

# AMPEG

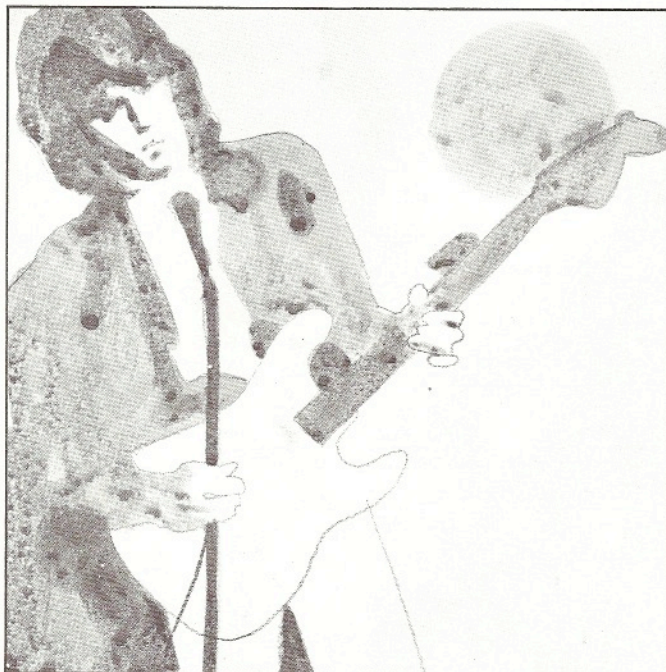


In the mid-forties Everett Hull, a jazz bassist, met a need. In order to make his talents heard above the sound of the rest of the group, Hull installed a microphone in the peg of his bass and designed an amplifier to go with it. Hence the word AMP PEG.

Everett Hull not only filled his own need, he created a market as well; and ever since Ampeg has been filling that market's changing needs by identifying with changing styles in performance and sound reproduction. This is why Ampeg was the first manufacturer of bass amps, first to manufacture the upright electronic bass, first to use the ported speaker enclosure with a musical instrument amplifier, first with steel reinforced shock mounted control heads, and first to put removable dollies on its equipment.

Reliability and durability are terms which have long been associated with the Ampeg name. This is no accident. Ampeg, in conjunction with Magnavox, builds and designs with the highest grade industrial electronic components available. Exhaustive testing and actual use in the field are just two of the ways Ampeg evaluates new designs before releasing them for production. Cabinets are constructed of selected  $\frac{3}{4}$  inch veneer, and protected with either fabric backed vinyl no-scuff covering or, durable synthetic fiber covering. And should you have a problem with an Ampeg amplifier, it's reassuring to know that there are over 150 Ampeg service centers.

We believe in our amplifiers, and back our belief by offering you this guarantee:



### LIFETIME GUARANTEE

The Ampeg Lifetime Consumer Security Plan becomes effective immediately upon receipt of the registration card by Ampeg. (The registration card must be signed by an authorized Ampeg dealer and the purchaser.)

The Lifetime Security Plan is available only to the original purchaser who must be an individual person (not a group, club or organization).

Should a malfunction occur in any Ampeg unit the original purchaser should present it to an Ampeg authorized dealer or service center. If the malfunction is due to a defect in material or workmanship, the unit will be repaired free of charge and returned to the purchaser.

The Lifetime Consumer Security Plan does not apply to units which have been physically damaged, mounted incorrectly, subjected to abuse or modified in any manner by an unauthorized person.

#### Conditions and Particulars

1. Electronic Components:
  - a. All workmanship and electronic components (except tubes) are guaranteed for life against failure due to manufacturing defect. This warranty does not cover normal wear.
  - b. Tubes are guaranteed for 90 days from date of registration.
2. Speakers:
  - a. Ampeg speakers are guaranteed for ninety (90) days against manufacturing defects.
  - b. Realizing that any speaker can be overloaded or misused causing failure, Ampeg will replace it with a speaker of the same type at a price equal to half of the current suggested list price of the new speaker for life from date of registration, regardless of the reason.
  - c. All Altec Lansing speakers are guaranteed against manufacturing defect for one year from date of registration.
3. Service:
  - a. All repairs made on any Ampeg unit when necessitated by defective parts and/or workmanship serviced under the terms of this guarantee will be free of any labor charge to the original purchaser.
4. Freight Charges:
  - a. All freight charges which are incurred in order to effect repair on any unit will be the sole responsibility of the purchaser.

Specifications subject to change without notice.

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# SVT

300 watts RMS minimum  
700 watts peak music power  
Tube circuitry  
Sixteen 10" speakers

**Control head:**

2 Channels  
4 Inputs  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi and ultra lo switches  
Cooling fan

**Speaker enclosure:**

Infinite baffle totally sealed enclosures  
Eight speakers in four compartments per enclosure  
4 ohm impedance  
240 watts RMS power handling capability per enclosure  
Dollies included



# V-4B

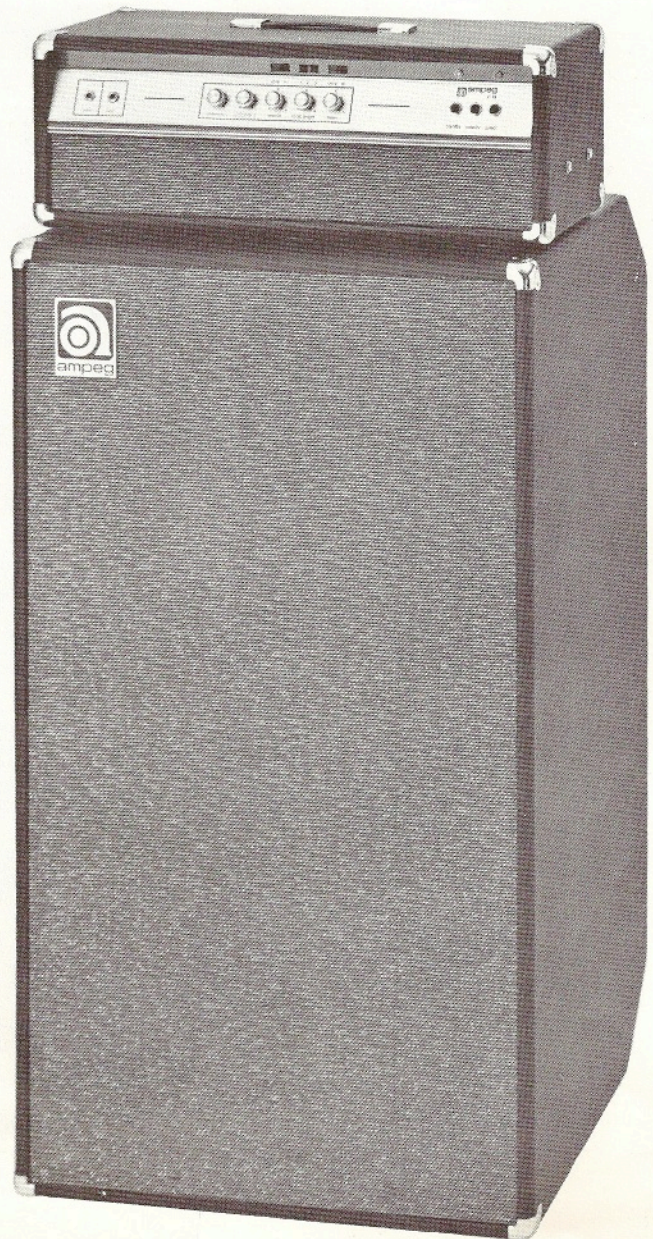
100 watts RMS minimum  
260 watts peak music power  
Tube circuitry  
Two 15" Altec Lansing 421A speakers

**Control head:**

2 channels  
2 inputs  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra lo switch  
Impedance matching transformer

**Speaker enclosure:**

Dual driver double folded horn  
4 ohm impedance  
240 watts RMS power handling capability per enclosure  
Mounted wheels and bar handle



# B-25B

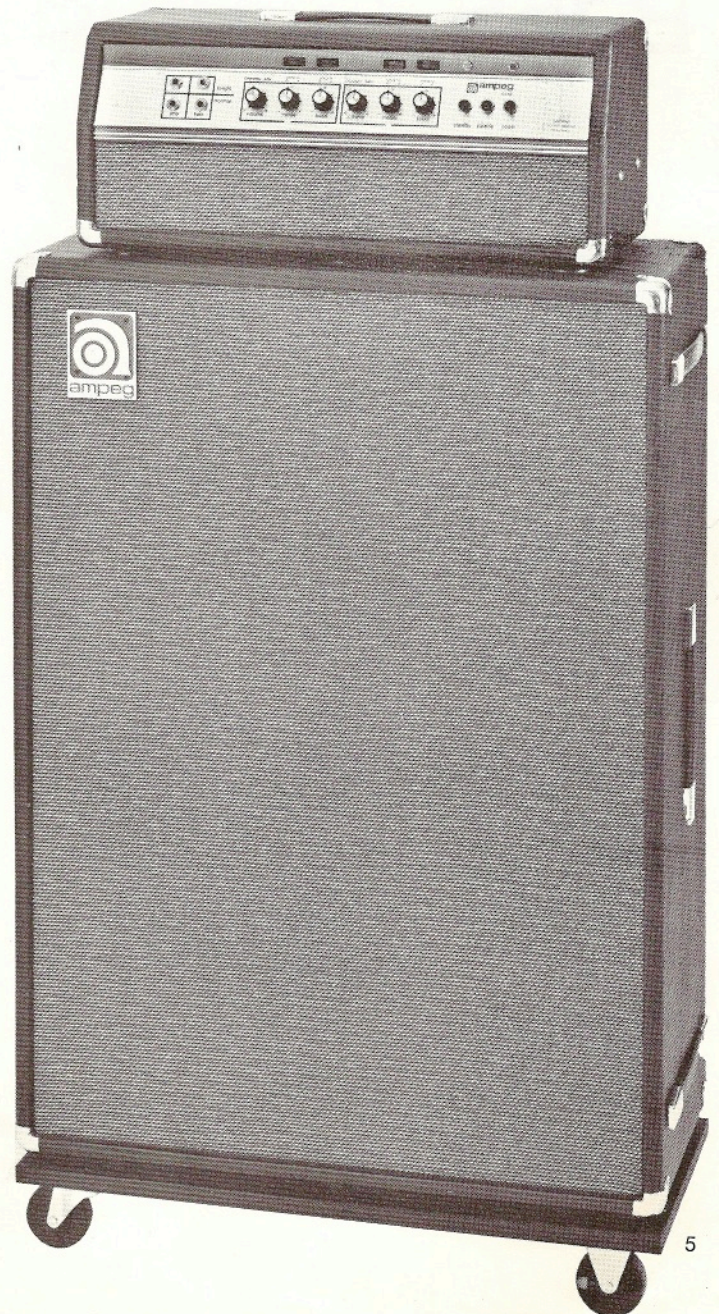
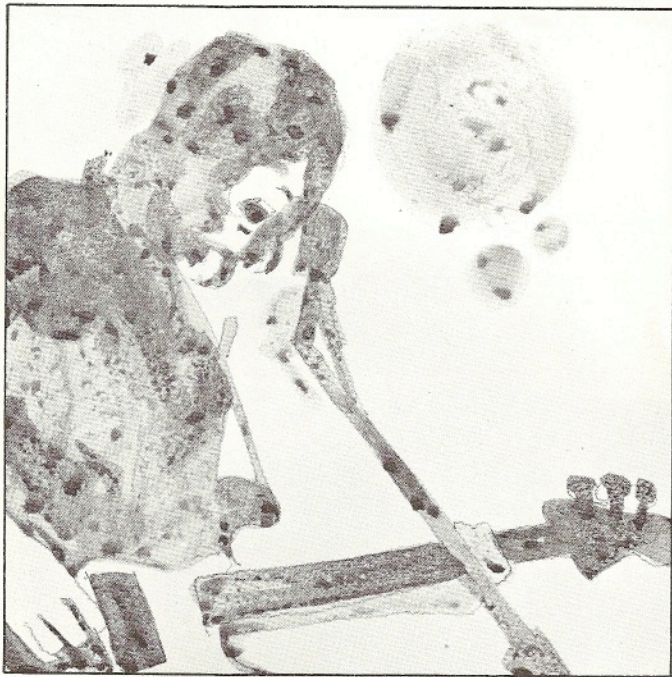
55 watts RMS minimum  
120 watts peak music power  
Tube circuitry  
Two 15" speakers

## Control head:

2 channels  
4 inputs  
Volume, treble, and bass controls  
Ultra hi and ultra lo switches

## Speaker enclosure:

Dual driver bass reflex vented enclosure  
Impedance selector switch (4 or 16 ohms)  
120 watts power handling capability per enclosure  
Dolly included



60 watts RMS minimum  
138 watts peak music power  
Tube circuitry  
One 15" speaker

**Control head:**

2 channels  
4 inputs  
Volume, treble, and bass controls  
Response selector switch  
Impedance matching transformer

**Speaker enclosure:**

Modified active ducted port design  
8 ohm impedance  
60 watts RMS power handling capability per enclosure  
Portaflex top cover  
Dolly included

30 watts RMS minimum  
70 watts peak music power  
Tube circuitry  
One 15" speaker

**Control head:**

2 channels  
4 inputs  
Volume, treble, and bass controls  
Ultra hi and ultra lo switches

**Speaker enclosure:**

Ducted port design  
8 ohm impedance  
60 watts RMS power handling capability per enclosure  
Portaflex top cover  
Dolly included

# B-15S



# B-15N



120 watts RMS minimum  
300 watts peak music power  
Solid state circuitry  
One 15" speaker

**Controls:**

2 channels  
4 inputs — hi and lo gain  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch  
Removable power module

**Speaker enclosure:**

Tuned bass reflex design  
8 ohm impedance  
120 watts RMS power handling capability

120 watts RMS minimum  
300 watts peak music power  
Solid state circuitry  
Four 10" speakers

**Controls:**

2 channels  
4 inputs — hi and lo gain  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch  
Removable power module

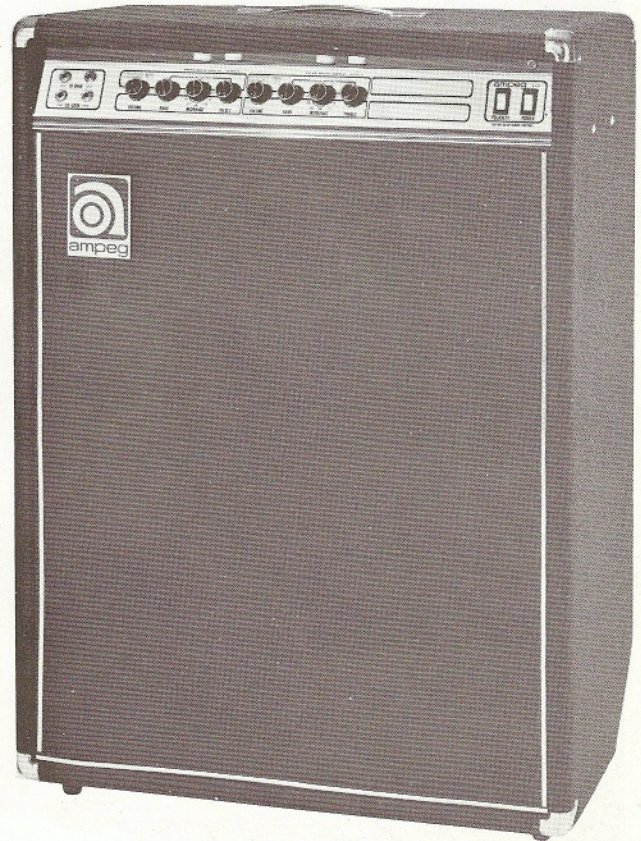
**Speaker enclosure:**

Infinite baffle totally sealed enclosure  
8 ohm impedance  
120 watts RMS power handling capability  
Mounted wheels

# B115



# B410



# V-4

100 watts RMS minimum  
260 watts peak music power  
Tube circuitry  
Eight 12" speakers

## Control head:

2 channels  
2 inputs  
Input sensitivity switch  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch/boost and cut positions  
Impedance matching transformer  
Reverb

## Speaker enclosure:

Infinite baffle totally sealed enclosures  
8 ohm impedance (4 ohms with Altec speakers)  
120 watts RMS power handling capability per enclosure  
Dollies included





# V-2

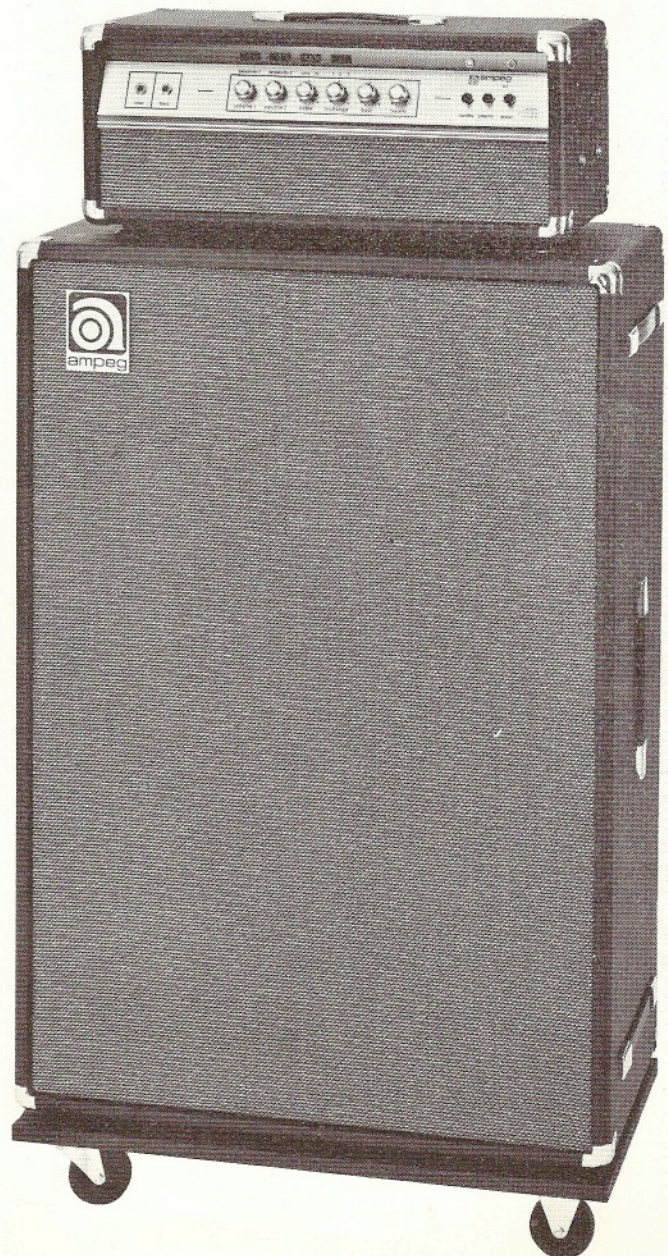
60 watts RMS minimum  
138 watts peak music power  
Tube circuitry  
Four 12" speakers

**Control head:**

2 channels  
2 inputs  
Input sensitivity switch  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch/boost and cut positions  
Impedance matching transformer  
Reverb

**Speaker enclosure:**

Multi-driver ducted reflex design  
8 ohm impedance (4 ohms with Altec speakers)  
120 watts RMS power handling capability per enclosure  
Dolly included



100 watts RMS minimum  
260 peak music power  
Tube circuitry  
Two 12" speakers

**Control head:**

2 channels  
2 inputs  
Input sensitivity switch  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch/boost and cut positions  
Impedance matching transformer  
Reverb

**Speaker enclosure:**

Open back design  
4 ohm impedance  
100 watts RMS power handling capability per enclosure

60 watts RMS minimum  
138 watts peak music power  
Tube circuitry  
Four 10" speakers

**Controls:**

2 channels  
2 input  
Input sensitivity switch  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch/boost and cut positions  
Reverb

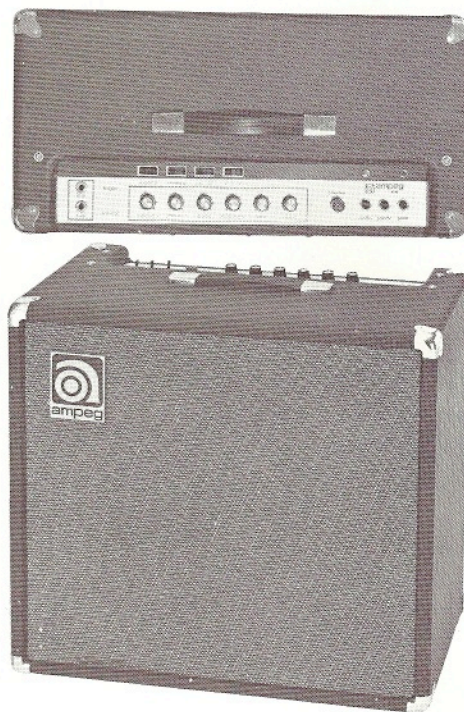
**Speaker enclosure:**

Open back design  
8 ohm impedance  
60 watts RMS power handling capability per enclosure

# VT-22



# VT-40



120 watts RMS minimum  
300 watts peak music power  
Solid state circuitry  
Two 12" speakers

**Controls:**

Two channels  
4 inputs — hi and lo gain  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch  
Removable power module  
Reverb  
Tremolo

**Speaker enclosure:**

Open back design  
8 ohm impedance  
120 watts RMS power handling capability per enclosure

120 watts RMS minimum  
300 watts peak music power  
Solid state circuitry  
G410—Four 10" speakers  
G412—Four 12" speakers

**Controls:**

Two channels  
4 inputs—hi and lo gain  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch / Removable power module  
Reverb / Tremolo

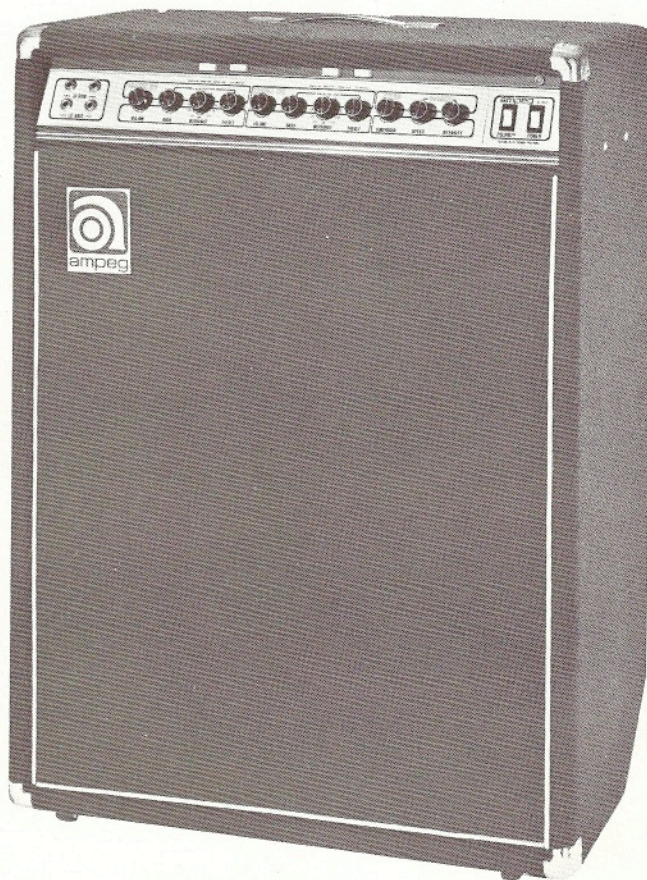
**Speaker enclosure:**

G410—Open back design  
G412—Infinite baffle totally sealed enclosure  
8 ohm impedance  
120 watts RMS power handling  
Mounted wheels

# G212



# G412/G410



# V-6B

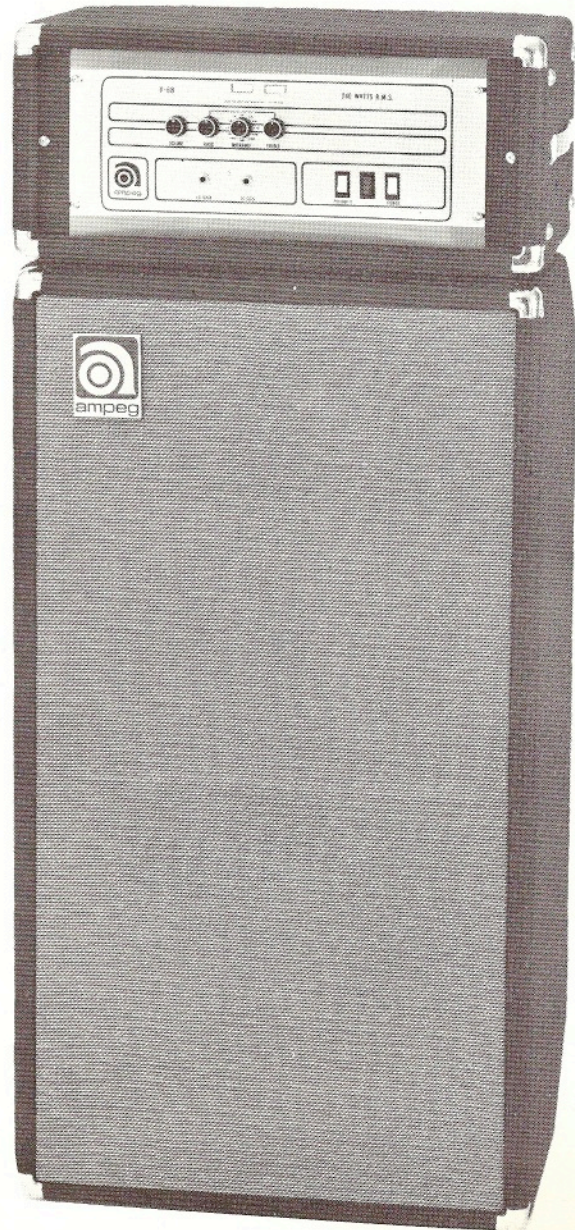
240 watts RMS minimum  
600 watts peak music power  
Solid state circuitry  
Two 15" speakers

## Control head:

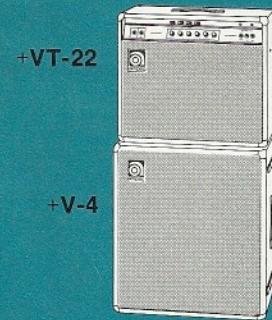
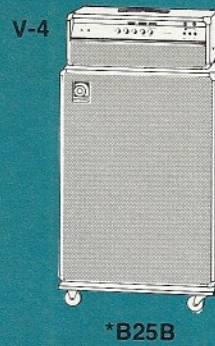
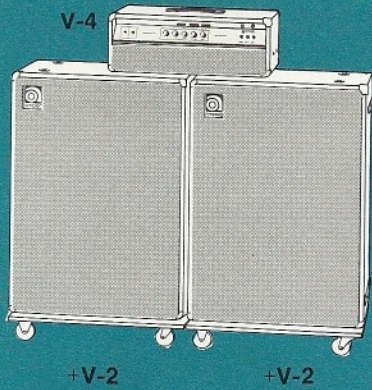
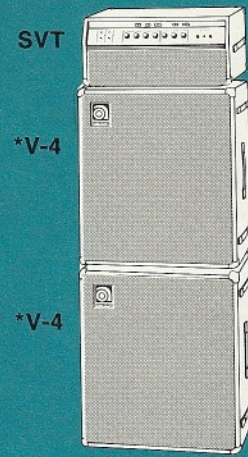
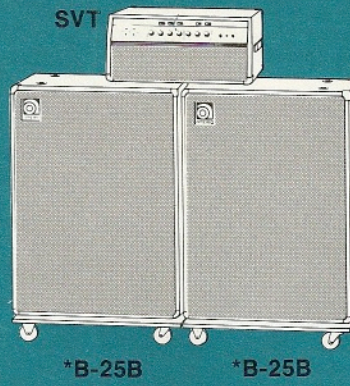
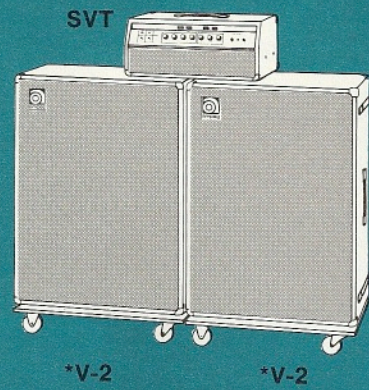
1 channel  
2 inputs, hi and lo gain  
Volume, treble, midrange and bass controls  
Selective midrange switch  
Ultra hi switch  
Removable power module  
Snap-in protective covers (front and back)

## Speaker enclosure:

Modified active ducted port design  
Impedance selector switch (4 or 16 ohms)  
240 watts RMS power handling capability  
Mounted wheels and bar handle

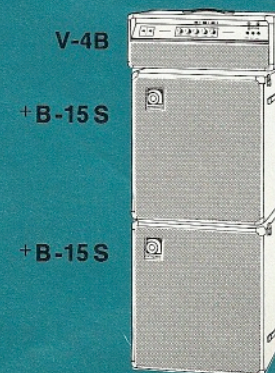
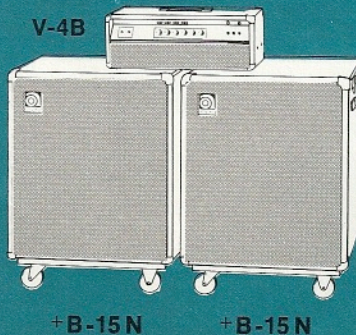
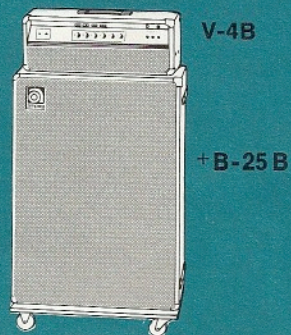
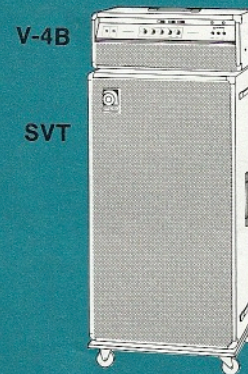
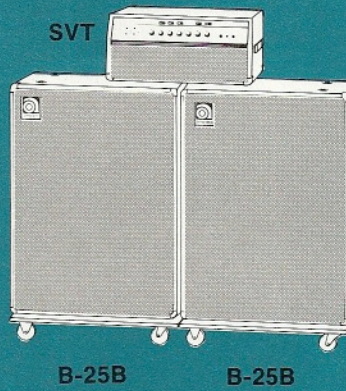
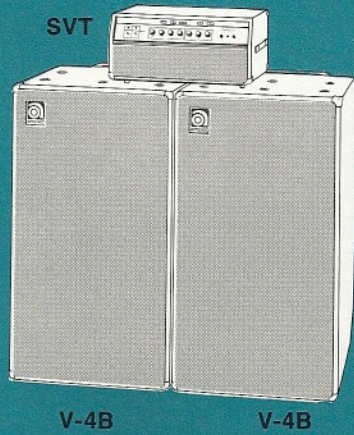


**Amplifier Speaker Combinations  
For Guitar Or Other Full Range Instruments**



+ Can add optional speakers  
\* Must add optional speakers

**Amplifier Speaker Combinations For Bass**



+ Can add optional speakers.

# look for these important ampeg features

## **Selective Midrange Equalization**

The midrange control in combination with a three position rocker switch is adjustable for three key frequency ranges: 300 hz, 800-1000 hz or 2500-3000 hz. Each frequency is adjustable for 20 dB of boost or attenuation. This midrange feature provides the flexibility to generate any sound: hard rock, jazz or country.

## **Input Sensitivity Switch**

Tailored overload can be obtained from either preamp or power amp at three settings: 0dB, -6dB, or -9dB. Any type of clean response or distortion is obtained through experimentation with this feature.

## **Tone Controls**

Complete tonal flexibility is available on all Ampeg amplifiers. Each control has a minimum of 12 dB of boost or attenuation for treble and bass controls.

## **Impedance Matching Transformer**

Adjustable output impedance is available for three commonly used settings: 2 ohms, 4 ohms or 8 ohms. Two speaker cabinet output jacks are provided for easy amplifier access in conjunction with the selector switch.

## **Extension Amplifier Jacks**

Most Ampeg amplifiers are provided with two extension amplifier jacks for tandem operation of several amplifiers and for electronic recording in studios.

## **Reliability**

Every Ampeg amplifier is tested extensively in our laboratories during design, on our assembly line during manufacture and through field testing by major performing artists. All units are approved by Underwriters' Laboratories (UL) and Canadian Standards Association (CSA). Twenty-four hour testing, prior to shipment, assures reliability of all solid state products.

## **Power Ratings**

Power ratings are given in both RMS and peak music power to fully describe amplifier capability. All ratings are minimum ratings, which in production are as much as 30% higher than advertised power.

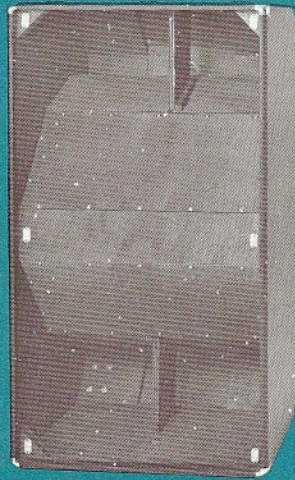
## **High Power Solid State Design**

Ampeg features power output modules which are fully interchangeable, and capable of the most severe usage. The solid state design includes open circuit, short circuit and load line protection, with no thermal cutout possible. A massive heat sink provides cool running operation for maximum reliability. Liberal use of Integrated Circuits (I.C.'s) and recording studio design techniques provides excellent signal-to-noise ratio, equalization, and frequency response.

V-4: four 12" speakers



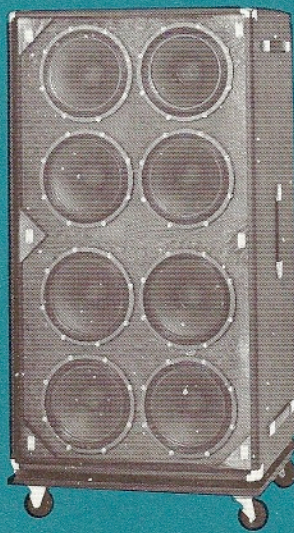
V-4B: two 15" Altec Lansing 421A speakers sealed in a tuned dual driver folded horn enclosure



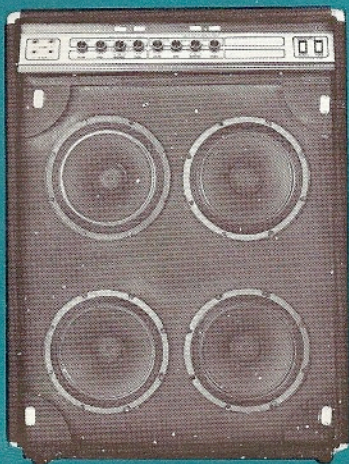
B-15S: one 15" speaker



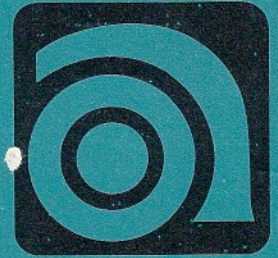
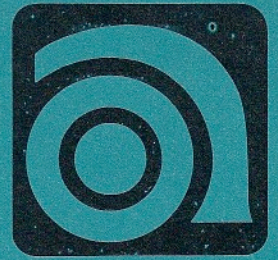
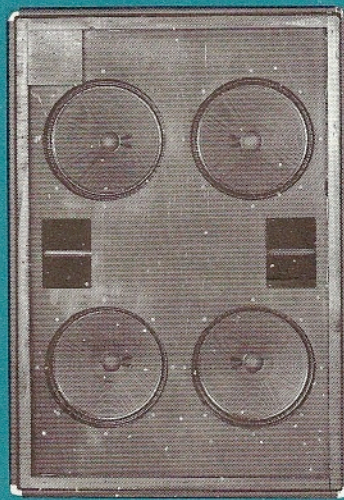
SVT: Eight 10" speakers in four sealed compartments



B410: Four 10" speakers



V-2: Four 12" speakers in ported bass reflex enclosure





Page	Hum Balance Control	Standby Switch	Polarity Switch	Reverb Lock	Extension Speaker Jack	Extension Amplifier Jacks	Cord Winder	A.C. Outlet	Altec Speakers (opt)	Weight (in Lbs.)	Width	Height	Depth
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5 BASS AMPS.

SVT	3	•	•	•	•	•	•	•	•	Head Cabinet 85 137	23 <sup>5</sup> / <sub>8</sub> 26	11 46 <sup>1</sup> / <sub>2</sub>	14 15 <sup>7</sup> / <sub>8</sub>
V-4B	4	•	•	•	•	•	•	•	•	Head Cabinet 60 157	26 <sup>5</sup> / <sub>8</sub> 26 <sup>5</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>4</sub> 48	11 <sup>1</sup> / <sub>8</sub> 23 <sup>7</sup> / <sub>8</sub>
B-25B	5	•	•	•	•	•	•	•	•	Head Cabinet 40 117	23 <sup>5</sup> / <sub>8</sub> 29	9 <sup>3</sup> / <sub>4</sub> 40	10 <sup>1</sup> / <sub>8</sub> 11 <sup>7</sup> / <sub>8</sub>
B-15S	6	•	•	•	•	•	•	•	•	110	23 <sup>7</sup> / <sub>8</sub>	26	15 <sup>5</sup> / <sub>8</sub>
B-15N	6	•	•	•	•	•	•	•	•	76	21	24	14
B115	7			•		•	•	•	•	85	27 <sup>1</sup> / <sub>4</sub>	28 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>
B410	7			•		•	•	•	•	108	27 <sup>1</sup> / <sub>4</sub>	36 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>
V-6B	12			•	•	•	•	•	•	Head Cabinet 53 118	10 <sup>7</sup> / <sub>8</sub> 44 <sup>1</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub> 24 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub> 15 <sup>1</sup> / <sub>4</sub>

2 GUITAR AMPS.

V-4	8	•	•	•	•	•	•	•	•	Head Cabinet 64 90	26 <sup>5</sup> / <sub>8</sub> 27	9 <sup>3</sup> / <sub>4</sub> 30	11 <sup>1</sup> / <sub>8</sub> 14
V-2	9	•	•	•	•	•	•	•	•	Head Cabinet 48 115	23 <sup>5</sup> / <sub>8</sub> 29	9 <sup>3</sup> / <sub>4</sub> 42	11 <sup>1</sup> / <sub>8</sub> 14
VT-22	10	•	•	•	•	•	•	•	•	88	26 <sup>5</sup> / <sub>8</sub>	23	11 <sup>1</sup> / <sub>8</sub>
VT-40	10	•	•	•	•	•	•	•	•	65	24 <sup>1</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>
G212	11			•	•	•	•	•	•	75	27 <sup>1</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>4</sub>
G412	11			•	•	•	•	•	•	118	27 <sup>1</sup> / <sub>4</sub>	36 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>
G410	11			•	•	•	•	•	•	110	27 <sup>1</sup> / <sub>4</sub>	36 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>

1-A120 Power Amp  
 2-BT-15C  
 1-ST-42L  
 1-B-18 CABINET  
 1-B-18X CABINET