Specifications

SSMB1400- MONOBLOCK POWER AMPLIFIER SPECIFICATIONS	
Model	**SSMB1400**
Topology	Class-AB
Power Outputs	
Single Channel 4Ω Single Channel 8Ω Single Channel 16Ω **CEA-2010 RATING @ 8Ω** **CEA-2010 RATING @ 4Ω**	450W 270W 160W **325W** **650W**
Power Bandwidth (at rated power; 4 Ohm load)	20 Hz to 20 kHz (+ / - 0.5 dB)
Broad Band Frequency Response	5 Hz to 30 kHz +0/-1.8 dB
THD + N	< 0.05% (A-weighted); (-3db)
SNR(4 Ohm load)	> 105 dB (A-weighted).
Minimum Recommended Load Impedance (per channel)	4 Ohms (which equals one 4 Ohm load or two paralleled 8 Ohm loads).
Damping Factor (4 Ohm load)	> 1000
Input Sensitivity (for rated power at 4 Ohm load)for RCA Input	1V/1.5V
Input Sensitivity (for rated power at 4 Ohm load) for XLR Input	1.8V
Input Impedance	100 KOhms.
Input Connections	Unbalanced (RCA)& Balanced (XLR)
Preamp Section	
Gain	Switchable between 0.5V to 1.5V only on RCA input
Source Selection	Chooses Between XLR & RCA
HPF	Selectable On & Off / -3db at 20Hz
Speaker Output Connections	Audiophile grade 5-way binding posts 4mm
Power Requirements	230 VAC @ 50 / 60 Hz (+-10%)
Status LEDs	4 per channel Green – Lights up at 10-20W Output Power Yellow - Lights up at 0db Output (350- 380W@4ohms) Red - Lights up at Clipping (390- 410W@4ohms) Red - Lights up to indicate a fault condition / During Power up & down Sequence *** These LEDS are meant for approximate output power representation & can vary on the type of music being played.
AC Power switch	Illuminated Push Button switch (switches AC main power).
Protection	SSMB1400 is protected against excessive operating temperature, shorted speaker connections, ground faults
Dimensions	17” wide x 6.5 high x 12.5” deep (not including connectors).

Notes

(***) Operating the Amplifier below the minimum recommended load or abnormal mains input might lead to overheating, thermal shutdowns & abnormal behaviour

The amplifier should be used with good quality low impedance interconnects to avoid any hum or buzzing. Amplifiers should always be power down before selecting the Source /Gain/ GND lift /HPF. Speaker cable to be removed and amplifier to be turned of if signal cables are being changed.

Good Practices

- Always Power Down the Amplifier when not in use.
- Do not try to try to force fit RCA, XLR, Binding Posts. Good quality interconnects will slide in with minimum effort.
- The mains should be stable between 215V – 253V AC/50hz.
- Keep the amplifier in a well ventilated area, don’t it put in within an enclosed RACK.
- Don’t Stack the amplifiers or other Equipment’s.

For Further Information Please call us on 9028671828 or email us at aniket@oandbco.com