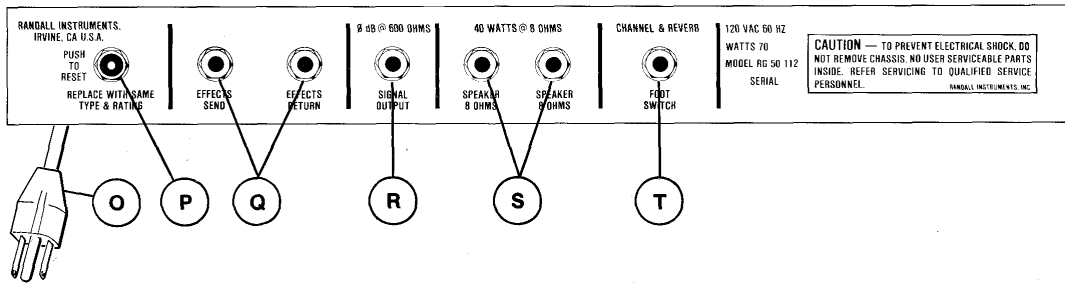


Randall

RG50-112 OWNER'S MANUAL



BACK PANEL



O 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 at amplifier's full output.

P 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.

Q Effects Jacks

The jack labeled "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 loop is pre power amplifier and post pre amplifier.

R "Signal Output" Jack

The pre amp output jack provides an output signal for driving additional amps, tape recorder, line or for recording directly from the amplifier, eliminating the need to mike the speakers. This jack is not a speaker output and should never be used as one.

S Speaker Output Jacks

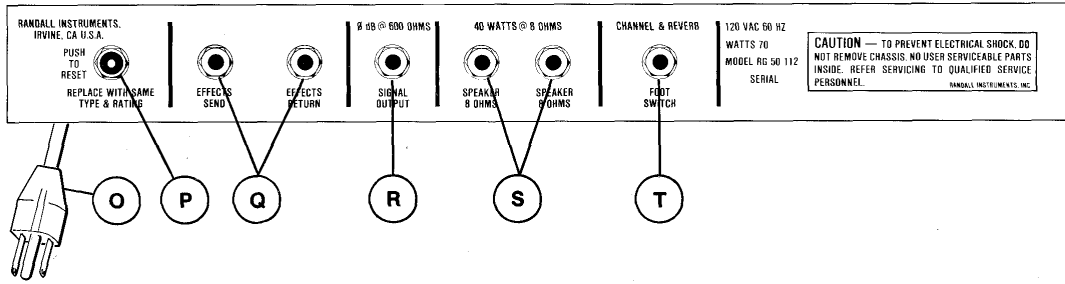
Use to connect the internal speaker of the amplifier or external speakers as required. Less than 8 ohm impedance each speaker not recommended.

T Channel and Reverb Footswitch

Using a Randall FS-7 footswitch at this jack will enable the user to switch between the "Normal" and "Overdrive" channels. Also the FS-7 footswitch provides a means of switching on and off the reverb from a preset level on the front panel.

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

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The Randall RG50-112 is a channel switching guitar amplifier with features beyond its price range. The channel switching is accomplished by either the pull switch (pull overdrive) or the footswitch.

The front panel LEDs indicate which "Gain" and "Level" controls are in use.

The unique circuit features all discrete FET's in the preamplifier stages and a "Constant Current" (very low damping factor) power amplifier. These are the features that make this amplifier sound better than a "Tube" amplifier. The tone controls- Treble, Middle, Bass and Presence are the same design found in the very expensive tube amplifiers. The reverb pan is the large (17") multi spring type and can be controlled by the front panel control and footswitch. The rear panel features include "Effect Send" jack, "Effects Return" jack, "Signal Output" jack, two "Speaker" jacks, and a footswitch jack for "Channel and Reverb" switching.

The RG50-112 delivers a powerful 50 watts to the new 12" 'jaguar' speaker.

This new speaker was 3 years in the making; and has proven worth the wait.

SPECIFICATIONS

POWER OUTPUT	50 watts RMS @ 4 ohms @ 2% THD 40 watts RMS @ 8 ohms @ 2% THD
NUMBER OF CHANNELS	Two, each channel is driven from common input jacks.
MINIMUM INPUT SIGNAL FOR RATED OUTPUT	.5 mV @ 3K Hz Overdrive Channel 80 mV @ 3K Normal Channel
TONE CONTROLS	All tone controls set at 5 Bass Swing @ 50 Hz, 15 dB Mid Swing @ 600 Hz, 10 dB Treb Swing @ 3K Hz, 12 dB Presence Swing @ 10K Hz 15 dB Presence Swing @ 15K Hz 18 dB
NOISE	All tone controls @ 10 Volume @ 0 Master @ 10, 65 dB
EFFECTS LOOP	Send 1.5 V max, return 400K ohms
SIGNAL OUTPUT	0 dB @ 600 ohms
INPUT IMPEDANCE	1 Meg, Hi +6 dB. 130K ohm Lo 0 dB
POWER AMPLIFIER DAMPING FACTOR	2-4 @ 8 ohms
AC LINE VOLTAGE FOR RATED OUTPUT	120 VAC
WEIGHT	42 Lb.
SIZE	16½" H x 19¼" W x 10" D