

Instructions for use of EDCOR Audio-Amp 2003S & 2003SB

The label on the bottom indicates the model. Each unit is powered by a 12 Volt AC adapter that is supplied with the unit. Please note **AC adapter** not DC adapter. The unit has an internal bipolar power supply. The unit is designed to operate continuously so you need not disconnect AC adapter after use. The power consumption is very low.

The **2003S** has been designed for use with stereo or dual unbalanced input and will provide a balanced or unbalanced output. The **2003SB** has been designed for use with stereo or dual balanced input and will provide a balanced or unbalanced output.

The unit as ordered from the factory has a volume control that allows you to vary the overall gain from 0 to + 30 dB (voltage gain of 30) on the balanced terminals to +22 dB (voltage gain of 12) on the unbalanced RCA connector.

Input

The stereo unbalanced input are RCA type connectors on the 2003S and the stereo balanced inputs on the 2003SB are three pin terminal board

Maximum input is 0.5 VRMS. The input is an operational amplifier and is not sensitive to impedance.

Output

Balanced output: Output signal will be on terminals 2 and 3 with terminal 1 as system ground. Terminal 3 is the in phase signal and terminal 2 is the out of phase. The sum is the balanced level.

Maximum balanced output is 15 VRMS into a 600 ohm load.

Unbalanced output: Output signal will be on terminal 3 with terminal 1 as system ground. The RCA jack is internally connected to these terminals. The unbalanced signal will be in phase with the input.

Maximum unbalanced output is 6 VRMS into a 600 ohm load.

The output will drive any impedance from 250 ohms to 50 K ohms.

The 2003S and 2003SB are also available as a 2003 and 2003B. The 200S and 2003B has a mono or signal input and provide the same type of output as the 2003S.

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