AURA-2B1800

COMMERCIAL AMPLIFIERS

Two channels LoZ & HiZ Amplifier

A&E SPECIFICATIONS

The Amplifier shall be able to work both in Low Impedance(@2/4/8Ω) and High Impedance(70/100V), Selectable through a switch in the rear panel, containing two independent controllable amplifier channels with a 1800W @ 4 Ω maximum output power per channel and supporting dual or bridge mode (@4/8Ω) The construction shall be transformer-less, using Class-D Amplifier technology and powered by a universal, regulated SMPS with PFC power supply. Each channel shall have integrated circuitry to protect against short-circuits or mismatched loads and overheating. Additionally, the load shall be protected against DC faults and a clip limiter shall automatically reduce the input gain at onset of distortion.

The front panel shall contain an AC power switch, a power on indicator LED, an Auto Standby button and Auto Standby LED. Each channel should have a level knob, a signal LED, a clip LED and a link LED, moreover protect and thermal LEDs for each pair of channels. The front panel knobs should be able to be disabled by means of the VOL Bypass switch on the rear panel. Auto Standby threshold value is -40 dB. The possibility to link the channels to input 1 shall be available through a switch on the rear panel.

All connections shall be made on the rear panel of the unit. The output connections must be fitted with terminal block connectors. The amplifier shall operate on a 100-240V AC - 50/60 Hz mains network and shall be equipped with a removable power cord having a standard Shuko (CEE 7/7) AC plug. The connector on the amplifier chassis shall be a fused IEC C14 type. The amplifier chassis shall be a 1UR steel constructed 19'' housing. Depth from mounting surface to rear supports shall be 411.6mm and the weight shall not exceed 7.55 Kg.

The amplifier shall be the ECLER AURA-2B1800.

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