

AMPEG



SERVICE MANUAL

G212, G410, G412 AND G60 AMPLIFIERS

G212, G410, G412, AND G60 AMPLIFIER SPECIFICATIONS

Power Output:

120 watts RMS minimum continuous at less than 0.3% total harmonic distortion (THD) into 8 ohms from 20 to 20,000 Hertz; 70 watts into 16 ohms.

Signal to Noise Ratio (S/N):

-90 dB below full power

Sensitivity:

.011 volts produces full power at high gain jacks

Frequency Response (1 Watt):

± 1 dB 20 to 20,000 Hertz

Power Bandwidth (120 Watts):

20 to 20,000 Hertz

Patching Facilities:

Power amplifier input jack is high impedance; 0.28 volts produces full power

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

Front Panel:

Four inputs

Two channels, each with volume control, bass, midrange and treble controls, and ultra-hi switch

Channel 2 includes reverb, tremolo speed and tremolo intensity controls.

Power switch

Power light

Rear Panel:

Two speaker jacks

Patching jacks

Power Module:

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.

Power Supply Requirements:

Power consumption at rated output is 264 watts maximum.

Enclosure Design:

G-212 and G-410; Open back enclosure

G-412: Totally sealed air suspension

Speaker Complement:

G-212: Two 12" speakers

G-412: Four 12" speakers

G-410: Four 10" speakers

Dimensions:

G-212:

26.7" W x 23" H x 12" D

67.9 cm. x 58.4 cm. x 30.5 cm.

G-412 and G-410:

26.7" W x 35.9" H x 13.8" D

67.9 cm. x 91.1 cm. x 35.2 cm.

G-60:

26 $\frac{3}{4}$ " W x 6" H x 12" D

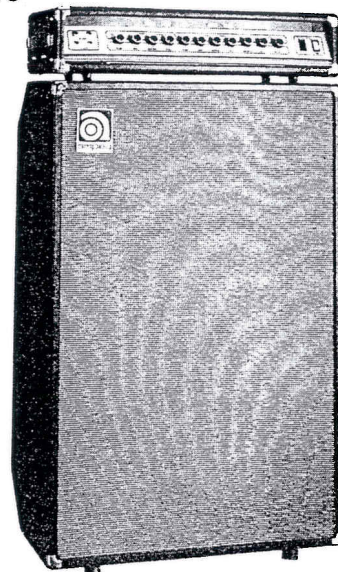
68 cm. W x 15 cm. H x 31 cm. D

Weight:

G-212: 75 lbs. (34 Kg.)

G-412 and G-410: 115 lbs. (52 Kg.)

G-60: 39 lbs. (18 Kg.)



G-60

G-60 SPEAKER ENCLOSURE SPECIFICATIONS:

Power Handling:

240 watts RMS

Frequency Response:

70 to 8,000 Hertz

Impedance:

8 ohms

Speaker Complement:

Six 10" speakers

Dimensions:

27" W x 42" H x 15 $\frac{7}{8}$ " D

69 cm. x 107 cm. x 40 cm.

Weight:

124 lbs. (56 Kg.)



G-212

G-410

G-412