The Randall RB-1000 is a compact, hi power, rack mountable bass amplifier. It offers many features requested by the modern bassist. It contains a footswitchable seven band graphic equalizer, passive Treble, Middle and Bass controls and Randall’s exclusive “Contour” control for added tonal flexibility. There is a variable compressor and direct outputs for driving other amplifiers or PA mixers. The direct out feature consists of a transformer balanced XLR jack with ground lift switch and an unbalanced ¼” phone jack. There is a pre-post EQ switch and a knob to control the direct out level. An effects loop is also provided for external signal processing. These features combined with it’s highly reliable power amp make the RB-1000 one of the most desirable bass amplifiers in the world.
**Randall RB 1000**

**Input Jack**
This input is to be used with musical instruments. Use good quality shielded guitar cords with ¼” phone plugs. This input can accept up to 75 volts RMS.

**Gain**
The gain control is active and very linear in its output level. A setting of 2 to 4 is a good initial setting.

**Treble Control, Middle Control, Bass 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.

**Contour**
The contour switch when depressed, boosts the bass and treble frequencies. The amount of middle frequency dip is controlled by the contour control “F.” The LED above the contour switch is lit when the contour switch is in use.

**Compressor**
The primary use of the compressor is to keep the power amplifier from going into hard clipping or distortion at very high output levels. To activate the compressor simply turn the control clockwise until the LED, above the control, turns red on peaks. The “Squeeze Bass” effect can be obtained by turning the compressor control to “10”.

**Equalizer**
The equalizer is a peaking type with the frequency listed above each knob. Be careful when using these as extreme boost or cut can alter the tone drastically. Each control is capable of boosting or cutting the frequency in its range by up to 15 dB. The frequency range of the equalizer is from 50 Hz to 4 kHz.

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

**AC Line Cord**
To be connected to any external power source capable of supplying 115-125 VAC @ 50/60 Hz. Use grounded AC receptacle only.

**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.

**AC Convenience 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 from the on-off switch.

**Speaker Output Jacks**
Use to connect the internal speaker of the amplifier or external speakers as required.

**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 bus is prepower amplifier and post pre amplifier.

**Pre-Post Switch**
This switch when depressed puts the direct output jacks pre (before) the EQ and tone controls in the amplifier. The switch in the post (after) position puts the direct output after all tone and EQ controls.

**Direct Out Level**
The “Direct out level” controls the amount of signal at the direct output jacks.

**Ground Lift Switch**
The ground lift switch “Q” when depressed, disconnects pin 1 on the XLR jack “R” from chassis ground. This can be very useful when eliminating ground loops in the system, P.A. and recording boards.

**Direct Outputs**
The direct output is very useful when a direct connection to a P.A. System or recording board is required. The XLR is lo impedance and transformer balanced. The ¼” phone direct out jack is not balanced.

**EQ Footswitch**
The “EQ Footswitch” jack is provided as a means to connect a footswitch for switching on or off the equalizer section of the amplifier. When on, the red LED below “Equalizer” indicates the equalizer is functioning.