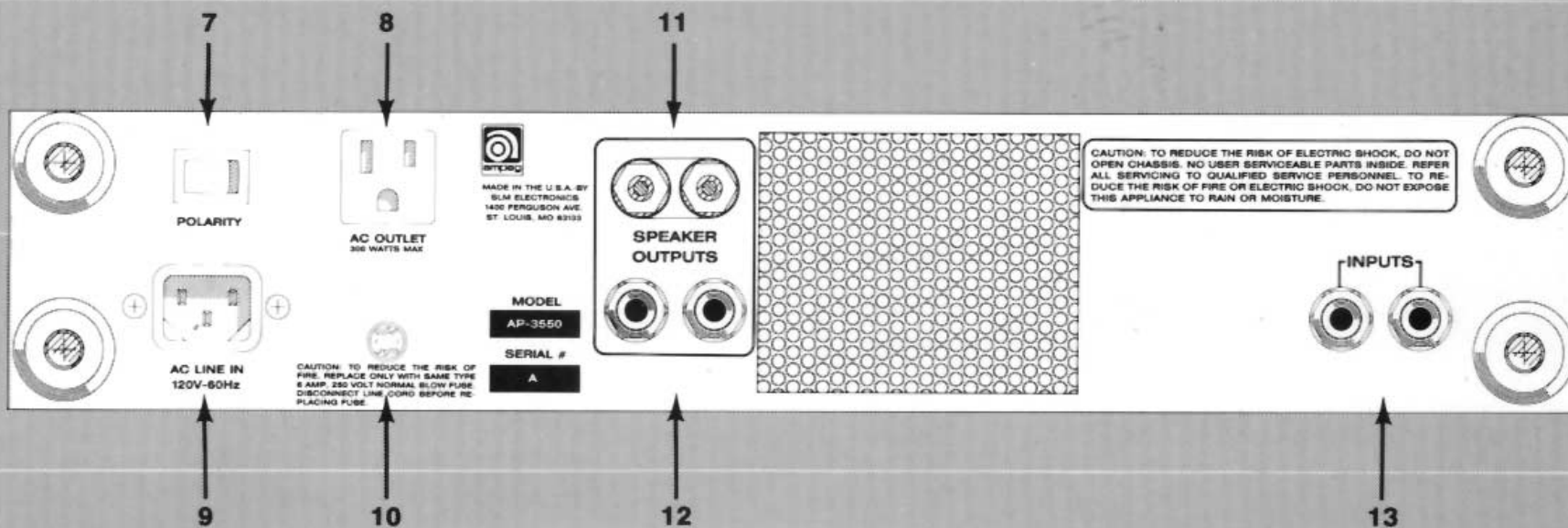
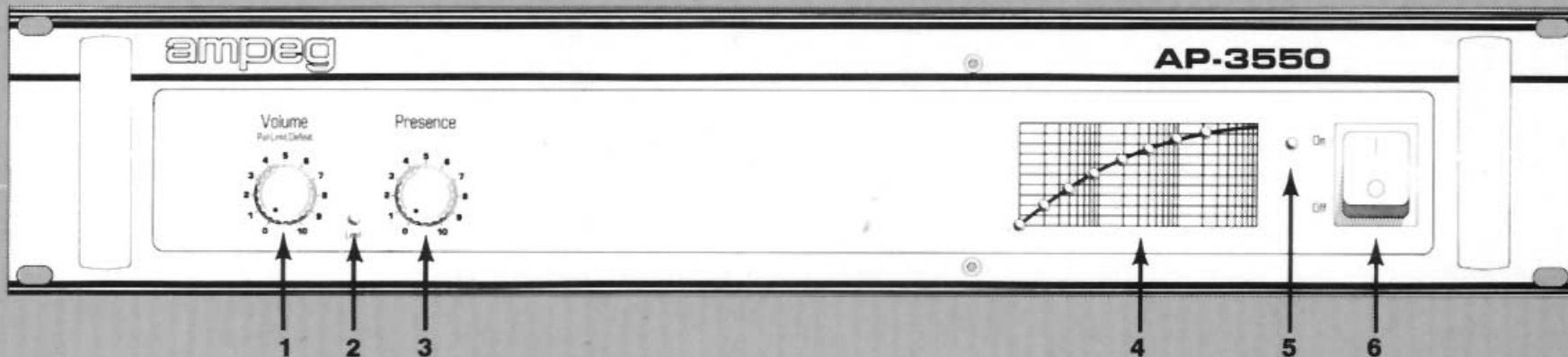




**AP-3550 Power Amplifier  
Owner's Reference Guide**



We would like to take this opportunity to thank you for selecting an Ampeg product, and to tell you of our commitment to the design and manufacture of only the finest musical instrument amplification equipment; built for you, the musician.

You have purchased one of the most innovative amplification devices available today. Your Ampeg power amp gives you more performance features than ever before; features that you, the musician, have asked for.

Your Ampeg amplifier is an American product, manufactured at our factory in St. Louis, Missouri. Only the finest available components and materials are used in the manufacture of each amp.

All Ampeg products are subjected to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amplifier is conducted by a trained musician; any unit that does

not meet the standards of our musician's discriminating ear will not be passed.

Since all Ampeg products are designed, developed, and manufactured through the cooperative efforts of engineers and professional musicians, the end result is a product that responds to the musician's audio requirements, and a product that will serve your needs for years to come.

### **Front Panel Features and Functions**

#### **1. Level/Pull Limit Defeat**

control sets the overall volume for the unit. The limiting circuitry is automatically on when the unit is in operation. Gently pulling this knob out turns the limiter off.

**2. Limit LED** indicates when the limiting circuitry is active.

**3. Presence** accentuates the high frequency response of the amplifier.

**4. Peak Indicator Ladder** indicates output signal level. The unit is at clipping level

when the top (red) LED is illuminated.

**5. Power LED** is lit when the unit is on.

**6. Power Switch** applies power to the unit.

### **Rear Panel Features**

**7. Polarity Switch** can be positioned for the least noise from the AC line.

**8. Convenience Outlet** provides power to auxiliary units up to a maximum of 300 watts.

**9. AC Line Cord Receptacle:** Attach supplied line cord here and connect to a properly grounded AC outlet.

**10. External Fuse Holder** contains a fuse which acts as a "safety valve" for the unit. If at any time the unit should fail to operate, check this fuse. If the problem persists, consult an authorized Ampeg service center.

**11. 5-Way Binding Posts** provide a convenient way of connecting speakers to the unit. This binding post consists of a red and a black

terminal, which will accept bare wire, dual banana plugs, and spade lugs, as well as certain types of test probes. These posts make for an excellent connection, with the current carrying capacity needed for high power applications.

**12. Speaker Jacks are paralleled 1/4"** unbalanced jacks supplying the output signal of the power amp.

**13. Input Jacks** accept standard 1/4" phone plugs and are suitable for any line level signal source. These can also be used to "daisy chain" the amp with other amplifiers. Simply connect the output from the source or previous amplifier into one jack, then run an output line from the other jack to the next amplifier.

Your AP-3550 is equipped with a 1/4-20 nut on the rear panel for additional support when rack mounted.

**CAUTION: DO NOT BLOCK SIDE OR FAN VENTS**

## TECHNICAL SPECIFICATIONS

<b>OUTPUT POWER RATING</b>	200 Watts RMS @ 5% THD 8 ohm load 120 VAC 350 Watts RMS @ 5% THD 4 ohm load 120 VAC
<b>SIGNAL TO NOISE RATIO</b>	75dB Typical
<b>POWER REQUIREMENTS</b>	Domestic: 6A, 100/120VAC, 60Hz Export: 3A, 220/240VAC, 50Hz
<b>GAIN</b>	24dB
<b>SIZE AND WEIGHT</b>	19" W x 3.5" H x 17" D Removable feet add .6" to the height 35 lbs.

Specifications subject to change without notice.

**CAUTION:** To reduce the risk of electric shock, do not open chassis. No user serviceable parts inside. Refer all servicing to qualified service personnel. To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**WARNING:** This amplifier is capable of producing sound pressure levels in excess of 110db SPL. Continued exposure to high sound pressure levels can cause permanent hearing impairment or loss. User caution is advised and ear protection is recommended when playing at high volumes. The U.S. government has specified acceptable noise exposure levels. Refer to these guidelines for allowable exposure times.