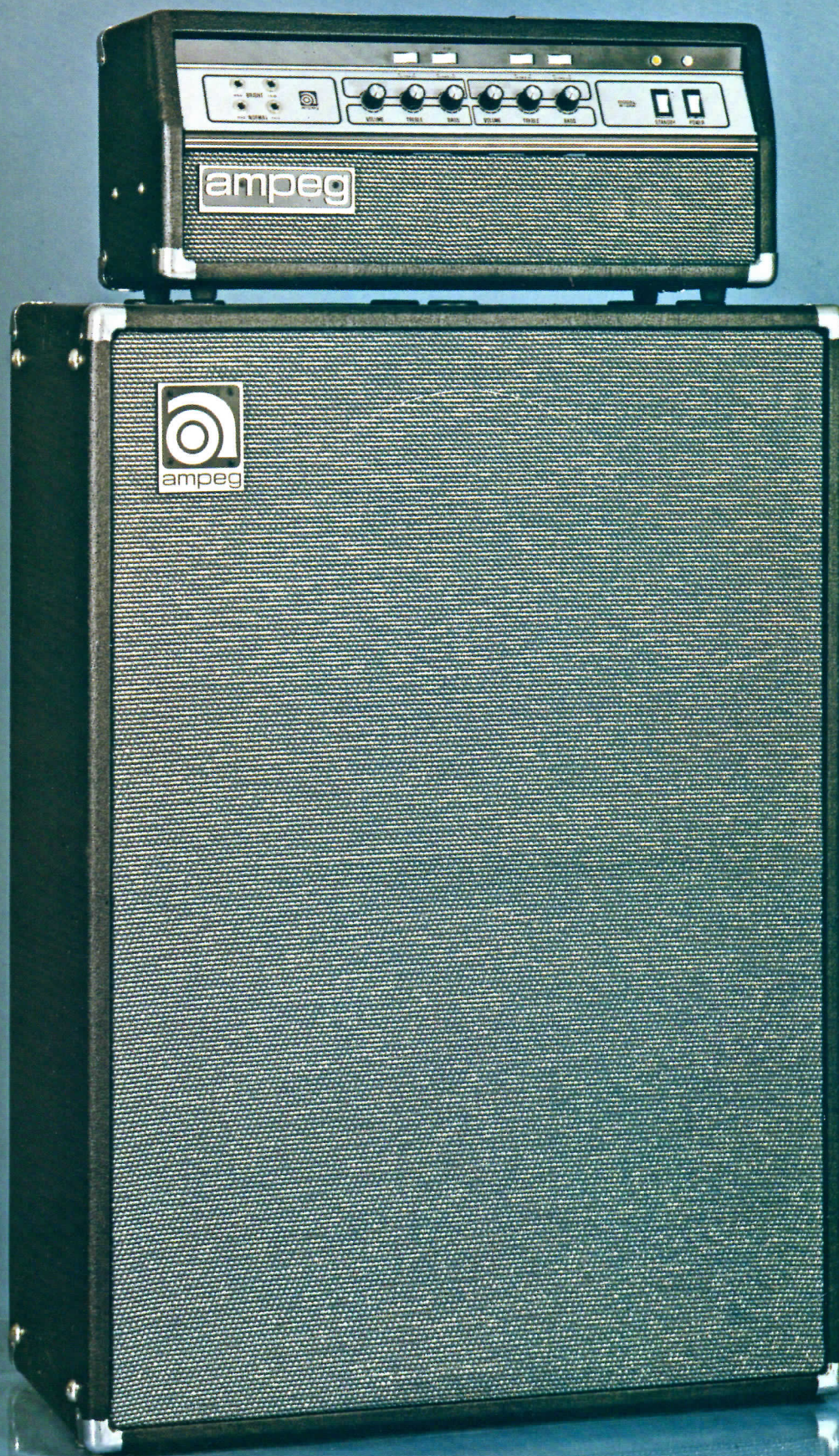


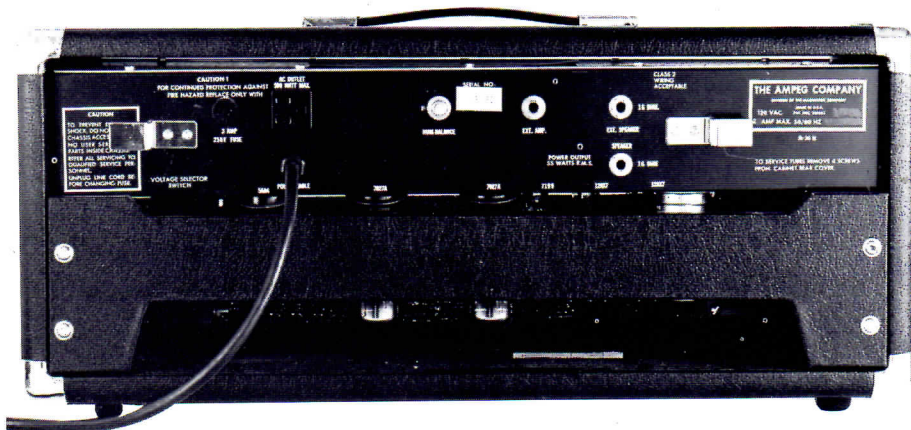
B-25B

Amplifier



B-25B Amplifier

B-25B Amplifier Specifications



Power Output:

55 watts RMS minimum continuous at less than 5% total harmonic distortion (T.H.D.) into a 16 or 8 ohm load over the 20 to 20,000 Hertz band

Front Panel:

Two channels
Four inputs (two normal, two bright)
Volume, bass, and treble controls
Two ultra-hi switches
Two ultra-lo switches
Power switch
Standby switch
Red pilot light
Amber standby light

Rear Panel:

Two speaker output jacks with automatic impedance switching (8 or 16 ohms)
Patching jacks (in and out)
Accessory outlet (500 watt)
Hum balance control
15-foot three-wire line cord (4.6 m.)
Two cord winders

Tone Control Range:

Treble + 17 dB @ 3,000 Hz./-17 dB @ 10,000 Hz
Bass + 17 dB @ 40 Hz./-11 dB @ 30 Hz
Ultra-hi + 35 dB @ 5,400 Hz (dependent on volume control position)
Ultra-Hi + 8 dB @ 1,000 Hz. with 64 Hz. reference

Signal to Noise Ratio (S/N):

-69 dB below full power

Frequency Response (1 watt):

± 1 dB below full power

Sensitivity:

Channel 1 and 2 input impedance is 5.6 megohms, and input sensitivity is .030 volts for full power.
Bright jacks are -9 dB @ 100 Hertz.

Patching Facilities:

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

Tube Complement:

Two 7027A/Two 12AX7A/One 7199/
One 5AR4GT

Power Supply Requirements:

(Standard) 100-130 volts 50-60 Hz
3 amps

(Export) 200-260 volts 50-60 Hz.
1.5 amps

Power consumption 180 watts at rated output.

Safety Approvals:

Underwriters' Laboratories (UL)
Canadian Standards Association (CSA)

Chassis Construction:

Shock mounted, 1/16" reinforced steel chassis, enclosed for radio frequency (RF) rejection
Baked enamel finish
Patented extruded aluminum front panel
Decorative overlay
Two output tube retainers
Two service access covers

Cabinet Construction:

3/4" solid pointed core 7-ply plywood
Dovetail corner construction
Six chrome corners
Heavy duty vinyl covering
Ventilating rear cover and front baffle
Flush mounted strap handle

Weight:

40 lbs. (18 Kg.)

Dimensions:

23.6" W x 9.7" H x 10.1" D
60 cm. x 24.8 cm. x 25.7 cm.

Recommended Speaker Enclosure Options:

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



BOX 310 / ELKHART, INDIANA 46514

Recommended Usage:

Bass; Guitar and Keyboard instruments when equipped with Altec 418B speakers

Optional Equipment:

Vinyl cover

Model 8820 A/B Footswitch

Model 8812 Master Volume Control

B-25B Speaker Enclosure Specifications

Power Handling:

130 watts RMS per cabinet

Impedance:

4 or 16 ohms, selectable

Enclosure Design:

Vented baffle

Speaker Complement:

Two 15" speakers with 2" aluminum voice coils and 54 oz. ceramic magnets

Cabinet Construction:

3/4" solid jointed core 7-ply plywood

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

Eight chrome corners

Front mounted speakers

Heavy duty vinyl covering

Three flush mounted strap handles

Dolly included

Phone jack

7-foot speaker cable

Removable grille frame

Amplifier and dolly mounting hardware

Weight:

117 pounds (53 Kg.)

Dimensions:

29" W x 40" H x 11.8" D

73.6 cm. x 101.6 cm. x 30.2 cm.



Recommended Amplifiers:

B-25B, V-4, V-2, G-60, B-40, A-120, V-4B; V-9, SVT and V-6B when speaker enclosures are equipped with Altec speakers

Recommended Usage:

Bass; Guitar and Keyboard instruments when speaker enclosures are equipped with Altec speakers

Optional Equipment:

Vinyl cover

Altec 418B or 421A speakers



ampeg

Box 310, Elkhart, Indiana 46514

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