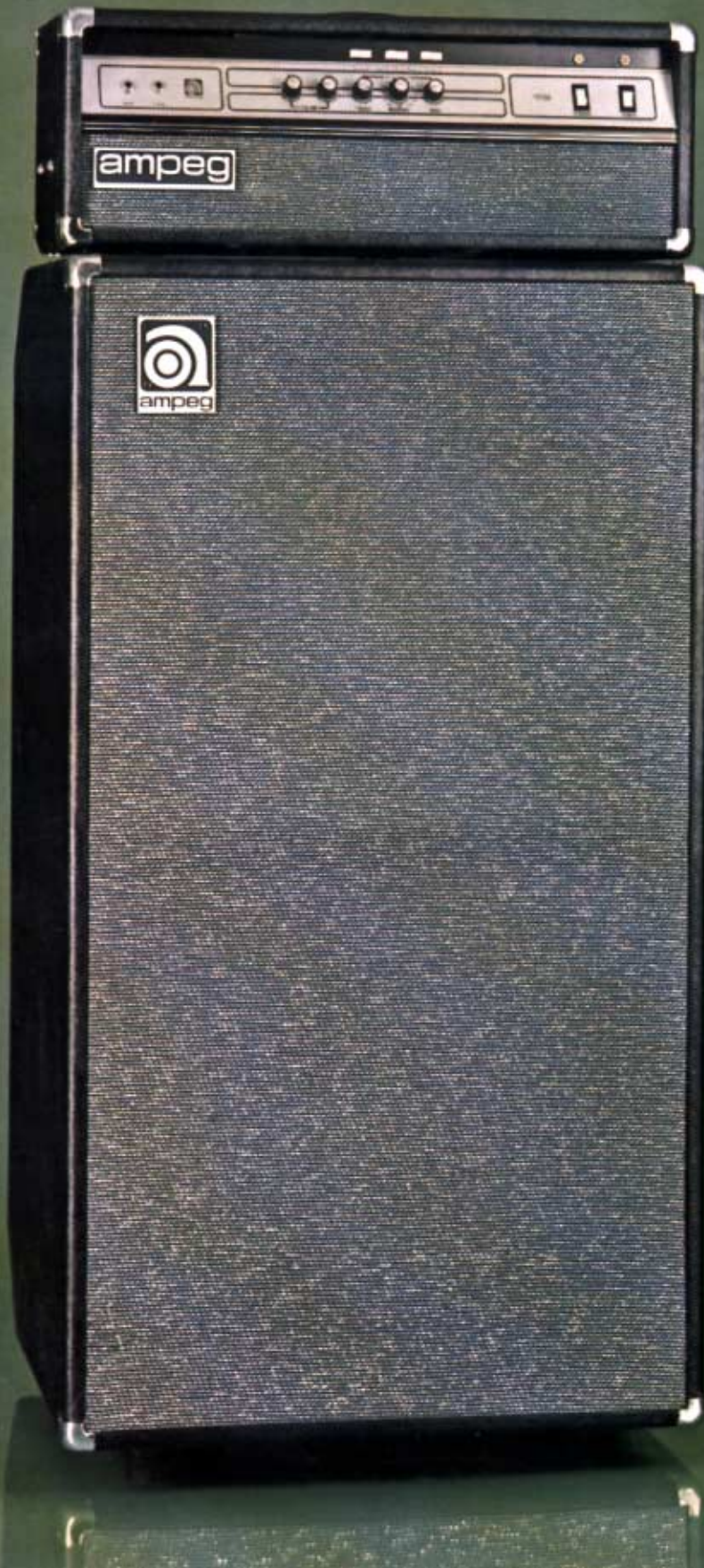


V-4B

Amplifier



V-4B Amplifier

V-4B Amplifier Specifications



Power Output:

100 watts RMS minimum continuous at less than 3% total harmonic distortion (T.H.D.) into a 2, 4, or 8 ohm load over a 20 to 20,000 Hertz band

Front Panel:

Two inputs
Two volume controls
Bass, midrange and treble controls
Two-position ultra-hi switch
Two-position ultra-lo switch
Power switch
Standby switch
Red pilot light
Amber standby light

Rear Panel:

Impedance selector switch (2, 4, 8 ohms)
Two speaker output jacks
Patching jacks (in and out)
Accessory outlet (500 watt)
Hum balance control
15-foot three-wire line cord (4.5 m.)
Two cord winders

Tone Control Range:

Treble ± 12 dB @ 4,000 Hertz
Bass ± 12 dB @ 40 Hertz
Midrange ± 20 dB @ 300, 800 or 3,000 Hertz
Ultra-Hi $+ 12$ dB @ 8,000 Hertz (dependent on volume control position)
Ultra-Lo $+ 12$ dB @ 160 Hertz

Signal to Noise Ratio (S/N):

-80 dB at below full power

Frequency Response (1 watt):

± 1 dB 20 to 20,000 Hertz

Sensitivity:

Input sensitivity for full power is 8.1 millivolts.
Channel 1 and 2 input impedance is 5.6 megohms.

Patching Facilities:

Preamplifier output jack is 10K ohms.
Power amplifier input jack is high impedance (.25 volts for 100 watts).

Special Circuit Features:

Special input filters reject nearby radio frequency (RF) interference.

Tube Complement:

Four 7027A/One 12DW7/Two 12AX7A/One 12AU7A/One 6K11

Power Supply Requirements:

(Standard) 100-130 volts 50-60 Hz.
4 amps
(Export) 200-260 volts 50-60 Hz.
2 amps
Power consumption is 280 watts at rated output.

Safety Approvals:

Underwriters' Laboratories (UL)
Canadian Standards (CSA)

Chassis Construction:

Shock mounted, $\frac{1}{16}$ " steel reinforced chassis, enclosed for RF rejection
Baked enamel finish
Patented extruded aluminum front panel

Decorative overlay
Four output tube retainers
Three service access covers

Cabinet Construction:

$\frac{3}{4}$ " solid jointed core 7-ply plywood
Dovetail corner construction
Eight chrome corners
Heavy duty vinyl covering
Ventilating rear cover and front baffle
Flush mounted strap handle

Weight:

60 pounds (27 Kg.)

Dimensions:

26.6" W x 9.7" H x 11.1" D
68 cm. x 25 cm. x 28 cm.

Recommended Speaker Enclosure Options:

One or two G-60 enclosures
One or two V-4 enclosures (Altec speakers optional)
One or two VT-22 enclosures (Altec speakers optional)
One or two V-2 enclosures (Altec speakers optional)
One or two B-40 enclosures (Altec speakers optional)
One B-15S enclosure (Altec speaker required)
Two B-15S enclosures (Altec speakers optional)
One or two B-25B enclosures (Altec speakers optional)
One or two V-6B enclosures (Altec speakers optional)
One or two V-6 enclosures
One SVT enclosure

Recommended Usage:

Bass, Guitar, Keyboard instruments

Optional Equipment:

Vinyl cover
8812 Master Volume Control

V-4B Speaker Enclosure Specifications

Power Handling:

240 watts RMS per enclosure

Impedance:

4 or 16 ohms selectable

Enclosure Design:

Dual driver double folded horn

Speaker Complement:

Two high-efficiency 15" Electro-Voice EVM-15L speakers with 2½" aluminum voice coils and 77 oz. (2.2 Kg.) ceramic magnets

Cabinet Construction:

¾" solid jointed core 7-ply plywood

Interlock construction joining top, bottom, sides, back and baffle

Four chrome corners

Mounted wheels and bar handle

Heavy duty vinyl covering

Phone jack

7-foot speaker cable

Removable grille frame

Weight:

157 pounds (72 Kg.)

Dimensions:

26.6" W x 48" H x 24" D

67.6 cm. x 122 cm. x 61 cm.

Recommended Amplifiers:

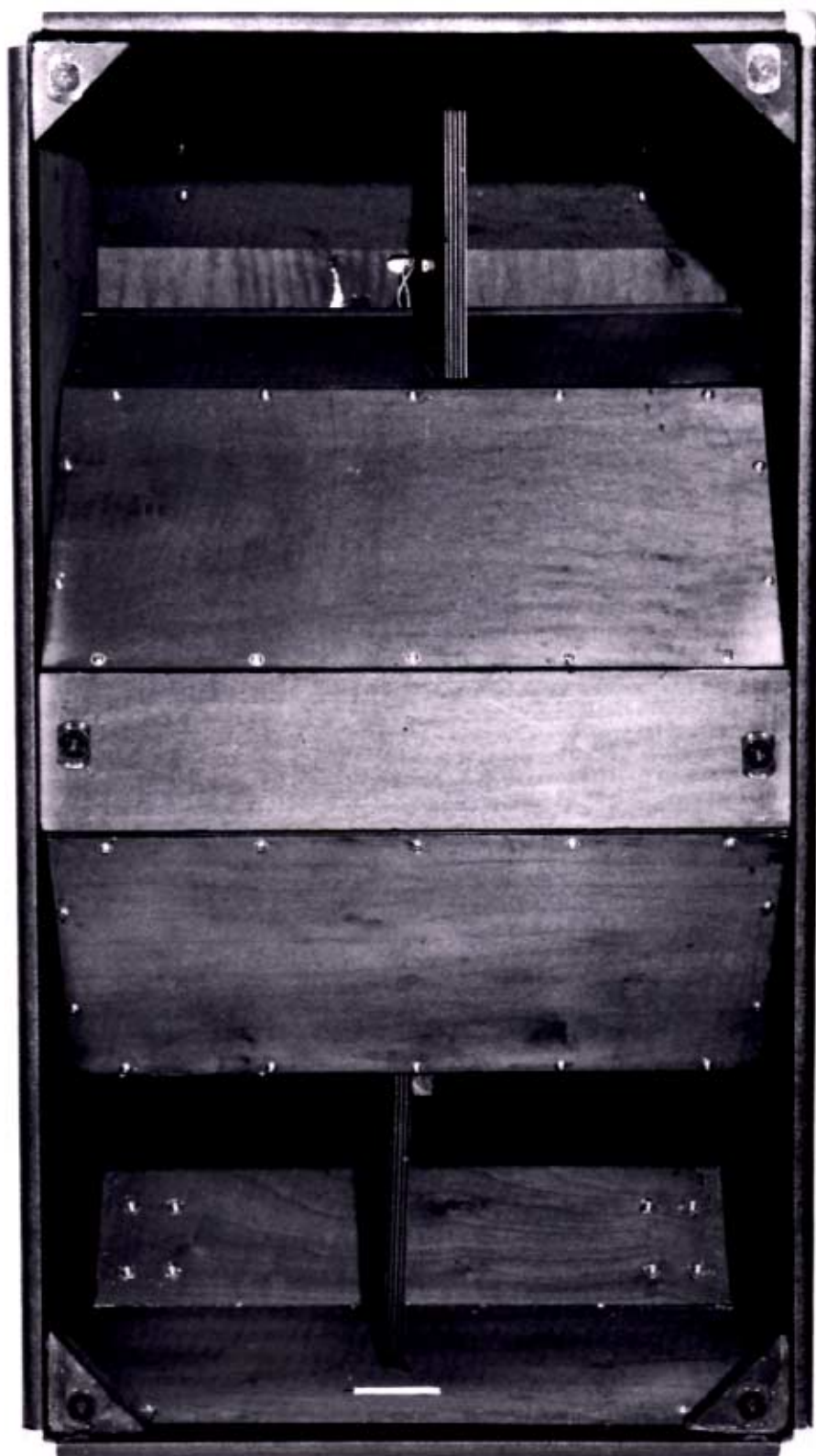
V-4B, V-4, V-2, B-25B, G-60, B-40, A-120, V6B; V-9 and SVT with two enclosures

Recommended Usage:

Bass, Low Frequency Sound
Reinforcement

Optional Equipment:

Vinyl cover





ampeg

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