

# B-15N

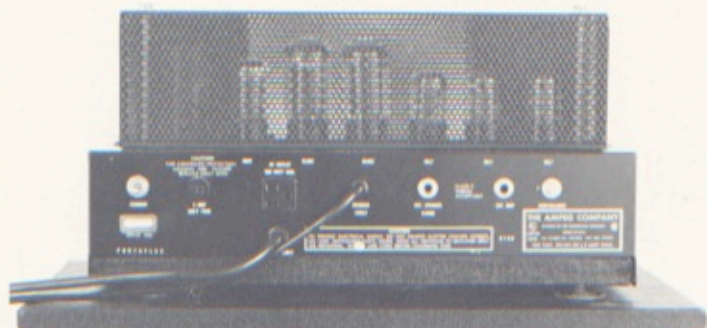
Amplifier



# B-15N Amplifier



BOX 310 / ELKHART, INDIANA 46514



## B-15N Specifications

### Power Output:

30 watts RMS minimum continuous at less than 3% 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

### Rear Panel:

Two speaker output jacks with automatic impedance switching (8 or 16 ohms)  
Extension amplifier jack  
Accessory outlet (500 watt)  
Hum-balance control  
15-foot three-wire line cord (4.6 m.)

### Tone Control Range:

Treble + 12 dB @ 3,000 Hz./-17 dB @ 10,000 Hz.  
Bass + 12 dB @ 40 Hz./-11 dB @ 30 Hertz  
Ultra-hi + 20 dB @ 5,000 Hertz (Dependent on volume control position)  
Ultra-lo + 12 dB @ 50 Hz.

### Signal to Noise Ratio (S/N):

-83 dB below full power

### Frequency Response 1 Watt):

±1 dB 20 to 20,000 Hertz

### Sensitivity:

Channel 1 and 2 input impedance is

5.6 megohms, and input sensitivity is 25 millivolts for full power.  
Bright jacks are -9 dB @ 100 Hertz.

### Patching Facilities:

Extension amplifier jack is 20K ohms (1.4 volts yields full power).

### Tube Complement:

Two 6L6GC/Three 6SL7/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 62 watts at rated output.

### Safety Approvals:

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

### Chassis Construction:

Shock mounted,  $\frac{1}{16}$ " reinforced steel chassis enclosed for radio frequency (RF) rejection.  
Baked enamel finish  
Patented extruded aluminum front panel  
Decorative overlay  
Tube cage

### Cabinet Construction:

$\frac{3}{4}$ " solid jointed core 7-ply plywood  
Interlock construction joining top, bottom, sides, back and baffle  
Eight chrome corners  
Front mounted speaker  
Removable grille frame  
Heavy duty vinyl covering  
Three flush mounted strap handles

Amplifier and dolly mounting hardware  
Portaflex top cover  
Dolly included

### Speaker Enclosure Design:

Vented baffle

### Speaker Complement:

One 15" speaker with 2" aluminum voice coil and 54 oz. ceramic magnet

### Weight:

76 pounds (34 Kg.)

### Dimensions:

21" W x 24" H x 14" D  
53.3 cm. x 61 cm. x 35.6 cm.

### Recommended Usage:

Bass; Guitar and Keyboard Instruments when equipped with Altec 418B speaker.

### Optional Equipment:

Vinyl cover  
Model 8820 A/B Switch  
Model 8812 Master Volume Control  
Altec 418B or 421A speaker

