

LRx1.2k

3000W Power Amplifier
Mono Power Amplifier with crossover

ideato,
progettato,
costruito
in Italia



Power Supply

Power supply voltage:	11 ÷ 15 VDC
Idling current:	4.3 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (Max Musical Power):	200 A

Amplifier stage

Distortion - THD (100 Hz @ 4Ω):	0.3 %
S/N ratio (A weighted @ 1 V):	80 dBA
Damping factor (100 Hz @ 4Ω):	120
Input sensitivity:	0.3 ÷ 5 V
Input impedance:	15k Ω
Speaker-In sensitivity:	1.4 ÷ 24 V
Speaker-In impedance :	5k Ω
Load impedance (MIN):	1Ω
NOMINAL OUTPUT POWER (RMS) NP @ 12 VDC; THD 1%:	1000 W X 1

OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:	
• 1 Ch	1300 W x 1 (4Ω)
• 1 Ch	2200 W x 1 (2Ω)
• 1 Ch	3000 W x 1 (1Ω)
Amp Chain Mode	
• Bridge 2 Amp	4400 W x 1 (4Ω)
• Bridge 2 Amp	6000 W x 1 (2Ω)

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OUTPUT Power (4Ω, ≤1% THD+N, 14.4 Volts):	1000 W x 1 Ch
S/N ratio (ref. 1W output):	50 dBA



DSC - Digital Subwoofer control

Sub Level:	-9 ÷ +9 dB @ 1dB step
Equalizer Frequency:	45 ÷ 90 Hz @ 5Hz step
Equalizer Level:	-9 ÷ +9 dB @ 1dB step
Memory:	N. 5 programmable
Dimmer:	automatic light intensity

Other functions

Remote IN:	7 ÷ 15 VDC - 1 mA
Remote OUT:	12 VDC - 50 mA
Fuse (AFS):	150 A
Phase:	0 ÷ 180°
Speaker Inversion:	Normal / Inverted
Amp Chain Mode:	Master / Slave

LRx 1.2k, 3000 W (RMS), mono D Class: the Audison solution to the hungriest of bass sections in competition grade SPL systems. A special feature provides the ability to bridge two LRx 1.2k to achieve up to 6kW (RMS) into 2Ω load. A remote in-dash digital control allows for adjustment of output level. Featuring also is a separate control for the one-band equalizer, providing frequency and boost adjustment. An additional feature is the ability to save and recall up to 5 different settings.

Inputs configuration

When the INPUT signal is stereo, you will have a stereo signal in BYPASS outputs. Since the amplifier is mono, a Mix L+R will act on the amplified output. If you use a mono signal as input, the same signal will be output to PRE OUT and BYPASS outputs.

Filters configuration

Config.	AMP	PRE OUT
1	Full	Full
2	Lo-pass 24 dB	Full

INPUT	BYPASS	AMP
L & R	L & R Bypass	Mix L + R
L	L Bypass	mono
R	R Bypass	mono

Inputs/Outputs

Input: PRE / Speaker
Output (Bypass): PRE / Speaker

Filters

Input: Lo-pass 50 ÷ 150 Hz @ 24 dB/Oct.
Subsonic: 10 ÷ 50 Hz @ 24 dB/Oct.

Size

BxLxH (mm/inches): 198 x 588 x 56 / 7^{13/16} x 23^{3/16} x 2^{1/4}
Weight (kg/lb): 6,80 / 15.0