

## AB MODEL SUB 1850 SPECIFICATIONS

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|---------------------------------------|--|---|
| <b>Type:</b>                          | <b>Three Channel audio amplifier with two stereo full range channels and one subwoofer channel</b>   |   |
| <b>Power Output :</b>                 | 250 Watts per full-range channel 8 ohms<br>425 Watts per full-range channel 4 ohms<br>500 Watts subwoofer channel 8 ohms<br>850 Watts subwoofer channel 4 ohms<br>1125 Watts subwoofer channel 2 ohms                                  | <b>(Single channel driven 1KHz 120 VAC)</b> |
| <b>Gain:</b>                          | 28 dB (Channels One and Two)<br>32.5 dB (Subwoofer Channel)  |   |
| <b>Control and Indicators</b>         | AC mains power switch, power on LED indicator, Channel One and Two and Subwoofer level controls, signal present and clip indicators for each channel, selectable Subwoofer Crossover Frequency Switch, Ground Lift Switch (Rear Panel) |   |
| <b>Crossover Frequency Selection:</b> | Standard Selections 80,100,120,140 Hz, Sub Boost, Bypass switches for Ch. One and Two High Pass Filters (Note:Custom Filters Available On Request)   |   |
| <b>Special Feature:</b>               | "Soft Clip" speaker protection   |   |
| <b>Cooling:</b>                       | Convection cooled , assisted by two- speed temperature controlled fan  |   |
| <b>Crosstalk:</b>                     | -86 dB   |   |
| <b>Damping Factor:</b>                | 500:1 at 1kHz  |   |
| <b>Slew Rate:</b>                     | Closed-loop, greater than 40V per micro second   |   |
| <b>Frequency Response:</b>            | Plus/minus 0.5 dB<br>20 Hz-20kHz   |   |
| <b>Distortion:</b>                    | No more than 0.25 percent THD or IM, 0.01W to rated output, 20 Hz to 20kHz (typically 0.02 percent)  |   |
| <b>Hum and Noise:</b>                 | 101 dB below rated output (unweighed, 20kHz bandwidth)   |   |
| <b>Input Sensitivity:</b>             | 1.1MS for rated output   |   |
| <b>Input Impedance:</b>               | 15k ohms nominal, balanced and unbalanced inputs   |   |
| <b>Input Connectors:</b>              | (2) 1/4" phone jacks (unbalanced); (2)XLR receptacles (balanced)   |   |
| <b>Output Connectors:</b>             | Dual 5-way binding posts   |   |
| <b>Power:</b>                         | 1800 Watts maximum   |   |
| <b>Dimensions:</b>                    | 5 1/4"H (13,3cm), 19"W (48.3cm), 11 7/8" (30.2cm) behind pannel, 13"(33.0 CM) overall  |   |
| <b>Weight:</b>                        | 39 lbs. (17.7 Kg)  |   |