

audison

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ADVANCED MANUAL

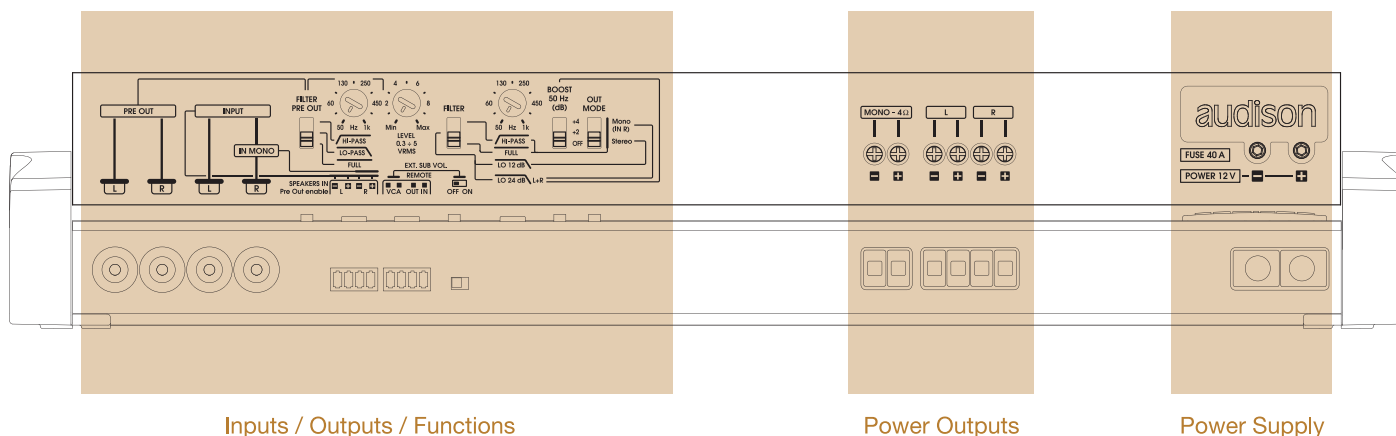
SRx 2s

640W Power Amplifier
Stereo Power Amplifier with crossover



Specifications

Control panel and terminals



Inputs / Outputs / Functions

Power Outputs

Power Supply

Technical Specifications

Power Supply

Voltage:	11 ÷ 15 VDC
Minimum idling current:	1.1 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):	40 A
Consumption @ 14.4 VDC (Max Musical Power):	36 A

Inputs/Outputs/Filters

Inputs	Pre / Speaker
Outputs (filtered)	Pre (Bypass / Hi-pass / Lo-pass: 50 ÷ 1k Hz @ 12 dB/Oct.)
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
Boost 50 Hz	OFF / +2dB / +4dB @ 50 Hz
Sub remote volume control	OFF / 0dB / +6dB

Size

BxLxH mm	216 x 470 x 56
BxLxH inches	8 ^{11/16} x 18 ^{11/16} x 2 ^{11/16}
Weight (kg/lb)	4,55 / 10.03

Amplifier stage

Distortion-THD(1 kHz@4Ω):	0.04 %
Bandwidth (-3 dB):	5 ÷ 50k Hz
S/N ratio (A weighted@1V):	104 dB
Damping factor (1 kHz@4Ω):	300
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 2 Ch x 4Ω	200 W x 2
2 Ch 2 Ch x 2Ω	320 W x 2
1 Ch 1 Ch x 4Ω	640 W x 1

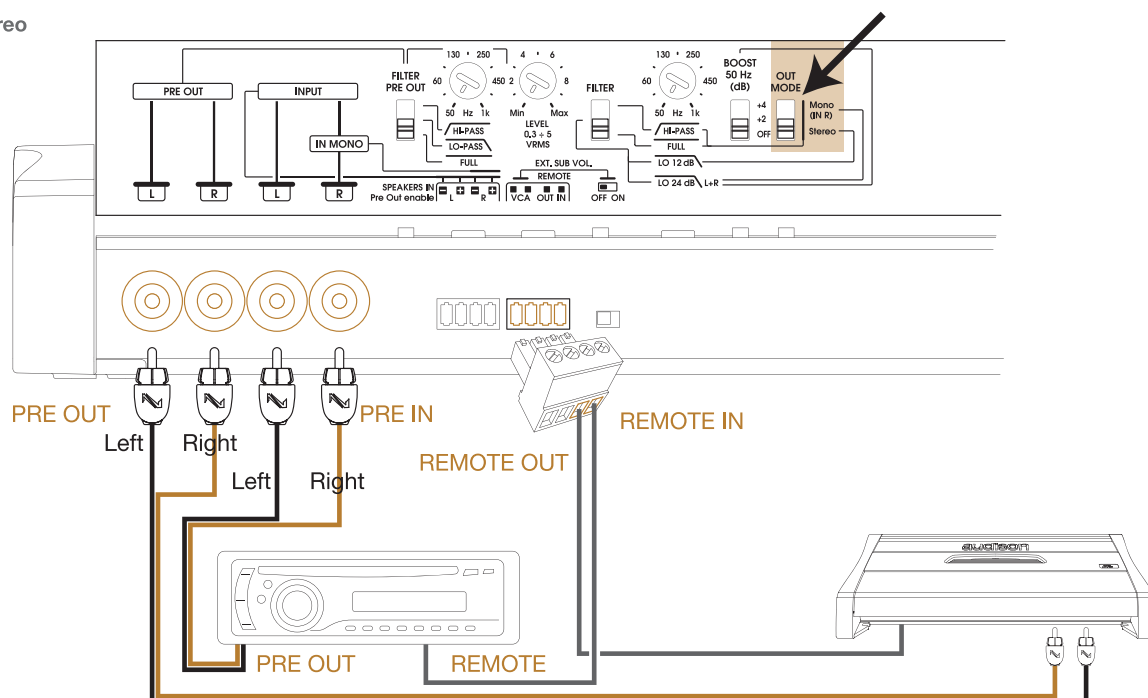
CEA 2006-A RATINGS

OUTPUT Power (4Ω, ≤1% THD+N, 14.4 Volts):	180 W x 2 Ch
S/N ratio (ref. 1W output):	
180 W Channels:	82 dBA



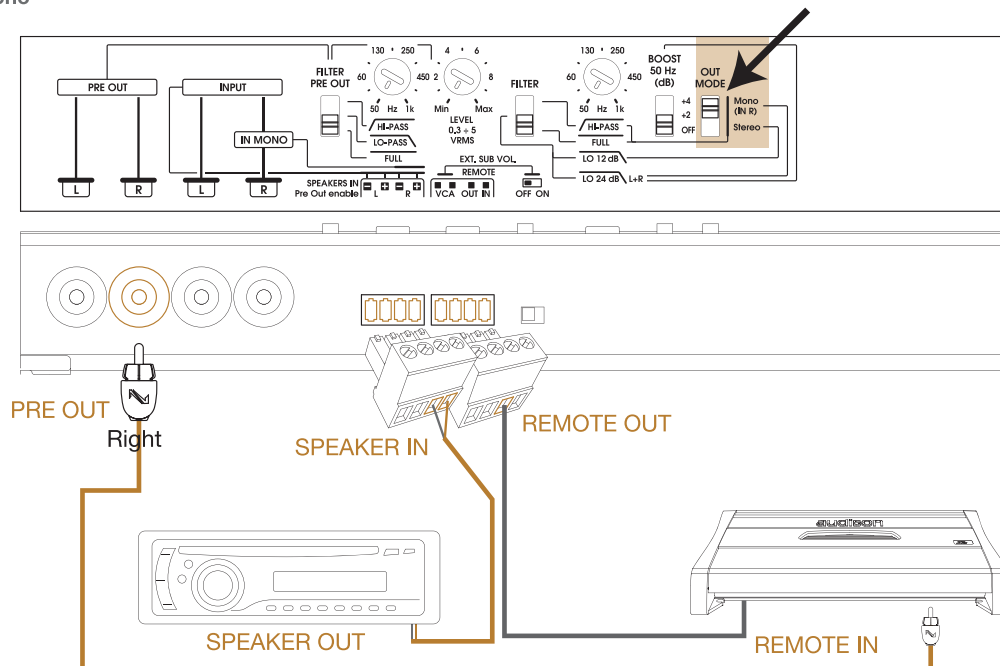
INPUTS

Pre in stereo



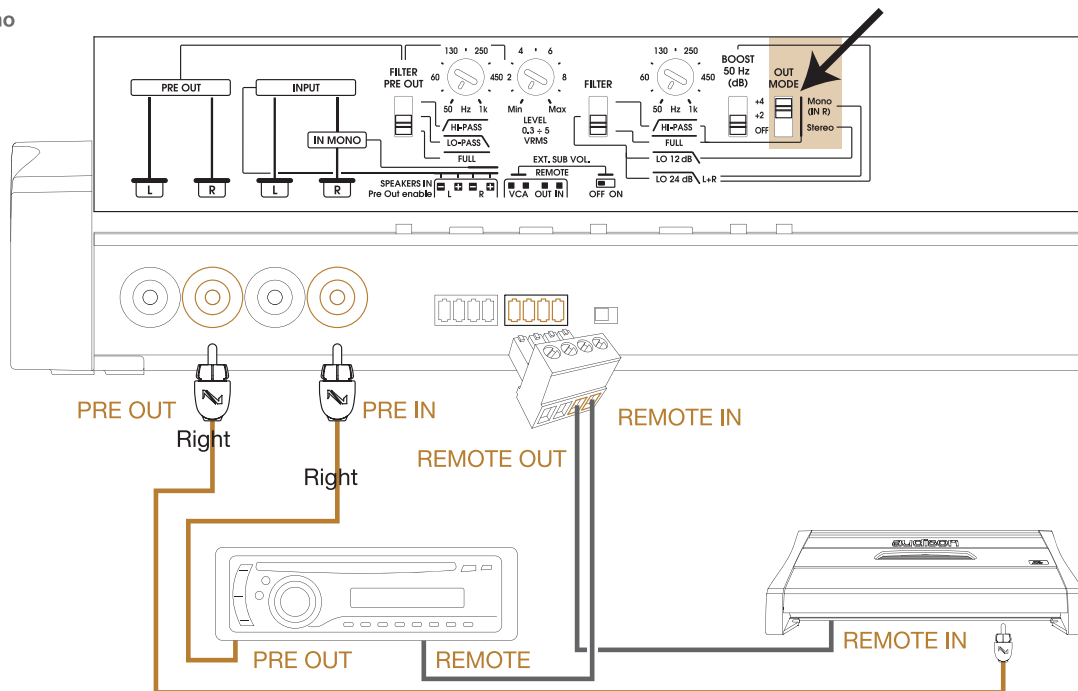
INPUTS

Speaker in mono



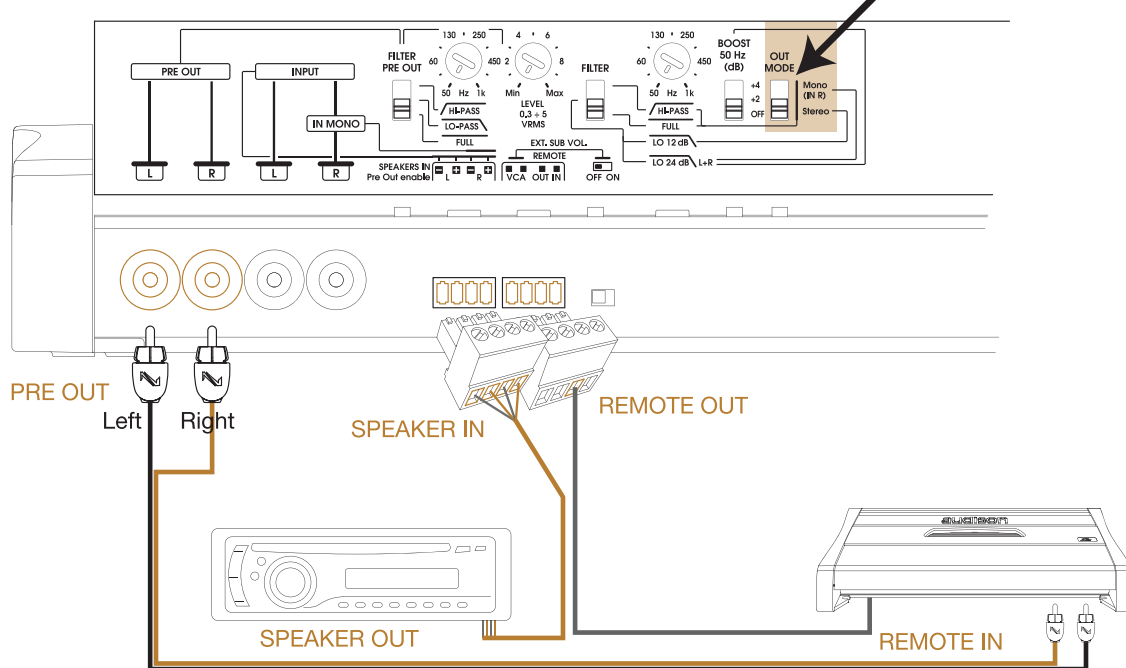
INPUTS

Pre in mono



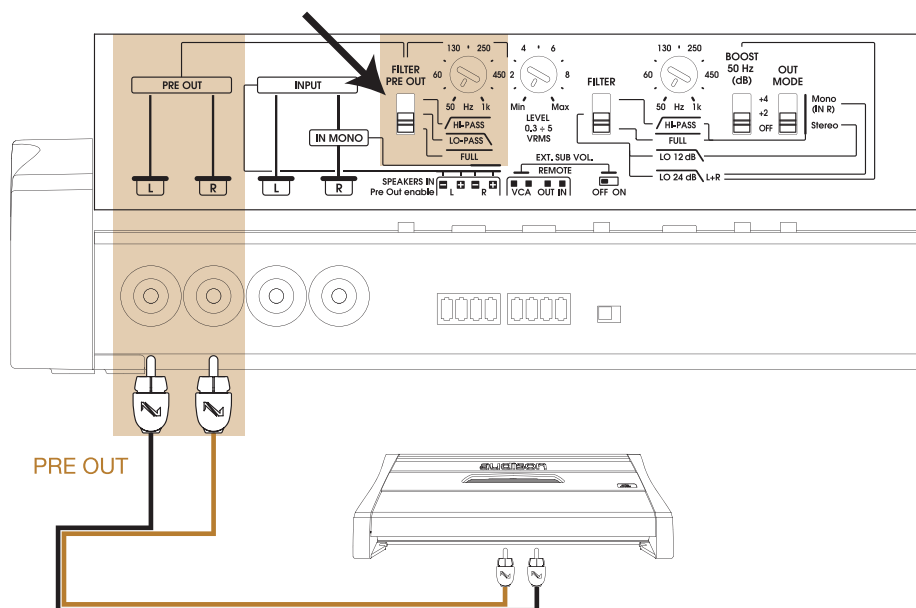
INPUTS

Speaker in stereo



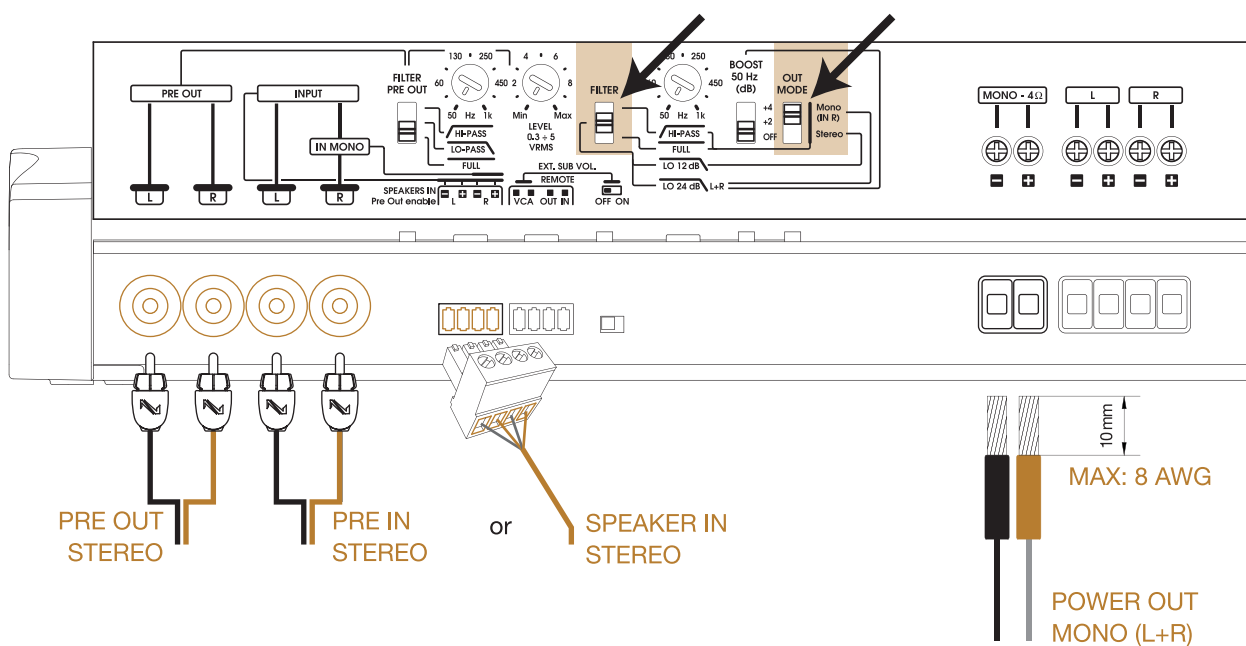
OUTPUTS

Filtered PRE OUT



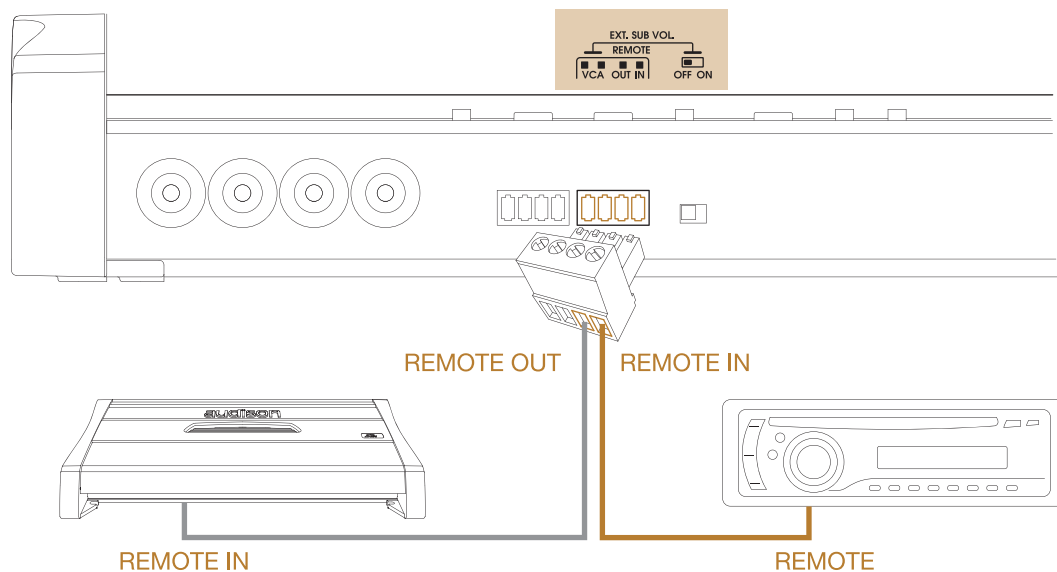
OUTPUTS

Pre out stereo with power out mono



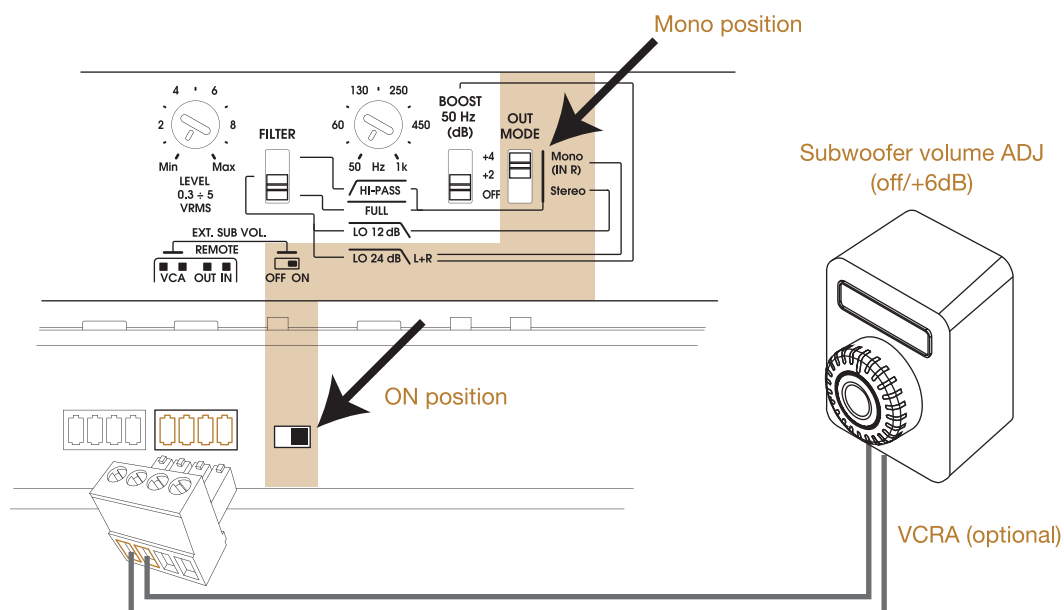
Functions

Remote



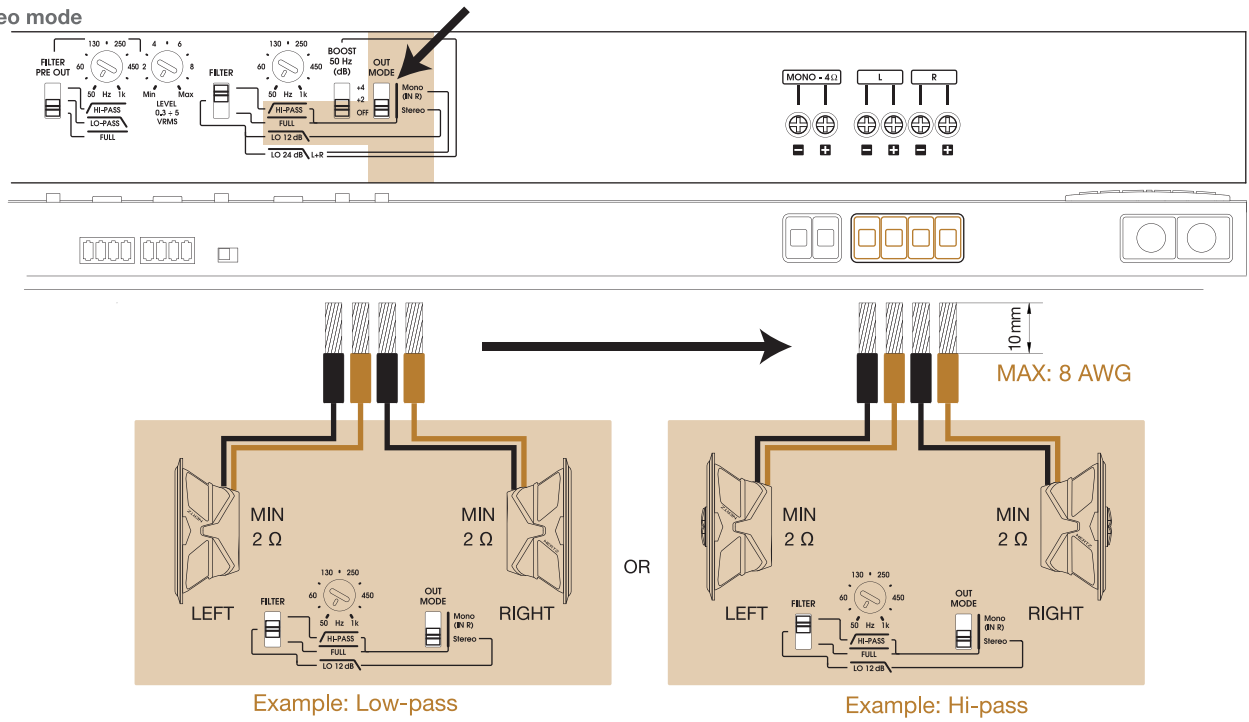
Functions

Subwoofer remote control



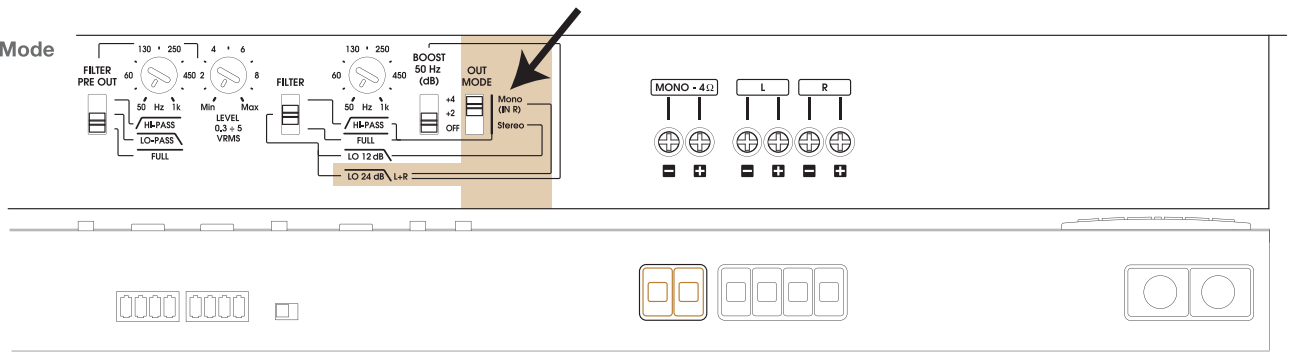
Power outputs

Stereo mode

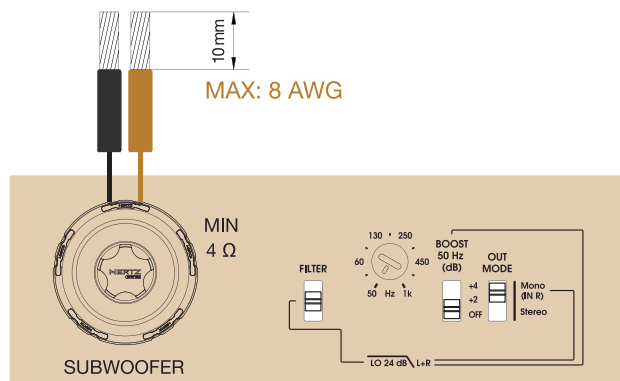
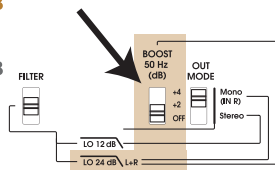
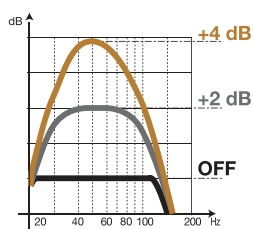


Power outputs

Mono Mode



Boost



Specifications

Configuration table

Conf.	AMP IN STEREO			Conf.	AMP IN MONO			Conf.	PRE OUT		
1				1				1			
2				2				2			
3				3				3			

	STEREO		MONO
INPUT	L & R	L & R	R
FILTER	Bypass	HI/LO-PASS 12 dB	LO-PASS 24 dB
PRE OUT	L & R Bypass/Filtered	L & R Bypass/Filtered	R Bypass/Filtered
AMP	L & R Filtered	L & R Filtered	MONO Filtered

Caution

