where it retains the old frequency input up to 862MHz where legacy installations have channels 60-69 used on systems. This avoids the need to retune hundreds of TVs tuned to in-house channels. Where 4G/LTE interference protection / filtering is required an external filter should be applied to the input.

Model	V51-301
No of Inputs	1 + test point -20dB
No of Outputs	1 + test point -20dB
Frequency MHz	47-862MHz
Max Output (DIN45004B) IMD ³ =60dB	122dB μ V
Max Output (EN50083-3) IMD ³ =35dB	125dB μ V
Noise Figure	<7.5dB
Gain	36dB
Gain flatness	± 0.5 dB
Input Level Control	0-18dB
Input Slope Control	0-18dB
Interstage slider switch attenuator	-6/-3/0dB
Interstage slider switch equaliser	-6/-3/0dB
Connectors	F-female input / output & test points
Power requirement	230V/50Hz/4W UK standard 3pin plug fused 3A
Power Indicator	Green LED
Operating temperature	-20° to -50°C
Dimensions including fixing lugs	185 x 91 x 47mm
Weight	0.68kg