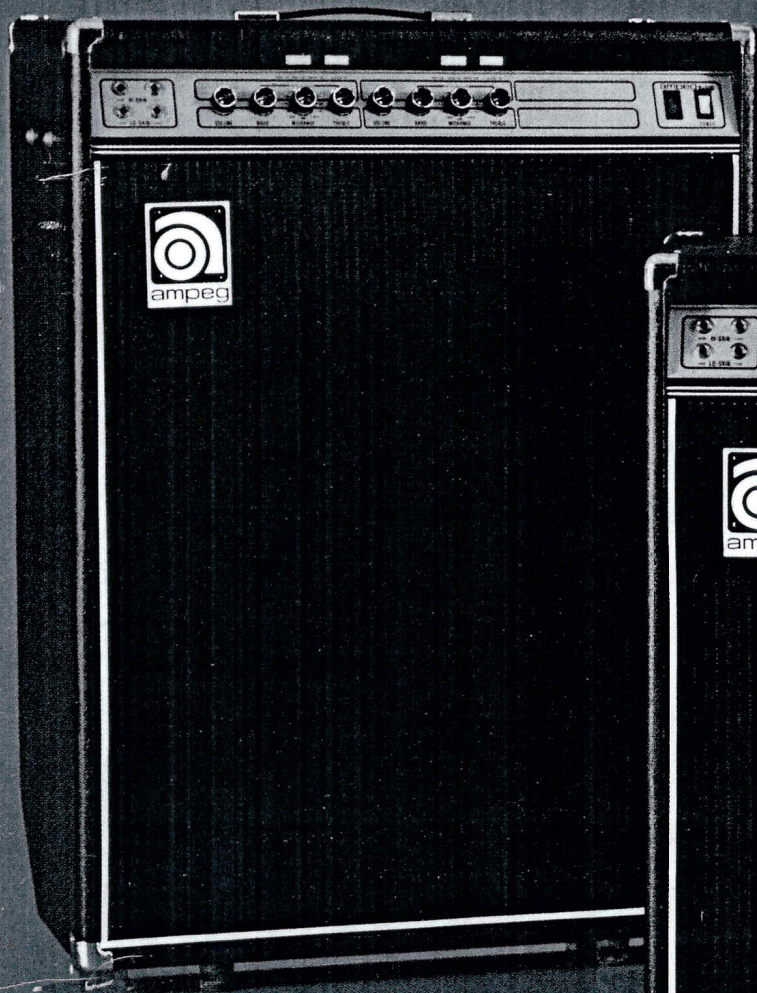


# B-410/B-115

## Amplifiers



# B-410/B-115 Amplifiers

## B410/B115 Amplifier Specifications

### Power Output:

120 watts RMS minimum continuous at less than 0.3% total harmonic distortion (T.H.D.) into an 8 ohms load over the 20 to 20,000 Hertz band; 70 watts into 16 ohms.

### Front Panel:

Four inputs — two high gain and two low gain

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

Power switch

Pilot light

### Rear Panel:

Two speaker jacks (wired in parallel)

Patching jacks (in and out)

Two cord winders

Cord storage compartment

15-foot three-wire line cord (4.6 m.)

Accessory outlet

Double footswitch

### Tone Control Range:

Treble  $\pm$  17 dB @ 10,000 Hertz

Bass  $\pm$  20 dB @ 40 Hertz

Midrange  $\pm$  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):

$\pm$  1 dB 20 to 20,000 Hertz

### Sensitivity/Input Impedance:

Input sensitivity for high gain jacks is .011 volts for full power.

High gain jacks are 100K ohms.

Low gain jacks are 47K ohms.

Signals as large as 4 volts will not overload low gain jacks. 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 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. 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 Hertz 2.2 amps

(Export) 200-260 volts 50-60 Hertz 1.1 amps

Power consumption at rated output is 264 watts maximum.

### Safety Approvals:

Underwriters' Laboratories (UL)

Canadian Standards Association (CSA)

### Chassis Construction:

Patented extruded aluminum front panel with decorative overlay

Enclosed chassis for radio frequency (RF) rejection

.048 steel chassis with baked enamel finish

Two service access covers

### Cabinet Construction:

$\frac{3}{4}$ " solid jointed core 7-ply plywood with chrome corners

Interlock construction to join top, bottom, back, sides and baffle for greatest strength

Mounted wheels on B-410

Front mounted speaker

Removable grille frame

Heavy duty covering

Flush mounted strap handle

### Enclosure Design:

B-410: Totally sealed infinite baffle

B-115: Vented baffle

### Speaker Complement:

B-410: Four 10" bass speakers with 2" voice coils and 16 oz. alnico magnets

B-115: One 15" bass speaker with 2½" voice coil and 54 oz. ceramic magnet

### Dimensions:

B-410:  
26¾" W x 35¾" H x 13⅞" D  
67.9 cm. x 91.1 cm x 35.2 cm.

B-115:  
26¾" W x 28⅜" H x 13⅞" D  
67.9 cm. x 72 cm. x 35.2 cm.

### Weight:

B-410: 108 lbs. (49 Kg.)

B-115: 85 lbs. (39 Kg.)

### Recommended Usage:

Bass

### Optional Equipment:

Vinyl cover

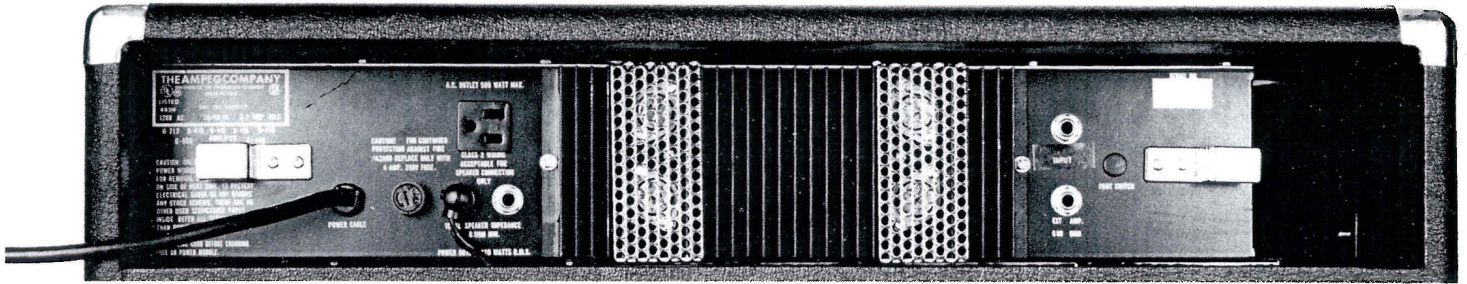
Dolly for B-115

A/B Footswitch

Model 8819 Master Volume Control (low volume distortion)



BOX 310 / ELKHART, INDIANA 46514



## B410/B115 Speaker Enclosures

