

U.S. MUSIC / RANDALL AMPLIFIERS

U.S.A.

WARNING: HAZARD

To prevent a possible fire or shock do not allow this appliance to become exposed to rain or moisture of 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.

SPECIFICATIONS

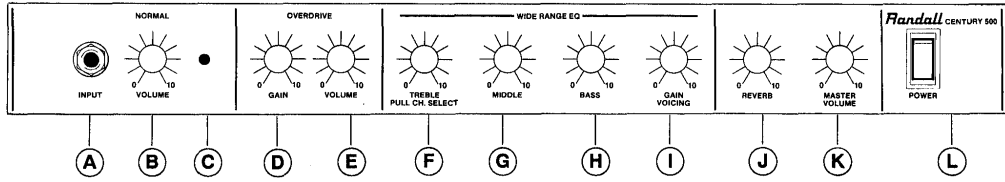
CHANNELS	Two, each driven from common input jacks
MINIMUM INPUT SIGNAL	1mV @ 3KHz overdrive channel
FOR RATED OUTPUT	80 mV @ 3KHz normal channel
ALL TONE CONTROLS	All tone controls set at 5
BASE SWING @ 50 Hz, 15 dB	
MID SWING @ 600 Hz, 10 dB	
TREBLE SWING @ 10 KHz, 12 dB	
GAIN VOICING @ 1KHz, 12dB	
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 0 dB
POWER AMPLIFIER	
DAMPING FACTOR	2-4 @ 8 ohms
POWER OUTPUT	50 Watts R.M.S. @ 8 ohms
C-500/C-170	80 Watts R.M.S. @ 4 ohms
POWER OUTPUT	80 Watts R.M.S. @ 8 ohms
C-1000	120 Watts R.M.S. @ 4 ohms

Randall

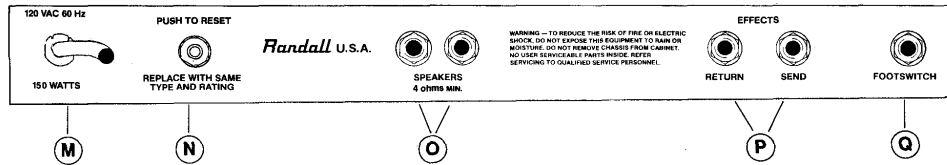
CENTURY-1000/170 OWNER'S MANUAL

The Randall Century 1000, 500 and 170 Head are channel switching amplifiers with outstanding characteristics. They will provide a clear crisp tone which can be instantly switched to a fully sustained distortion. A special "GAIN VOICING" control in the overdrive channel allows these amplifiers to create some of the most up to date distortion sounds. The tone controls are very effective and provide a wide range of variation. The reverb is particularly brilliant and adds dimension to any type of playing style. Jacks are provided for external effects and for driving other amplifiers or feeding a line. These are truly versatile amplifiers and if cared for properly will give long and trouble free service.

NOTE* Controls read left to right on Model C-170



- (A) INSTRUMENT INPUT**
Accommodates most instruments but is primarily intended for electric guitar.
- (B) NORMAL VOLUME**
Used exclusively to control the volume of the Normal channel when pull switch "F" is in the pulled out position.
- (C) STATUS LED INDICATOR**
Will illuminate green when NORMAL channel is selected and red when OVERDRIVE channel is selected.
- (D) OVERDRIVE GAIN**
Determines the amount of distortion and sustain for the overdrive channel.
- (E) OVERDRIVE VOLUME**
Controls the volume level of the overdrive channel. This control is wired pre-effects loop and will effect the signal strength ahead of any external effects processors.
- (F) TREBLE, MIDDLE and BASS CONTROLS** **(G) (H)**
These controls provide a high degree of tonal variation. Initially set these controls half way up then adjust until the desired sound is obtained. **NOTE*** The TREBLE control is equipped with a pull switch for channel selection. This switch must be pushed in when using the footswitch to select channels.
- (I) GAIN VOICING**
Allows for the adjustment of a midrange notch at a specified frequency. The notch becomes deeper as the control is turned clockwise. The control effects the OVERDRIVE channel only.
- (J) REVERB**
Determines the amount of reverb introduced into the signal. The reverb may be turned off with the front panel control or by an external footswitch. The reverb is effective on both channels.
- (K) MASTER VOLUME**
This control effects both channels and is wired after the effects loop. It may be used to reduce the overall volume level of the amplifier or to reduce noise caused by external effects processors. This is especially useful in the studio or for low level practicing.
- (L) ON-OFF SWITCH-PILOT LIGHT**
Used to turn the amplifier on and off. The switch will illuminate in the "on" position.



- (M) AC LINE CORD**
The AC line cord connects the amplifier to any external power source capable of supplying the amount of current specified on the rear panel.
- (N) CIRCUIT BREAKER**
The circuit breaker is actually a mechanical fuse and protects the amplifier from extreme overload conditions. Pushing in on the red circuit breaker button will set it, and it need not be reset unless caused to trip by an extreme overload. If the circuit breaker does trip and cannot be reset, it indicates trouble that should be investigated by a qualified technician.
- (O) SPEAKER JACKS**
Can be used to connect the internal and/or external speakers to the amplifier. Do not exceed the 4 ohms minimum rating.
NOTE* Model C-170 is available in a head configuration only and contains no internal speakers.
- (P) EFFECTS LOOP JACKS**
The jack marked "EFFECTS SEND" should be connected to the input of the effects unit. This jack may also be used as a pre-amp output and will not interrupt the signal to the internal power amp section when in use. The jack marked "EFFECTS RETURN" should be connected to the output of the effects unit. This jack may also be used as an input to the power amp section and will interrupt the signal from the pre-amp section when in use.
- (Q) FOOTSWITCH JACK**
Allows for the switching of channels and reverb from a remote location. The Randall FS-9 footswitch should be used with these models.