

SRx5

540W Power Amplifier Five Channel Power Amplifier with crossover




Power Supply

Power supply voltage:	11 ÷ 15 VDC
Idling current:	1 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (Max Musical Power):	37 A

Amplifier stage

Distortion Front, Rear Ch - THD (1 kHz @ 4Ω):	0.07 %
Distortion Sub Ch - THD (100 kHz @ 4Ω):	0.03 %
Bandwidth Front, Rear Ch (-3 dB):	5 ÷ 50k Hz
Bandwidth Sub Ch (-3 dB):	5 ÷ 500 Hz
S/N ratio (A weighted @ 1 V):	98 dB
Damping factor Front, Rear Ch (1 kHz @ 4Ω):	100
Damping factor Sub Ch (100 Hz @ 4Ω):	500
Pre-In sensitivity:	0.3 ÷ 5 V
Speaker-In sensitivity:	1 ÷ 15 V
Pre-In impedance:	15 kΩ
Speaker-In impedance:	100 Ω
Load impedance (MIN):	
• 5 Ch	4 x 2 Ω + 1 x 2 Ω
• 3 Ch	2 x 4 Ω + 1 x 2 Ω

OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:	
• 5Ch	55Wx4 (4Ω) + 185Wx1 (4Ω)
• 5Ch	75Wx4 (2Ω) + 160Wx1 (4Ω)
• 5Ch	50Wx4 (4Ω) + 300Wx1 (2Ω)
• 5Ch	70Wx4 (2Ω) + 260Wx1 (2Ω)
• 3Ch	150Wx2 (4Ω) + 160Wx1 (4Ω)
• 3Ch	140Wx2 (4Ω) + 260Wx1 (2Ω)

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OUTPUT Power (4Ω, ≤1% THD+N, 14.4 Volts): 53 Wx4 Ch + 175 Wx1 Ch		
S/N ratio (ref. 1W output): 53 W Channels: 83 dBA 175 W Channel: 80 dBA		

Other functions

Remote In:	7 ÷ 15 VDC (1 mA)
Remote Out :	12 VDC (15 mA)
Fuse (AFS):	40 A
REMOTE Adjustment:	-∞ ÷ +6 dB

Inputs/Outputs

Input	Pre / Speaker
Output	Pre

- PRE-OUT pass-through from high level SPEAKERS-IN input
- Fully by-passable crossover FILTERS
- Removable panel to conceal and protect controls and wiring
- Solid aluminium heatsink construction
- Fanless convection cooling system
- Power transistors fixed with spiral springs, providing a 50% increase in pressure
- Built in SUBWOOFER volume control module, requires only the connection of optional VCRA controller
- Electronic thermal control system rolls back output power in two levels (-1,5dB / 65°C; -3dB / 75°C)
- Fuse located on the control panel for easy replacement
- Connections:
 - Power supply terminal accepts 7 mm diameter (4 AWG) cable
 - Speaker terminal accepts 4.5 mm diameter (8 AWG) cables
 - Hi Level speaker and remote turn-on terminals equipped with removable connectors with screw fastening
- Subwoofer section stable into 2 Ohm loads, delivering over 300 watts
- Dual range high-pass filter (50Hz÷500Hz / 500Hz÷5kHz) for multi-channel configurations

	FRONT Ch	REAR Ch	SUB Ch	Config.	FRONT Ch	REAR Ch	SUB Ch
Mode 1 ON: MC, FR OFF: MC, FR	FRONT INPUT	REAR INPUT PRE OUT=OFF	SUB IN ON / OFF	1	Hi-pass	Hi-pass	Lo-pass
Mode 2 ON: MC, FR OFF: MC, FR	FRONT INPUT	FRONT INPUT PRE OUT=ON	SUB IN ON / OFF	2	Hi-pass	Band-pass	Lo-pass
Mode 3 ON: MC, FR OFF: MC, FR	FRONT INPUT	FRONT INPUT PRE OUT=ON	SUB IN ON / OFF	3	Mono	Mono	Lo-pass

Filters

FRONT Ch	Bypass / Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
REAR Ch	Bypass / Hi-pass / Band pass: 50 ÷ 5k Hz @ 12 dB/Oct.
SUB Ch	Bypass / Lo-pass: 50 ÷ 220 Hz @ 24 dB/Oct.

Size

BxLxH mm	216x470x56
BxLxH inches	8" 1/2 x 18" 1/2 x 2" 1/4
Weight (kg/lb)	4,65 / 10.25