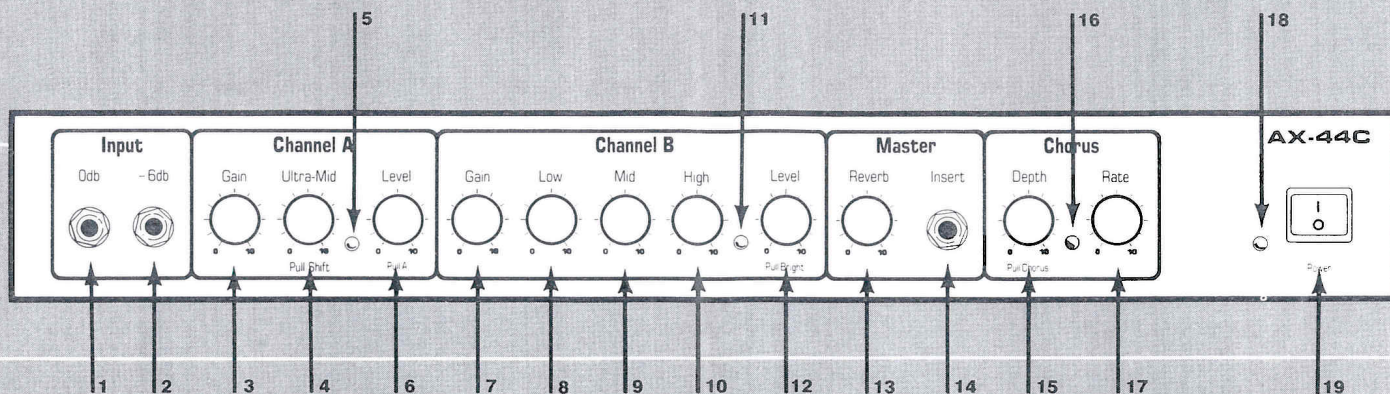


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Ampeg is a product of SLM Electronics
1400 Ferguson Ave. St. Louis, MO 63133
U.S.A.



**AX-44C Guitar Amplifier
Owner's Reference Guide**



Features and Functions

Your Ampeg AX-44C features tube preamp circuitry which delivers all the subtlety expected of a tube

Front Panel Input Jacks

0dB (1) Use this input for most guitars; always use this input when you want maximum gain and sustain.

affect the sound.

Level/Pull A (6) The Level control has two functions. It is both the Channel A master volume control, and the manual channel selector

Channel B Indicator LED

(11) When this light is on, you are in Channel B and only the Channel B controls will affect the sound.

Level/Pull Bright (12)

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 sound amplification

devices available today. Your Ampeg amplifier gives you more performance features than ever before; features that you, the musician, have asked for.

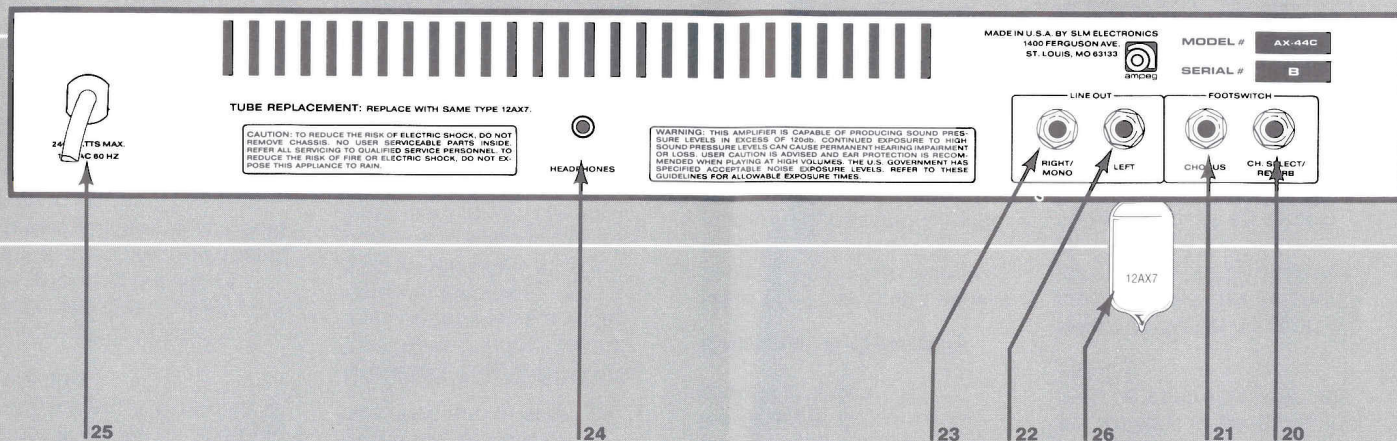
Your Ampeg amplifier is an American product, manufactured at our factory in St. Louis, Missouri. Only the finest available components and

materials are used in the manufacture of each amplifier.

All Ampeg amplifiers are subjected to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amp is conducted by a trained musician with the instrument for which the amp was designed. 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 will serve your needs for years to come.



the Depth control, and can be defeated by gently pushing in the control. The chorus effect can also be turned on and off by using an external footswitch, in which case the Pull Chorus function of the Depth control is automatically disconnected. The yellow indicator LED shows that the chorus effect is activated. The Rate control (17) sets the rate of chorusing.

Power Indicator LED (18)
Power Switch (19) The amplifier and the Power Indicator LED should be "on" when the "1" marked on the Power Switch is depressed.

Rear Panel

Channel/Reverb Footswitch Jack (20) A footswitch may be plugged into this jack, allowing channel selection and reverb on/off control. Plugging in a

footswitch automatically disconnects the Pull Channel A switch (6).

Chorus Footswitch Jack (21) A footswitch may be plugged into this jack, allowing remote selection of chorus effect on/off. Plugging in a footswitch here automatically disconnects the Pull Chorus On switch (15).

Line Out Jacks (22 & 23) The preamp output signals are available at these jacks. Plugging into these jacks will not interrupt the signal to the power amp, allowing these outputs to be used for recording, etc. The Left (Chorus) Output jack (22) carries the "chorus" signal. The Right/Mono Output jack serves two functions. When used in conjunction with the Left (Chorus) Output jack, it carries the chorus "dry"

signal; when used by itself, the Right/Mono Output jack carries a mono mix of both "chorus" and "dry" signals.

Headphones Jack (24) Unpowered headphones may be plugged into this jack. Plugging headphones into this jack disconnects the internal speakers so the output of the amplifier will be heard only through the headphones.

Power Cord (25) Your AX-44C is shipped connected for standard 120volt 60Hz power. Be certain it is plugged into a properly wired, grounded (three pin) power outlet before use. **TO REDUCE THE RISK OF ELECTRIC SHOCK, NEVER BREAK OFF OR OTHERWISE DEFEAT THE GROUND PIN ON THE POWER CORD.**

Preamp Tube (26) Your new tube amplifier has been designed in such a way that enables you to perform tube replacement, avoiding a trip to your local service center. Replace with same type tube, such as the Ampeg "Hot Rods" 12AX7 tube. Depending on amp usage, the tube should be replaced every four to five years. (Heavy use will require a more frequent tube change). Typically, a loss in high frequencies and/or gain will indicate that tube replacement is necessary.

TECHNICAL SPECIFICATIONS

OUTPUT POWER RATING	22 watts/channel RMS @ 8% THD 4 ohm load 120VAC	
SPEAKER SIZE AND RATING	Two 8" 4 ohm 30 watt AMPEG Custom Design (AX-44CA) Two 8" 4 ohm 35 watt G8L-35 Celestion (AX-44C)	
tone Control Range		
CHANNEL A	ULTRA-MID (SHIFT)	22db @ 1kHz 18db @ 500 Hz
CHANNEL B	LOW MID HIGH BRIGHT	100 Hz 12db @ 600Hz 23db @ 6kHz 6db @ 7kHz
INPUT IMPEDANCE	0db -6db	220k ohms 44k ohms
MAXIMUM INPUT SIGNAL	0db -6db	4 volts peak to peak 8 volts peak to peak
TOTAL SYSTEM GAIN	CHA CHB	100db max @ 1kHz 75db max @ 1kHz
SIGNAL TO NOISE RATIO	CHA CHB	43db (volume, gain, and tones @ 10) 54db (volume, gain, and tones @ 10; bright switch off)
POWER REQUIREMENTS	3A 120VAC 60Hz 300 watts max	
SIZE AND WEIGHT	17"H x 20.5"W x 9"D 35 lb	

CAUTION: to reduce the risk of electric shock, do not remove chassis. No user serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION: This amplifier is capable of producing high sound pressure levels (high volume). 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.

amplifier. The unit also has two independent, selectable channels. Channel A is specially voiced for overdriven sound, from medium dirty to screaming lead and heavy rhythm. To select Channel A, gently pull out on the Channel A Level control (6). The red indicator light under the Channel A controls will be lit, and only the Channel A controls will be active.

Channel B is voiced for traditional clean sound, with the added capability of light-to-medium dirty sound. To select Channel B, gently push in on the Channel A Level control (6). The green indicator LED under the Channel B controls will be illuminated, and only the Channel B controls will be active.

Channel switching may also be accomplished with an external footswitch plugged into the Footswitch jack (20) on the rear panel. Whenever a footswitch is used, the front panel switch is automatically disconnected.

-6dB (2) This input is attenuated 6db (reduced to half) relative to High (1) for very clean sound. This input is recommended if your guitar has high output pickups.

Channel A Controls

Gain (3) Use this control to adjust the amount of overdrive and sustain.

Ultra-Mid/Pull Shift (4) As the Channel A Mid control, this control allows a wide range of tonalities, from heavy rock when turned down, to singing lead tones when set higher. The Ultra-Mid control also incorporates a frequency "Shift" function which, when pulled, shifts the frequency centerpoint of the control slightly downward. It should be noted that the "Mid-Shift" is most prominent when the "Mid" control is at "0", and is more subtle when the "Mid" control is near "10."

Channel A Indicator LED (5) When this light is on, you are in Channel A; and only the Channel A controls will

switch. To select Channel A, gently pull out the knob; to select Channel B, gently push in the Knob. The switch function is disconnected automatically when a footswitch is plugged into the Footswitch jack (20).

Channel A Indicator LED (5) When this light is on, you are in Channel A; and only the Channel A controls will affect the sound.

Channel B Controls

Gain (7) This control allows settings from very clean to medium overdrive. For loudest clean sound, turn the Channel B Level control to full, and use Gain as a volume control.

Low (8) Channel B bass control. This is a post-gain, passive type circuit.

Mid (9) Channel B midrange control. This is also a post-gain, passive type tone control.

High (10) Channel B treble control. This is a post-gain, passive tone control.

Channel B master volume control and bright switch. To activate Bright, pull out knob gently. Press in knob to turn off Bright. You may want to try combining Bright "on" with reduced settings of High (10) for a different sound.

Master Controls

Reverb (13) The amount of reverb sent to each channel may be controlled with this knob.

Insert Jack (14) A stereo "Y" type cord may be patched into the AX-44C through this jack, offering the convenience of an effects loop. The ring of the plug will be the line in; the tip will be the line out; and the sleeve will act as ground between the two.

Chorus Controls

Depth (15), Rate (17), and Indicator Light (16) Chorus may be used on both channels of the AX-44C. Any amount of chorus depth may be set by the Depth control (15). The chorus effect may be turned on by gently pulling