

LRx 6.9

ideato,
progettato,
costruito
in Italia

950W Power Amplifier Six Channel Power Amplifier with crossover



Power Supply

Power supply voltage:	11 ÷ 15 VDC
Idling current:	1.7 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (MAX Musical Power):	70 A

Amplifier stage

Distorsion - THD (1kHz @ 4Ω):	0.04%
Bandwidth (-3 dB):	4 ÷ 80k Hz
S/N Ratio (A weighted @ 1 V):	100 dB
Damping factor (1kHz @ 4Ω):	120
Input sensitivity:	0.3 ÷ 5 VRMS
Input impedance:	15 kΩ
Speaker-In sensitivity:	1.4 ÷ 24 VRMS
Speaker-In impedance:	5 kΩ
Load impedance (MIN):	1Ω
NOMINAL OUTPUT POWER (RMS) NP @ 12VDC, THD 0.3%:	65Wx4 (4Ω)+70Wx2

OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:	
• 6 Ch	70W x 4 (4Ω) + 75W x 2 (4Ω)
• 6 Ch	120W x 4 (2Ω) + 140W x 2 (2Ω)
• 6 Ch	120W x 4 (2Ω) + 230W x 2 (1Ω)
• 5 Ch	70W x 4 (4Ω) + 280W x 1 (4Ω)
• 5 Ch	70W x 4 (2Ω) + 480W x 1 (2Ω)
• 5 Ch	120W x 4 (2Ω) + 470W x 1 (2Ω)
• 4 Ch	240W x 2 (4Ω) + 140W x 2 (2Ω)
• 4 Ch	240W x 2 (4Ω) + 230W x 2 (1Ω)
• 3 Ch	240W x 2 (4Ω) + 280W x 1 (4Ω)
• 3 Ch	240W x 2 (4Ω) + 470W x 1 (2Ω)

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OUTPUT Power (4Ω, ≤1% THD+N, 14.4 Volts): 70 W x 4 + 75W x 2

S/N ratio (ref. 1W output):

70 W Channels: 80 dBA
75 W Channels: 80 dBA



Other functions

Remote In:	7 ÷ 15 VDC - 1 mA
Remote Out:	12 VDC - 50 mA
Speaker On:	Amp ON with amplified signal
Fuse (AFS):	80 A
REMOTE SUB VOLUME:	Active with C ch. Lo-pass 24dB L+R
Adjustment:	+5 ÷ -5dB

LRx 6.9 is a six channel amplifier with built-in crossovers which can be configured in endless ways. Interfacing with every type of source, expansibility of every system thanks to ECI, capacity of handling an extremely complex system by itself: these are the LRx 6.9 pros. Provided with four channels which can work into 2Ω loads and two channels which work down into 1Ω load, it totally supplies 950W (RMS) power. AMP constantly checks the operating status system and ART function allows automatic turn-on/off when a remote signal isn't available from the source. Thanks to its features, it is the ideal amplifier for very high sound pressure levels and extraordinary musical performance.

■ In 6/5 Ch mode, you can drive all amplifier outputs through the A channels Right and Left inputs; or, you can refer to the table on the right.

6/5 Ch	A Ch Stereo	B Ch Stereo	C Ch Stereo/Mono
1	A IN	A IN B=PRE OUT	A IN
2	A IN	B IN	MIX A+B IN
3	A IN	A IN B=PRE OUT	C IN
4	A IN	B IN	C IN

■ In 4/3 Ch mode, A channels L input drives A channels in mono, A channels R input drives B channels in mono and you can choose to use C inputs for the relating channels.

4/3 Ch	A Ch Mono	B Ch Mono	C Ch Stereo/Mono
13	A Filter Not used	Full	Full
14	A Filter Not used	Full	Lo-pass
15	A Filter Not used	Hi-pass	Full
16	A Filter Not used	Hi-pass	Lo-pass
17	A Filter Not used	Band-pass	Full
18	A Filter Not used	Band-pass	Lo-pass

Config	A Ch	B Ch	C Ch
1	Full	Full	Full
2	Full	Full	Lo-pass
3	Full	Hi-pass	Full
4	Hi-pass	Full	Full
5	Hi-pass	Hi-pass	Full
6	Hi-pass	Full	Lo-pass
7	Full	Hi-pass	Lo-pass
8	Hi-pass	Hi-pass	Lo-pass
9	Full	Band-pass	Full
10	Full	Band-pass	Lo-pass
11	Hi-pass	Band-pass	Full
12	Hi-pass	Band-pass	Lo-pass

Filters

In A ch:	Bypass / Hi-pass 50 ÷ 5k Hz @ 12 dB/Oct.
In B ch:	Bypass/Hi-pass 50÷1k Hz/Lo-pass 250÷5k Hz/Bandpass@12 dB/Oct.
In C ch:	Bypass/Lo-pass/50÷1k Hz @12/24(Mono)dB/Oct.
Subsonic:	OFF/20/30 Hz @ 24 dB/Oct. Active with C ch. Lo-pass 24 L+R

Inputs/Outputs

In A ch:	Pre/Speaker
In B ch:	Pre/Speaker
In C ch:	Pre/Speaker
Out Bypass:	Pre

Size

Max size (mm):	198 x 488 x 56
Max size (inches):	7 ^{13/16} x 19 ^{1/4} x 2 ^{1/4}
Weight kg/lb:	4,800/10.6