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ADVANCED MANUAL

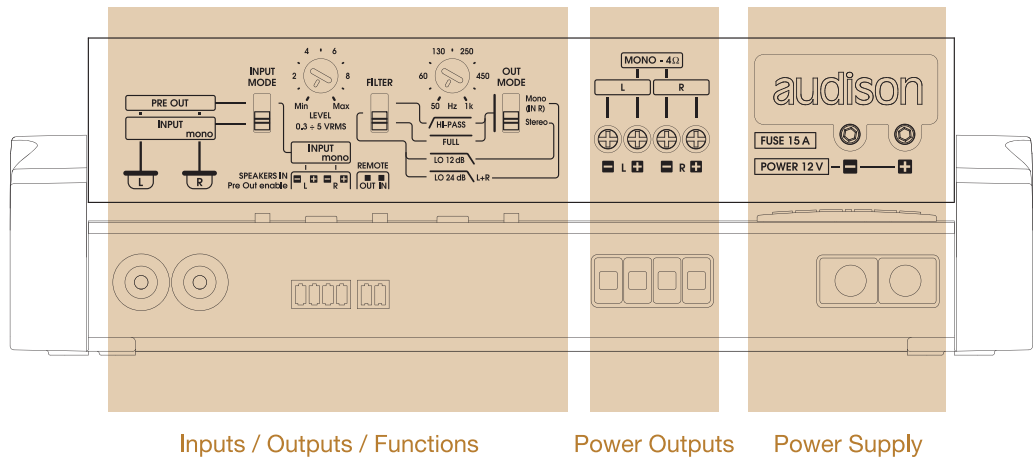
SRx2

220W Power Amplifier
Stereo Power Amplifier with crossover



Specifications

Control panel and terminals



Specifications

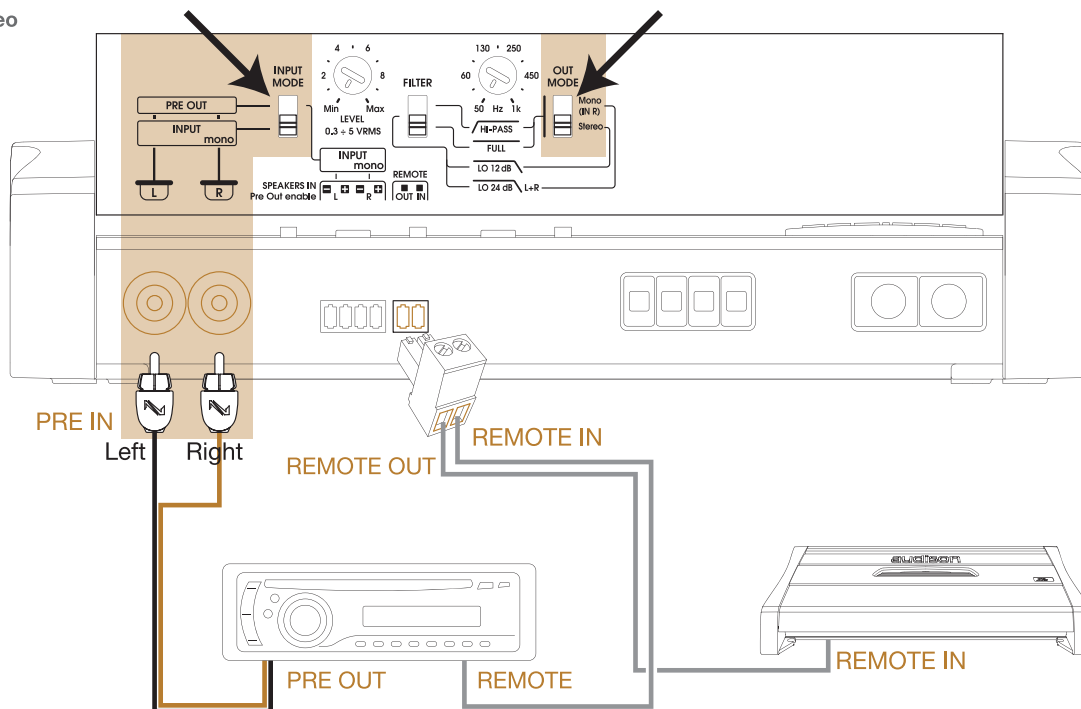
Configuration table

Conf.	AMP IN STEREO	PRE OUT only with SPEAKER IN
1		
2		
3		
Conf.	AMP IN STEREO	PRE OUT only with SPEAKER IN
1		
2		
3		

	Stereo	Mono	
	OUT MODE Mono (B/R) Stereo	OUT MODE Mono (B/R) Stereo	OUT MODE Mono (B/R) Stereo
INPUT	L & R	L & R	R
FILTER	BYPASS HI/LO-PASS	LO-PASS 24 dB	BY/HI-PASS 12 dB
PRE OUT only with SPEAKER IN	L & R BYPASS	L & R BYPASS	R BYPASS
AMP	L & R	L + R FILTERED	MONO BY/HI-PASS

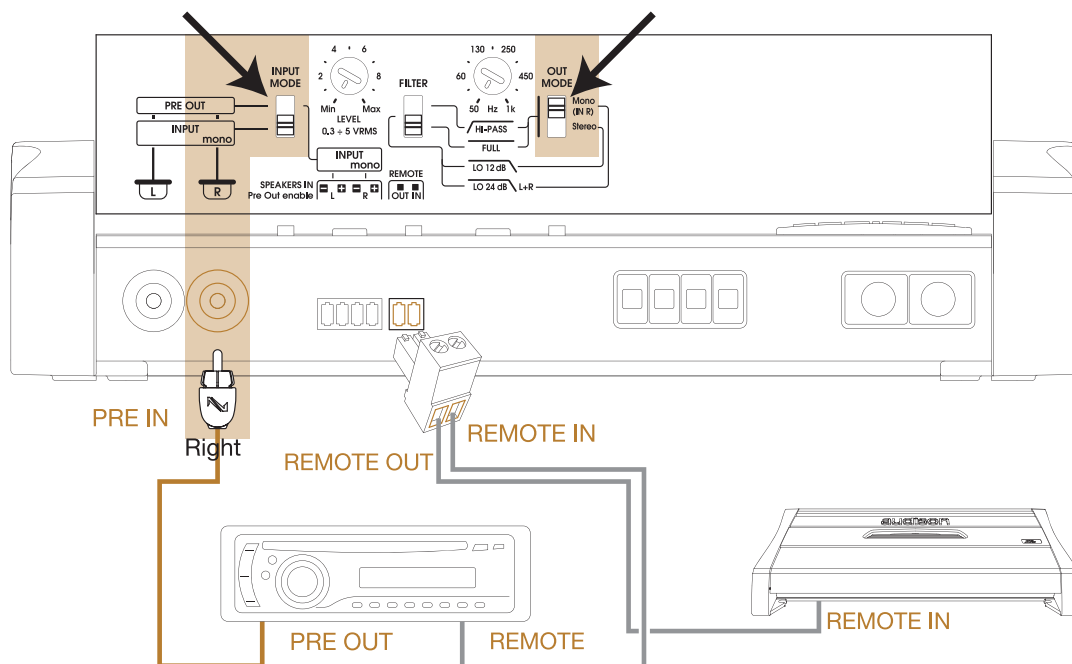
INPUTS

Pre in Stereo



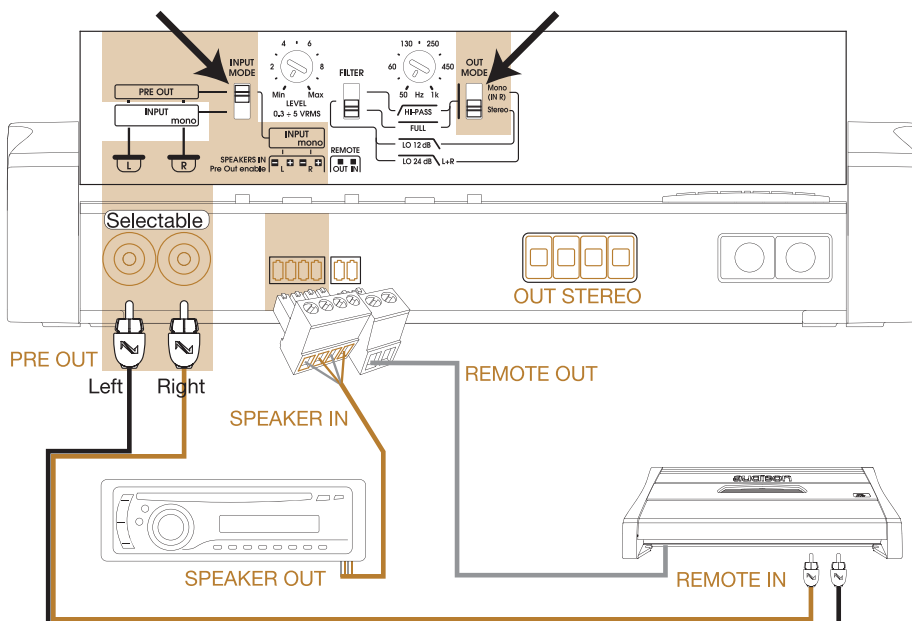
INPUTS

Pre in Mono



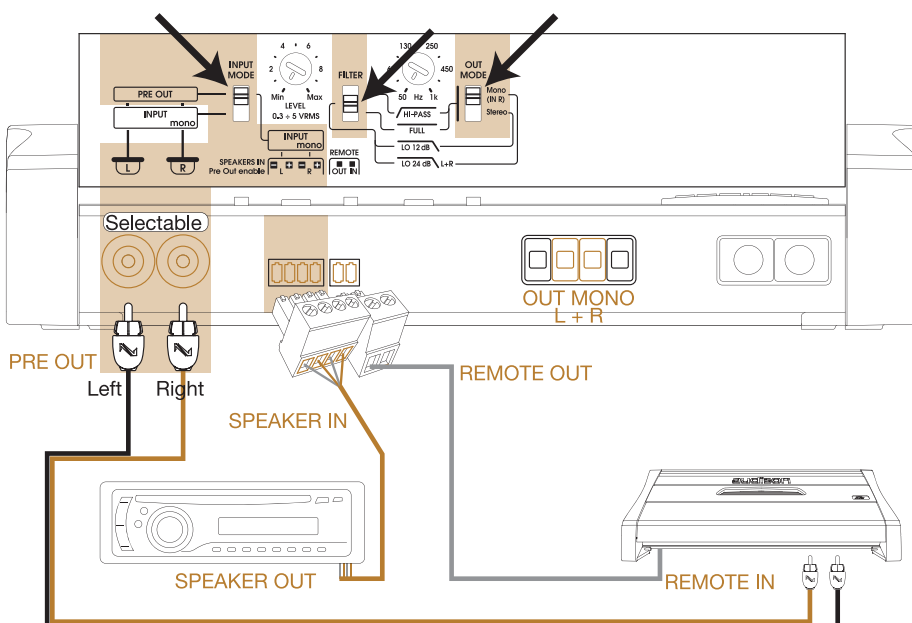
Inputs / Outputs

Pre out stereo with Speaker in stereo / Amp stereo



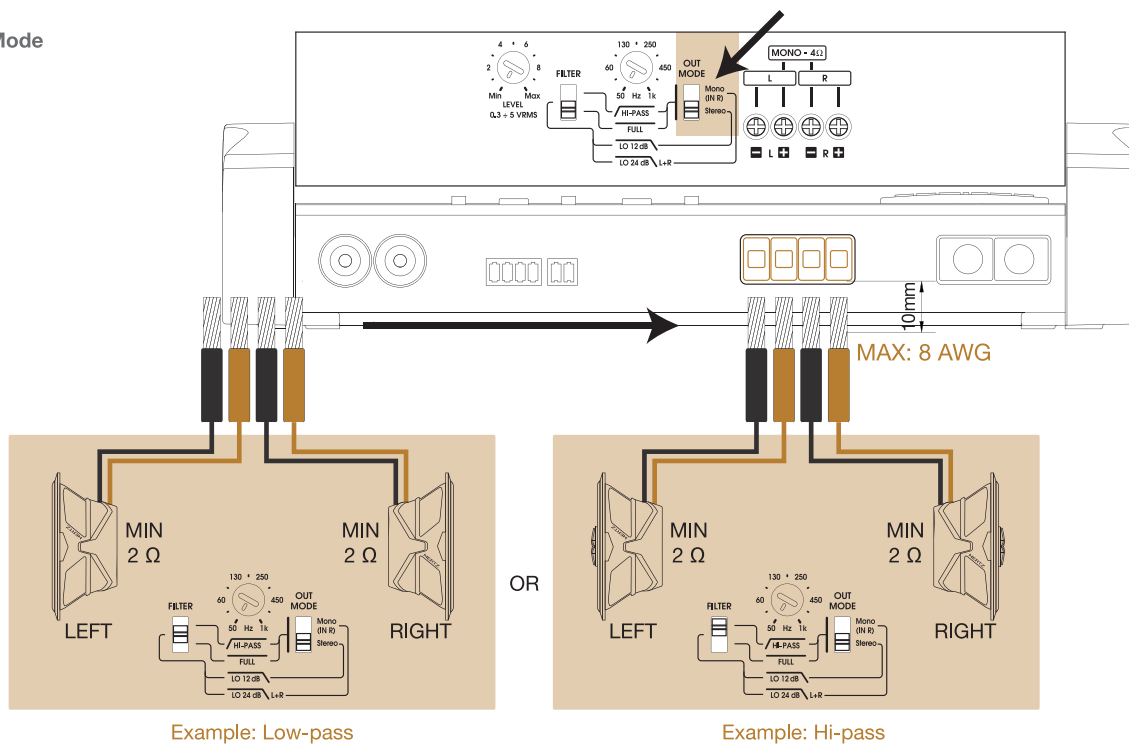
Inputs / Outputs

Pre out stereo with Speaker in stereo / Amp mono (L + R)



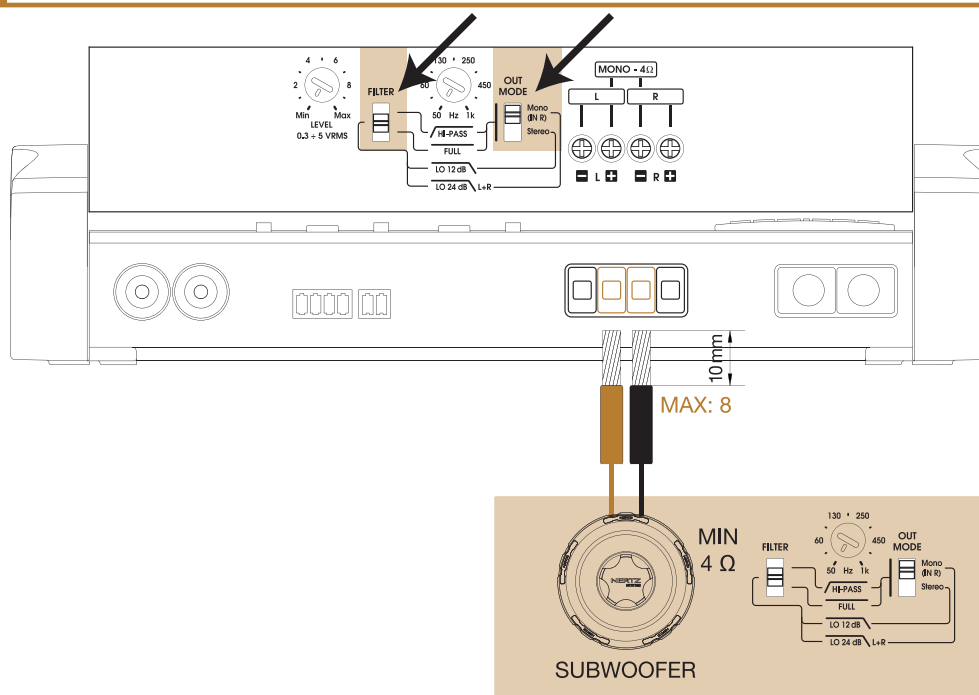
Power outputs

Stereo Mode



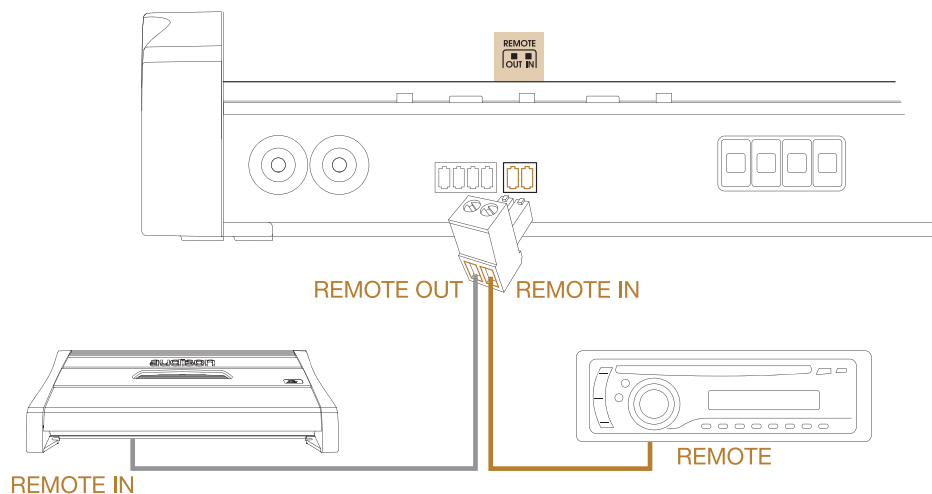
Power outputs

MONO Mode



Functions

Remote



Technical Specifications

Power Supply

Voltage:	11÷15 VDC
Minimum idling current:	0.6 A
Idling current when off:	0.02 mA
Remote IN Voltage:	7÷15 VDC (1 mA)
Remote OUT Voltage:	12 VDC (15 mA)
Internal Fuse (AFS):	15 A
Consumption @ 14,4 VDC (Max Musical Power):	15 A

Inputs/Outputs/Filters

Inputs	Pre / Speaker
Outputs	Pre
Stereo Filter	Bypass / Hi-pass / Lo-pass: 50 ÷ 1k Hz @ 12 dB/Oct.
Mono Filter	Bypass / Hi-pass 12 dB/Oct. / Lo-pass 24 dB/Oct. : 50 ÷ 1k Hz

Size

BxLxH mm	216 x 370 x 56
BxLxH inches	8 ^{11/2} x 14 ^{9/16} x 2 ^{1/4}
Weight kg	3,70
Weight lb	8.16

Amplifier stage

Distortion-THD (1 kHz@4Ω):	0.06 %
Bandwidth (-3 dB):	5 ÷ 50k Hz
S/N ratio (A weighted@1V):	106 dB
Damping factor (1 kHz@4Ω):	200
Pre-In sensitivity:	0.3 ÷ 5 V
Speaker-In sensitivity:	1 ÷ 15 V
Pre-In impedance:	15k Ω
Speaker-In impedance:	100 Ω
Load impedance (MIN):	
2 Ch	2 Ω
1 Ch	4 Ω
Output power (RMS) @14,4 VDC; THD 1%:	
2 Ch	80 W x 2 (4Ω)
2 Ch	110 W x 2 (2Ω)
1 Ch	220 W x 1 (4Ω)

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OUTPUT Power (4Ω, ≤1% THD+N, 14.4 Volts):	80 W x 2 Ch
S/N ratio (ref. 1W output):	
80 W Channels:	83 dBA

