

# SUFI 2450 ( 2 x 450W AMPLIFIER)



## 100V DUAL CHANNEL AMPLIFIER

<b>MODEL No</b>	<b>: SUFI 2450</b>
MUSIC POWER	: 450 W + 450 W RMS
CHANNEL	: DUAL CHANNEL
DIN POWER	: 300 W + 300 W RMS (PER CHANNEL 50 V ACROSS 8 Ω IN 2 CHANNEL MODE)
BRIDGE MODE	: 650 W RMS (100 V ACROSS OUTPUT OF 16 Ω).
THD	: < 0.1%
SLEW RATE	: 60 V / 10 μs
SIGNAL TO NOISE RATIO	: > 75 dB
POWER BANDWIDTH	: 20 Hz TO 20 KHz.
FREQUENCY RESPONSE	
@ -6 dB w.r.t RATED O/P	: 10 Hz TO 50 KHz WITHIN -3 dB.
INPUT TYPE BALANCED	: BALANCED
INPUT SENSITIVITY	: 700 mV FOR MAX. POWER
INPUT IMPEDANCE	: > 100K Ω BALANCED
INPUT ATTENUATION	: > 68 dB ADJUSTABLE BETWEEN 0 & > 68 dB
POWER SUPPLY	: 230 V ±10 % @ 50 Hz TO 60 Hz
MAINS CURRENT CONSUMPTION	: LESS THAN 300 mA ON NO LOAD. LESS THAN 3.2A ON 8Ω LOAD
OUTPUT DC OFFSET VOLTAGE	: MAINTAINED WITHIN ± 20 mV
PROTECTIONS	: 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 VOLTAGE, OVER TEMPERATURE, LINE TRANSIENTS, LSPK PROTECTION.
CONNECTORS	: INPUT – XLR, OUTPUT – SPEAKON
AMBIENT TEMPERATURE LIMITS	: + 2° C TO + 42° C
COOLING	: 4 STAGE FANS
SIZE	: STANDARD 2U CHASSIS
WEIGHT	: 17 Kg

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

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