
AMPEG SERVICE MANUAL

B25B AMPLIFIER

B25B 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:

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
Patching jacks (in and out)
Accessory outlet (500 watt)
Hum balance control

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:

Input sensitivity is .030 volts for full power.
Bright jacks are -9 dB @ 100 Hertz.
Power amplifier jack is high impedance (.25 volts for 100 watts).

Power Supply Requirements:

Power consumption 180 watts at rated output.

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.



SPEAKER ENCLOSURE SPECIFICATIONS

Power Handling:

130 watts RMS per cabinet

Impedance:

4 or 16 ohms, selectable

Speaker Complement:

Two 15" speakers

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.