Randall

RG 35-112 OWNER'S MANUAL



MPUTS O O GAM	OWE OWE	MASTER	TREBLE	MEDDLE	BASS PRESENCE	e nevers	FRG 35-1
(A) (B) (C)	(D) (E)	F	G	H	1 0	(K)	(L)
120 VAC 60 HZ SO WATTS IRYINE CA. I MODEL R REPLACE INTERNAL FUSE WITH SAME TYPE & RATING	U.S.A. NG 35	SIGNAL	EFFECTS SEND	EFFECTS RETURN	FOOTSWITCH	CAUTIONTO P DONOT REMOVE ABLE PARTS INS QUALIFIED SERV	CHASSIS, NO U
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(A) HIGH GAIN +6dB INPUT

This input accommodates most musical instruments. The gain characteristic of this input is 6dB higher than the low gain input.

B LOW GAIN -0dB INPUT

This input is provided to accommodate electric instruments whose input signal would be high enough to exceed the input capability of the normal input thereby causing "front end" distortion.

(C) NORMAL GAIN

The normal gain control is used exclusively to control the volume when slide switch ${\bf D}$ is in the normal position. This control must be turned up to a desired level when the slide switch is in the overdrive position. If this is not done the result will be no sound.

DSLIDE SWITCH - CHANNEL SELECTOR

The slide switch selects either the normal channel (for distortion free sound) or the overdrive channel for distortion and sustain. This <u>switch must be in the normal position</u> when using the footswitch to select channels.

EFOVERDRIVE GAIN and MASTER CONTROLS

The setting of the overdrive gain control determines the amount of distortion while the master control determines the volume. Volume is also controlled by the normal gain control. As a starting point the normal gain control should be set at approximately "3" on the dial, then use the overdrive master control to regulate the volume.

G TREBLE CONTROL (1) MIDDLE CONTROL

These controls provide a high degree of tone variation. Initially set all tone controls to mid range and then adjust each until the desired sound is obtained.

J PRESENCE CONTROL

This control is effective in the higher frequency range and adds a sparkling or brilliance to the sound providing an extra dimension to the response.

K REVERB CONTROL

The setting of this control determines the amount of reverb introduced into the signal. The reverb may be turned on or off by means of the footswitch. If the reverb control is turned off the footswitch will be ineffective.

POWER LECTRICAL SHOCK, NO USER SERVICE-

Randall

(L) ON-OFF SWITCH - PILOT LIGHT

This switch turns the amplifier on and off. The power on position is indicated by a built in pilot light.

(M) AC LINE CORD

The AC line cord connects the amplifier to any external power source capable of supplying 115-125 VAC @ 50/60 Hz. Power consumption will average approximately 50 watts.

(N) SPEAKER OUTPUT JACK

The speaker output jack is provided to connect an external speaker to the amplifier. Less than 8 ohm load is not recommended.

(O) SIGNAL OUTPUT JACK

This jack will provide a signal of approximately 0 dB level for driving an additional amplifier, tape recorder, line, or for recording directly from the amplifier, eliminating the need to mike the speakers. This jack should never be used to connect another speaker.

P EFFECTS SEND EFFECTS RETURN JACKS

The jack marked "effects send" should be connected to the input of the effects unit. The jack marked "effects return" should be connected to the output of the effects unit. The effects loop is pre power amplifier and post pre amplifier.

R FOOTSWITCH JACK

Using a Randall FS-7 footswitch connected to this jack will facilitate the switching of both the reverb and the normal and overdrive channels from a remote location.

This amplifier is internally fused. Should it become inoperative, take it to a competent service man for inspection and possible fuse replacement. If replacing the fuse does not correct the problem, return the amplifier to the nearest Randall dealer for possible warranty service.

WARNING: HAZZARD

To prevent a possible fire or shock do not allow this appliance to become exposed to rain or moisture or any kind and do not attempt to operate with wet hands or feet.

This product is produced with the highest quality components and strict attention to workmanship. With proper care and maintenance it will provide long and outstanding service.

The Randall RG 35-112 is a channel switching amplifier with outstanding characteristics for its price class. It will provide an extremely loud, clean sound which can be instantly switched to a gutsy, resonant distortion, free from the often heard raspy distortion of many other competitive amplifiers. The tone controls are very effective and provide a wide range of tone variation. The reverb is particularly brilliant and adds that "big sound" to any type of playing. The RG 35-112 provides jacks for connecting external effects and also a jack which supplies a 0dB signal for driving other amplifiers or feeding a line. It is truly a veratile amplifier and if cared for properly will give long and trouble free service.

SPECIFICATIONS

POWER OUTPUT

20 WATTS RMS @ 4 OHMS @ 5% THD

CHANNELS

TWO, EACH DRIVEN FROM COMMON INPUT JACKS

MINIMUM INPUT SIGNAL FOR RATED OUTPUT

1mV @ 3KHz OVERDRIVE CHANNEL 80 mV @ 3KHz NORMAL CHANNEL

TONE CONTROLS

ALL TONE CONTROLS SET AT 5

BASS SWING @ 50 Hz, 15 dB

MID SWING @ 600 Hz, 10 dB

TREBLE SWING @ 10 KHz, 12dB

PRESENCE SWING @ 10 KHz, 15

PRESENCE SWING @ 15 KHz, 18

NOISE

ALL TONE CONTROLS @ 10 NORMAL GAIN @ 0, MASTER @ ·

EFFECTS LOOP

SEND 1.5V MAX, RETURN 22K OHMS

SIGNAL OUTPUT

0 dB @ 600 OHMS

INPUT IMPEDANCE

1 MEG @ HI+6 dB, 130K OHMS @ LO 0dB

POWER AMPLIFIER DAMPING FACTOR

2 - 4 @ 8 OHMS

AC LINE VOLTAGE FOR RATED OUTPUT

120 VAC 60 Hz

SIZE

16" H X 19 1/4" W X 10" D

WEIGHT

41 LBS