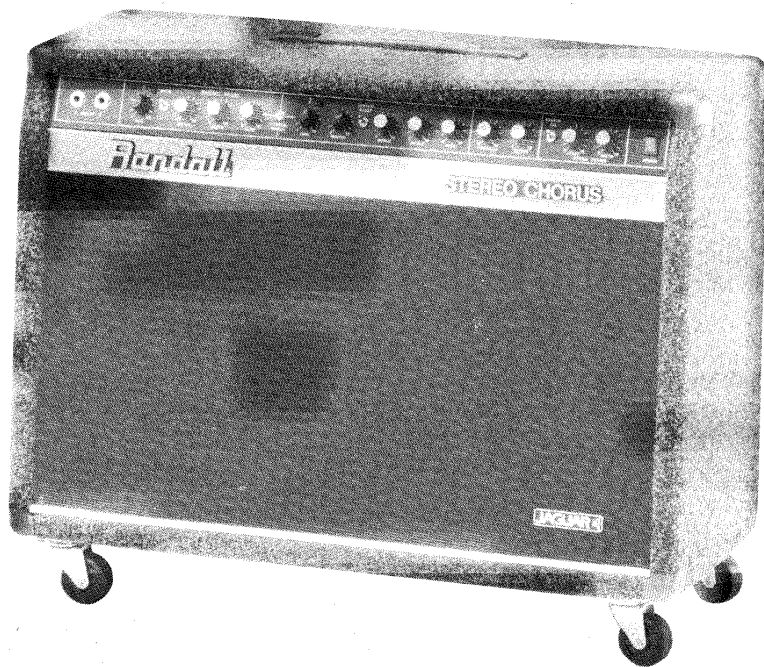
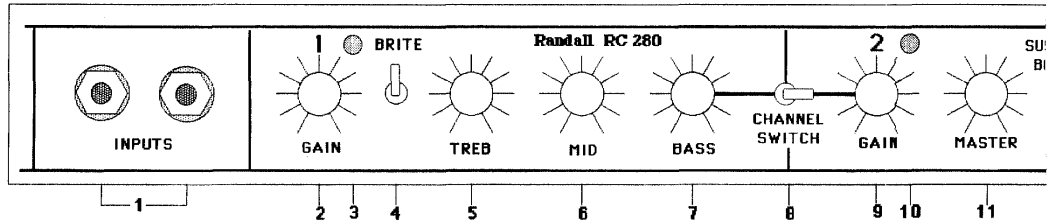


Randall

RC 280 OWNER'S MANUAL





1
Input "1" can be used with most musical instruments. The gain characteristic of this input is 6 db higher than input "2". Input "2" is provided to accommodate those electrical instruments whose input signal is so high as to cause an overload when plugged into input "1". Input "1" and "2" are fed to both channels.

2 Gain
This gain control sets the volume of the #1 channel. The gain control is active and very linear in its output level. A setting of 2 to 4 is a good initial setting.

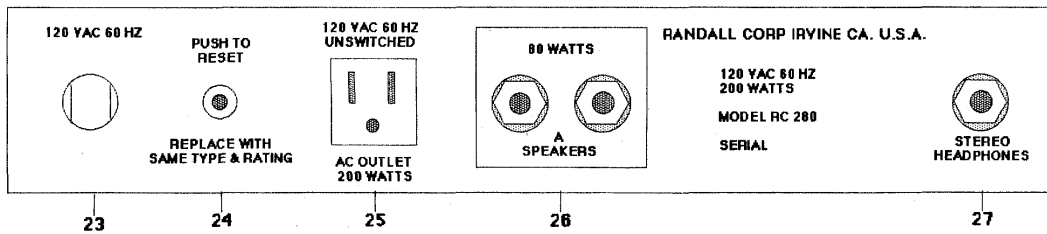
3,10
The "Red" and "Green" LEDs indicate which channel is in operation (can be operated with footswitch).

4
The bright switch, when activated, will boost the level of the hi frequency response. This is the most noticeable when using the preamplifier in the clean settings.

5,6,7,13,14,15
Each channel has four tone controls, each allowing maximum control of the portion of the tone spectrum for which they are designed. Since no one can determine exactly what sound will be desired in any given situation, it is best to experiment with the tone controls until the desired response is achieved.

8 Channel Switch
This channel switch when activated to the channel 1 position will enable you to use channel 1. The green LED (#3) will be lit. Channel 1 is the clean channel. The channel switch must be in the channel 2 position when using the footswitch to switch between channels. Channel 2 is the overdrive channel.

9,11
To achieve a clean, non-distorted sound, the master volume control should be set at the full "on" position or at 10 on the dial. The volume level of the preamplifier is then controlled by the gain control on the channel in use. To achieve a sustain distortion sound, the following control settings should be used: Select the channel to be used and set its gain control at the full "on" position, 10 on the dial. The volume level of the amplifier is now controlled by the master volume control.



23
AC Line Cord
To be connected to any external power source capable of supplying 115-125 VAC at 50/60 hz, draws approximately 200 watts. Use grounded AC receptacle only.

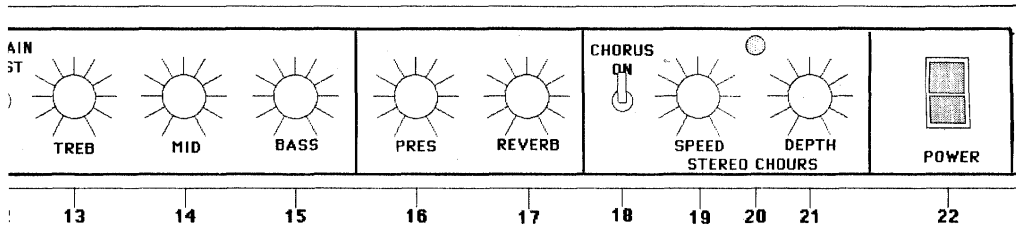
24
Circuit Breaker
The circuit breaker is actually a mechanical fuse and protects the amplifier from extreme overload conditions. If amplifier turns off because of overload, pushing on the red circuit breaker button will reset. If circuit breaker cannot be reset, or continues to trip, it is an indication of trouble and should be investigated by a qualified technician.

25
AC Outlet
This can be used to supply an additional piece of equipment

requiring 115-125 VAC at 50/60 hz, 200 watts. This outlet is not switched.

26,30
Speaker Output Jacks
Use to connect the internal speaker of the amplifier or external speakers as required. Less than 4 ohm load impedance is not recommend. Do not forget to plug the speakers back in when headphones are not in use.

27
Stereo Headphones
This jack is provided for use with high impedance stereo headphones (25 to 50 ohms). To defeat the speakers you must pull the speaker plugs from jacks.



Different levels of distortion can be attained by experimenting with the blend between the master volume control and the channel volume control. As an example, a setting of 2 on the master volume control and 10 on the channel volume control will produce more distortion than a setting of 4 on the master volume control and 6 on the channel volume control. (There will be no sound if master controls are turned off)

12
The sustain boost switch, when activated, will add more sustain with little change in overall volume.

16
Presence Control:
This control operates in the audio spectrum higher than the treble control and adds the very sparkling, or tingling touch to the sound that provides that extra dimension to the response. It is effective on either channel.

17
Reverb Control:
The reverb control allows total control of the amount of reverb introduced to the signal. Experimentation will produce the exact amount of reverb desired. The reverb can be operated with a footswitch.

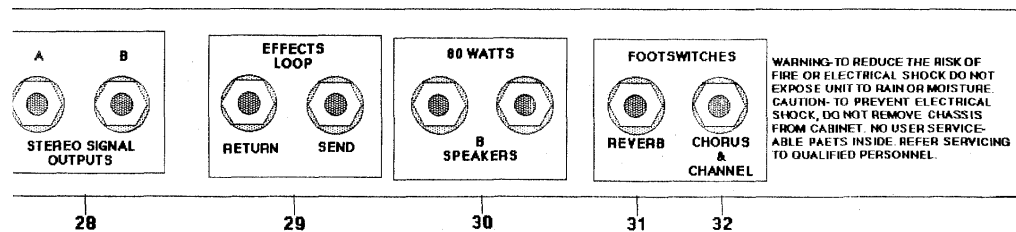
18
Chorus on/off switch, when activated, will activate the stereo chorus. The Chorus on/off switch must be activated when using the footswitch for chorus operation.

19
The Stereo Chorus Speed Control controls the frequency of the LFO Modulation Oscillator.

20
The LED between the Speed and Depth controls indicate the Stereo Chorus is in operation.

21
The depth controls the amount of stereo chorus, 10 is maximum.

22
Power Switch
The power switch provides a means of turning the amplifier on. The pilot light is activated when the amplifier is turned on.



28
Signal Outputs
The signal output jacks provide an output signal for driving additional amplifiers, or for driving a tape recorder for recording directly from the amplifier and eliminating the need to mic the speakers.
Any amplifier mixer or tape recorder can be connected to the pre-amp output jacks, as long as it will accept a 0 to 2 volt RMS signal and has an input impedance of at least 600 ohms.

29
Effects Jack
The jack "effects send" should be connected to the input of the effects unit. The jack labeled "effects return" should be connected to the output of the effects unit. The effects buss is prepower amplifier and post preamplifier.

31
Reverb Footswitch Jack
This jack provides a connection for the reverb footswitch which is used to turn the reverb on or off after the amount of reverb is preset by the reverb control on the front panel. It is not necessary to use the footswitch unless it is desired to be able to turn on and off at will.

32
Footswitch Jack
Using a Randall FS-7 footswitch will facilitate the switching of both the stereo chorus and the normal and overdrive channels from a remote location.

WARNING: TO PREVENT FIRE OR SHOCK
HAZARD DO NOT EXPOSE THIS APPLIANCE TO
RAIN OR MOISTURE

CAUTION: TO PREVENT ELECTRICAL SHOCK
DO NOT REMOVE BACK OR CHASSIS. NO USER
SERVICEABLE PARTS INSIDE. REFER
SERVICING TO QUALIFIED SERVICE
PERSONNEL.

Randall

RANDALL ELECTRONICS, INC.

1132 DURYEА, IRVINE, CA 92714-5582