

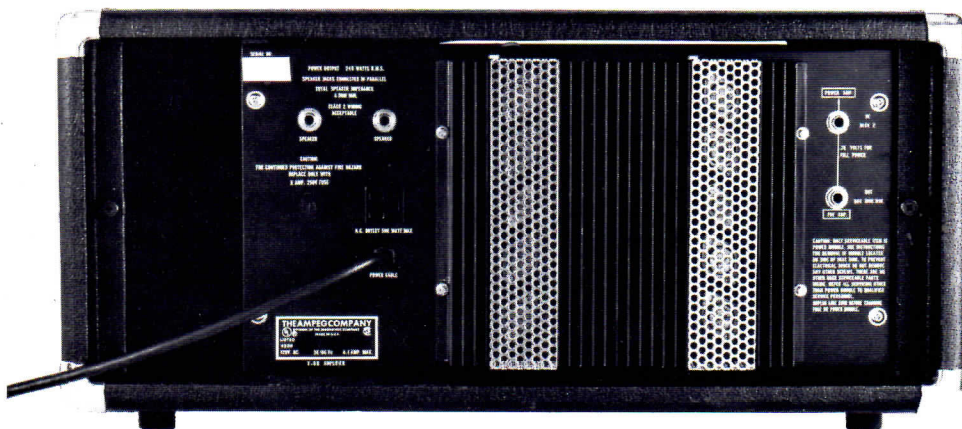
V-6B

Amplifier



V-6B Amplifier

V6B Amplifier Specifications



Power Output:

240 watts RMS minimum continuous at less than 0.3% total harmonic distortion (T.H.D.) into a 4 ohms load over the 20 to 20,000 Hertz band; 160 watts into 8 ohms.

Front Panel:

Two inputs — one high gain and one low gain
Volume control, detented bass, midrange and treble controls, and ultra-hi switch
Power switch
Pilot light
Protective transit cover

Rear Panel:

Two speaker jacks (wired in parallel)
Patching jacks (in and out)
Cord storage compartment
15-foot three-wire line cord (4.6 m.)
Accessory outlet
Protective transit cover

Tone Control Range:

Treble ± 17 dB @ 10,000 Hertz
Bass ± 20 dB @ 40 Hertz
Midrange ± 20 dB @ 300, 800 or 3,000 Hertz
Ultra-Hi + 12 dB @ 8,000 Hertz

Signal to Noise Ratio (S/N):

-90 dB below full power

Frequency Response (1 Watt):

± 1 dB 20 to 20,000 Hertz

Sensitivity/Input Impedance:

Input sensitivity for high gain jack is .011 volts for full power. High gain jack is 100K ohms. Low gain jack is 47K ohms. Signals as large as 4 volts will not overload low gain jack. Two volts will not overload high gain jacks.

Patching Facilities:

Power amplifier input jack is high impedance and 0.28 volts produces full power. Preamplifier output jack is 600 ohms.

Circuitry:

Solid state

Power Module:

Removable and safety interlocked. Complete circuit self-protection is provided by automatic variable power programmed limiting. Shorted, mismatched or open loads have no adverse effect — amplifier is safe with any input signal or load. Overload recovery is instantaneous on any waveform. No thermal protection or forced air cooling is required due to the massive black anodized heat sink.

Power Supply Requirements:

(Standard) 100-130 volts 50-60 Hz.
4.4 amps
(Export) 200-260 volts 50-60 Hz.
2.2 amps

Power consumption at rated output is 383 watts maximum.

Safety Approvals:

Underwriters' Laboratories (UL)

Canadian Standards Association (CSA)

Chassis Construction:

Heavy-gauge aluminized steel front panel with decorative overlay
Steel chassis with baked enamel finish

Cabinet Construction:

$\frac{3}{4}$ " solid jointed core 7-ply plywood
Interlock construction to join top, bottom, back and sides for greatest strength
Eight chrome corners
Heavy duty covering
Two flush mounted strap handles

Dimensions:

24" W x 10.6" H x 13" D
60.9 cm. x 27 cm. x 33 cm.

Weight:

53 pounds (24 Kg.)

Recommended Speaker Enclosure Options:

One or two V-6B enclosures (Altec speakers optional)
One SVT enclosure
One or two V-9 enclosures
One V-4B enclosure
One B-25B enclosure (Altec speakers required)
Two B-25B enclosures (Altec speakers optional)
Two B-15S enclosures (Altec speakers required)
Four B-15S enclosures (Altec speakers optional) with Y-Adapter
One or two B-40 enclosures (Altec speakers optional)
Two VT-22 enclosures (Altec speakers optional)
One or two V-6 enclosures
Four S-48 columns
One or two G-60 enclosures
Two V-4 enclosures (Altec speakers optional)
Two V-2 enclosures (Altec speakers optional)

Recommended Usage:

Bass, Guitar, Keyboard Instruments and Sound Reinforcement

Optional Equipment:

Vinyl cover
Model 8819 Master Volume Control for low volume distortion



BOX 310 / ELKHART, INDIANA 46514

V6B Speaker Enclosure Specifications

Power Handling:

240 watts RMS per enclosure

Impedance:

4 or 16 ohms selectable

Enclosure Design:

Active ducted port

Speaker Complement:

Two 15" speakers with 2½" voice coils and 54 oz. ceramic magnets

Cabinet Construction:

¾" solid jointed core 7-ply plywood

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

Front mounted speakers

Four chrome corners

Two special design molded foam ducts

Mounted wheels and bar handle

Heavy duty vinyl covering

Phone jack

7-foot speaker cable

Removable grille frame

Dimensions:

26.7" W x 40.3" H x 15.1" D

67.9 cm. x 102.4 cm. x 38.3 cm.

Weight:

118 pounds (54 Kg.)

Recommended Amplifiers:

V-6B, V-4B, V-4, V-2, B-25B, G-60, B-40, A-120, V-9 and SVT (Two Altec-equipped speaker enclosures must be used with the SVT and V-9 amplifier option.)

Recommended Usage:

Bass, Low Frequency Sound Reinforcement

Optional Equipment:

Vinyl cover





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