

# SUFI 1450 ( 1 x 450W AMPLIFIER )



## ONE CHANNEL AMPLIFIERS

<b>MODEL No</b>	: <b>SUFI 1450</b>
<b>MUSIC POWER</b>	: 450 W RMS.
<b>CHANNEL</b>	: SINGLE CHANNEL
<b>DIN POWER</b>	: 300 W RMS. (50 V ACROSS 8 Ω)
<b>THD</b>	: < 0.1%
<b>SLEW RATE</b>	: 60 V / 10 μs
<b>SIGNAL TO NOISE RATIO</b>	: ~ 75 dB
<b>POWER BANDWIDTH</b>	: 20 Hz TO 20 KHz.
<b>FREQUENCY RESPONSE</b> @ -6 dB w.r.t RATED O/P	: 10 Hz TO 50 KHz WITHIN -3 dB.
<b>INPUT SENSITIVITY</b>	: 700 mV FOR MAX. POWER
<b>INPUT IMPEDANCE</b>	: > 100K Ω
<b>INPUT ATTENUATION</b>	: > 68 dB ADJUSTABLE BETWEEN 0 & > 68 dB
<b>POWER SUPPLY</b>	: 230 V ±10 % @ 50 Hz TO 60 Hz
<b>MAINS CURRENT CONSUMPTION</b>	: LESS THAN 300 mA ON NO LOAD. LESS THAN 3.2A ON 8Ω LOAD
<b>OUTPUT DC OFFSET VOLTAGE</b>	: MAINTAINED WITHIN ± 20 mV
<b>PROTECTIONS</b>	: O/P, REACTIVE AUDIO LIMITERS, SHORT CIRCUIT, BACK – EMF, PEAK CURRENT LIMITERS, INRUSH CURRENT LIMITERS, TURN ON DELAY, MAINS CIRCUIT BREAKER PROTECTION, MAINS OVER / UNDER VOLATGE, OVER TEMPERATURE, LINE TRANSIENTS, LSPK PROTECTION.
<b>CONNECTORS</b>	: INPUT – XLR, OUTPUT – SPEAKON
<b>AMBIENT TEMPERATURE LIMITS</b>	: + 2° C TO + 42° C
<b>COOLING</b>	: 4 STAGE FANS
<b>SIZE</b>	: STANDARD 3U CHASSIS
<b>WEIGHT</b>	: 12 Kg

\* THIS UNIT MAY NOT OPERATE CONTINUOUSLY AT 4 OHM IN BRIDGE MODE DEPENDING ON AMBIENT CONDITIONS