

SR10

640W Power Amplifier
Mono power amplifier with crossover


ideato,
progettato,
ingegnerizzato
in Italia



Power Supply

Power supply voltage:	11 ÷ 15 VDC
Idling current:	1 A
Switched off:	<0.01 mA
Remote IN voltage:	7 ÷ 15 VDC (1 mA)
Remote OUT voltage:	11 ÷ 15 VDC (15 mA)
Internal fuse (AFS):	40 A
Consumption @ 14.4 VDC, 1 Ω, Max Musical Power:	33 A

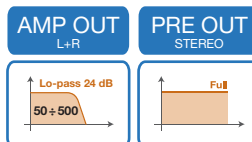
Amplifier stage

Distortion - THD (100 Hz @ 4 Ω):	0.3 %
Bandwidth (-3 dB):	18 ÷ 500 Hz
S/N ratio (A weighted, 1 V):	90 dB
Damping factor (100 Hz @ 4 Ω):	150
Input sensitivity (PRE IN):	0.3 ÷ 5 VRMS
Input sensitivity (Speaker In):	1 ÷ 15 VRMS
Input impedance (PRE IN):	15 kΩ
Input impedance (Speaker In):	100 Ω
Load impedance (Min):	
1 Ch	1 Ω

Nominal power (RMS) @12 VDC; 1% THD :	
4 Ch @ 4 Ω	200 W x 1
Output power (RMS) @14.4 VDC; 1% THD:	
1 Ch @ 4 Ω	280 W x 1
1 Ch @ 2 Ω	460 W x 1
1 Ch @ 1 Ω	640 W x 1

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Output Power @ 4 Ω, ≤ 1% THD+N, 14.4 V: 250 W x 1 Ch
S/N ratio (ref.1Woutput): 250 W Channel: 74 dBA



Inputs / Filters

Inputs	Pre IN / Speaker IN
Output	Pre
Filter LO-pass:	50 ÷ 500 Hz @ 24 dB/oct
Subsonic	25 Hz @ 24 dB/oct
Boost	+ 6 dB; + 3 dB; OFF / @ 45 Hz
Phase Control	0° - 180°

Size

WxHxD (mm)	213 x 53.5 x 288
WxHxD (inches)	8"7/16 x 2"1/8 x 11"3/8
Weight (kg/lb)	2.6 / 5.73

- PRE-OUT pass-through from high level SPEAKERS-IN input
- Removable panel to hide and protect controls
- Monoblock aluminium heatsink construction
- Fanless convection cooling system
- Strip fuse located on the control panel for easy replacement
- Connections:
 - Power supply terminals accepts 7 mm diameter (4 AWG) cable
 - Speaker terminals accepts 4.5 mm diameter (8 AWG) cables
 - Hi Level speaker and remote turn-on terminals equipped with removable connectors with screw fastening
- "D" class topology, delivering 280W at 4 ohms and 640W power at 1 ohm
- Phase control switch
- Selectable Subsonic Filter
- Bass Boost Filter
- Continuously adjustable LO-pass 24dB