



VS-106

1x10 Stereo Audio Line Switcher or 1x6 8 Watt RMS Stereo Amplifier & Switcher



The VS-106 is a switcher/amplifier for unbalanced stereo audio signals. The unit mechanically switches a single stereo line input to one of ten stereo line outputs, or to one of six 8 watt RMS per channel amplified speaker outputs.

FEATURES

Amplifier - 8 watts RMS per channel into 4Ω.

Input - 1 unbalanced stereo audio on RCA connectors.

Outputs - 6 powered speakers on terminal blocks with springs; 10 line level unbalanced audio stereo on RCA connectors.

Mechanical Switching - Unpowered 1x10 line to line switching, amplified 1x6 line to speaker switching.

Bandwidth (-3dB) - 20kHz.

Speaker Gain Adjustment - 19dB, 25dB (factory setting), 31dB & 37dB.

Control - Speaker volume control knob.

Indicator - Power ON LED.

Power Supply - 12V DC.

Standard 19" Rack Mount Size - 1U. Rack "ears" included.



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TECHNICAL SPECIFICATIONS

INPUT:	1 unbalanced stereo audio on RCA connectors.
OUTPUTS:	6 powered speakers on 4-pin terminal blocks; 10 line level unbalanced audio stereo on RCA connectors.
INPUT SENSITIVITY:	230mVpp @37dB gain program max. level.
OUTPUT POWER:	8W RMS per channel into 4Ω.
MAX. VOLTAGE GAIN:	<-53 to +37dB.
BANDWIDTH (-3dB):	>20kHz.
S/N RATIO:	Power amplifier: 76dB; line level 92dB@1kHz.
CONTROLS:	Volume control knob.
COUPLING:	Speakers: input – AC, output – DC; Line: input – DC, output – DC.
CROSSTALK:	N/A (no active parts to distort).
AUDIO THD + NOISE:	Power amplifier: 3.5%; line level 0 (no active parts to distort).
AUDIO 2nd HARMONIC:	1.2% @1kHz.
AMPLIFIER TYPE:	Class D.
POWER SOURCE:	12V DC, 2A.
DIMENSIONS:	19" x 4.0" x 1U.
WEIGHT:	1kg (2.2lbs).
ACCESSORIES:	Power supply, rack "ears".

