

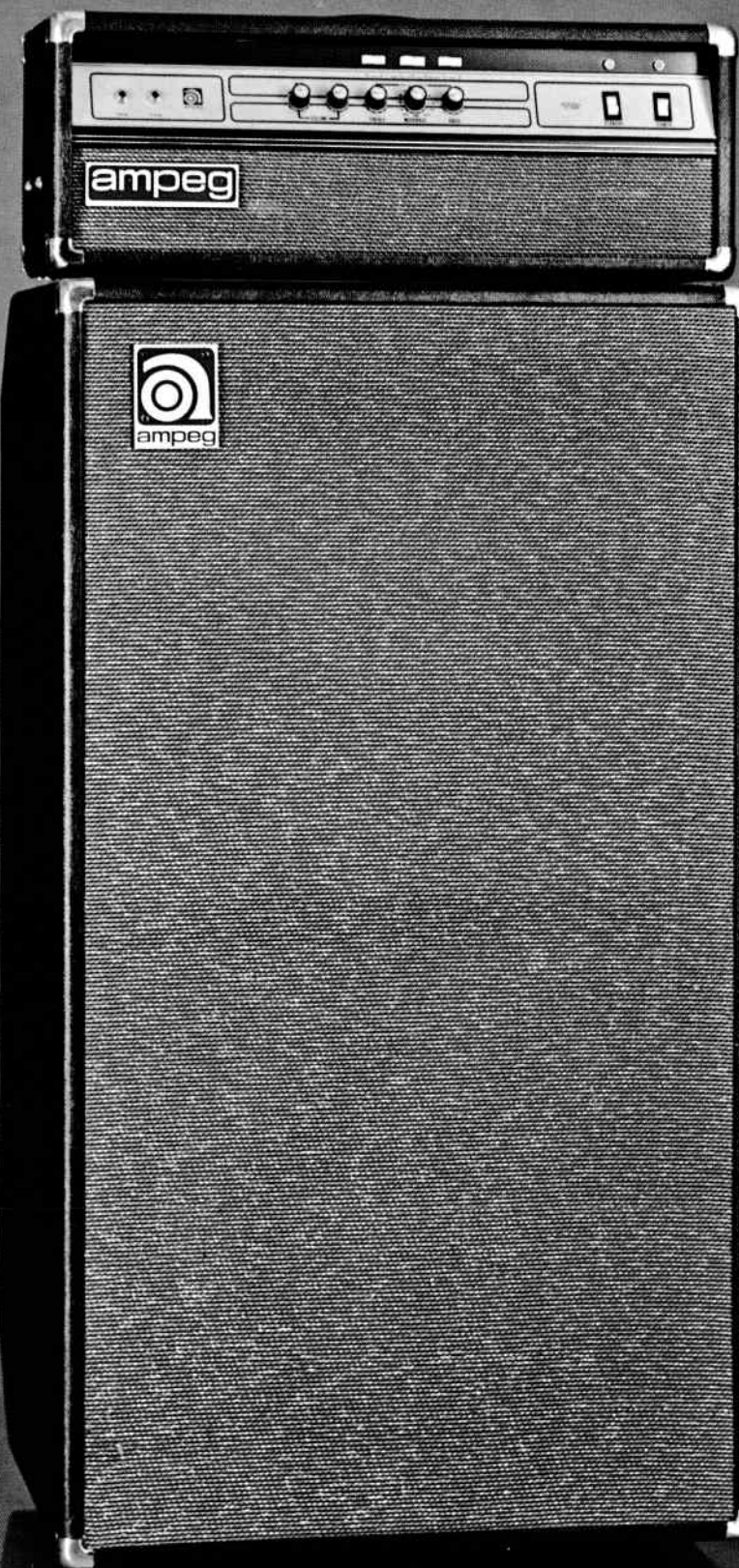


**ampeg**

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# V-4B Amplifier



# V-4B Amplifier



BOX 310 / ELKHART, INDIANA 46514

## 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  $\pm 12$  dB @ 4,000 Hertz  
Bass  $\pm 12$  dB @ 40 Hertz  
Midrange  $\pm 20$  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):

$\pm 1$  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  $2\frac{1}{2}$ " aluminum voice coils and 77 oz. (2.2 Kg.) ceramic magnets

### Cabinet Construction:

$\frac{3}{4}$ " 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

