

audison

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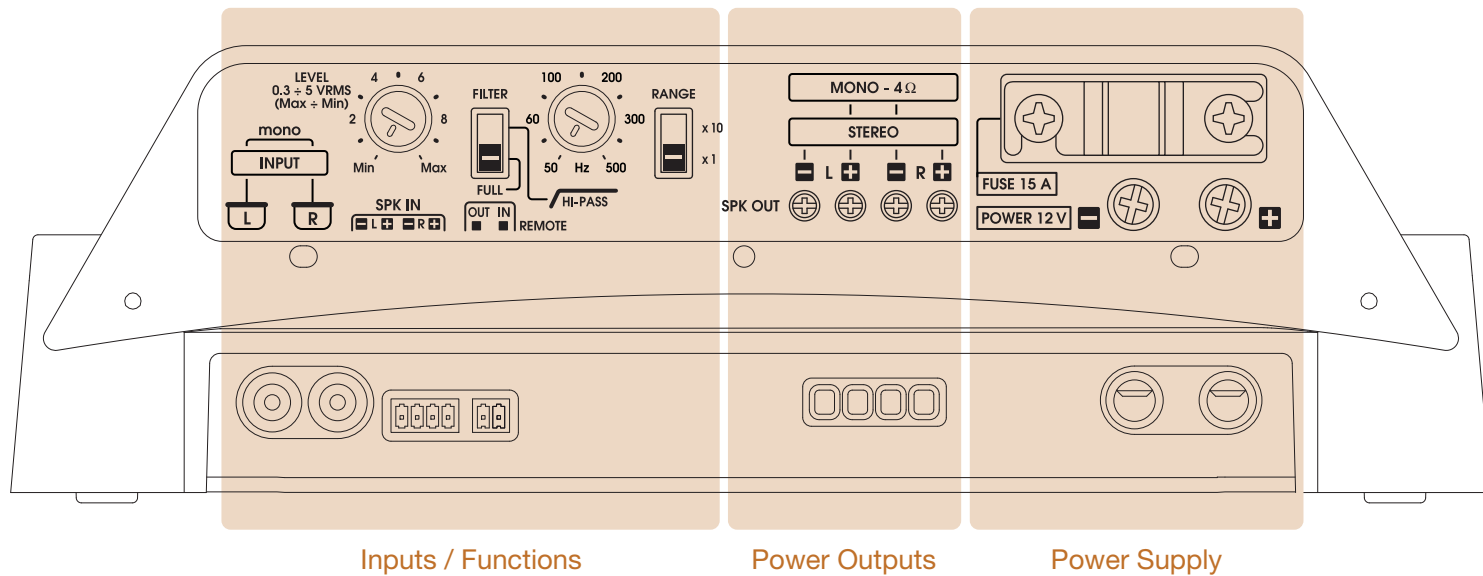
ADVANCED WEB MANUAL

SR₂

180W Power Amplifier
Stereo power amplifier with crossover

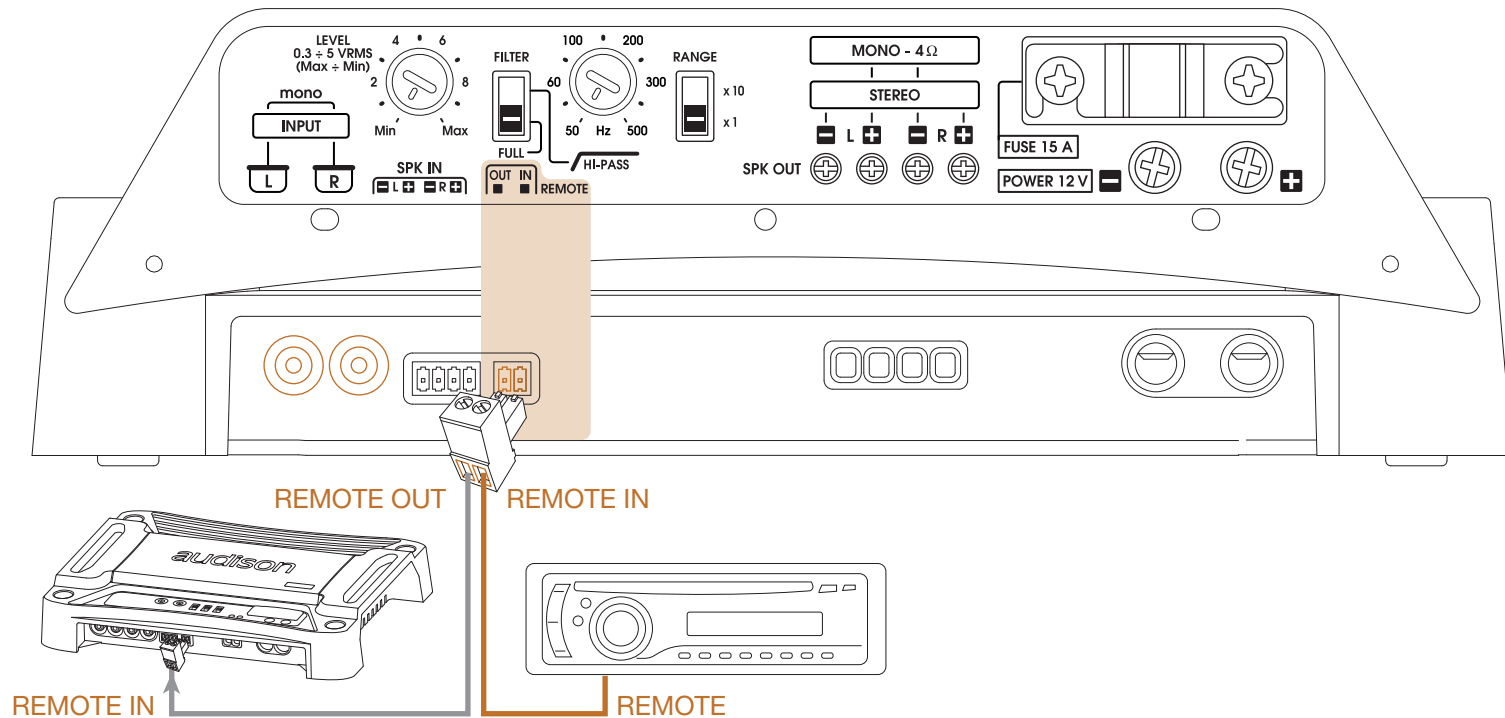
SPECIFICATIONS

Control panel and terminals



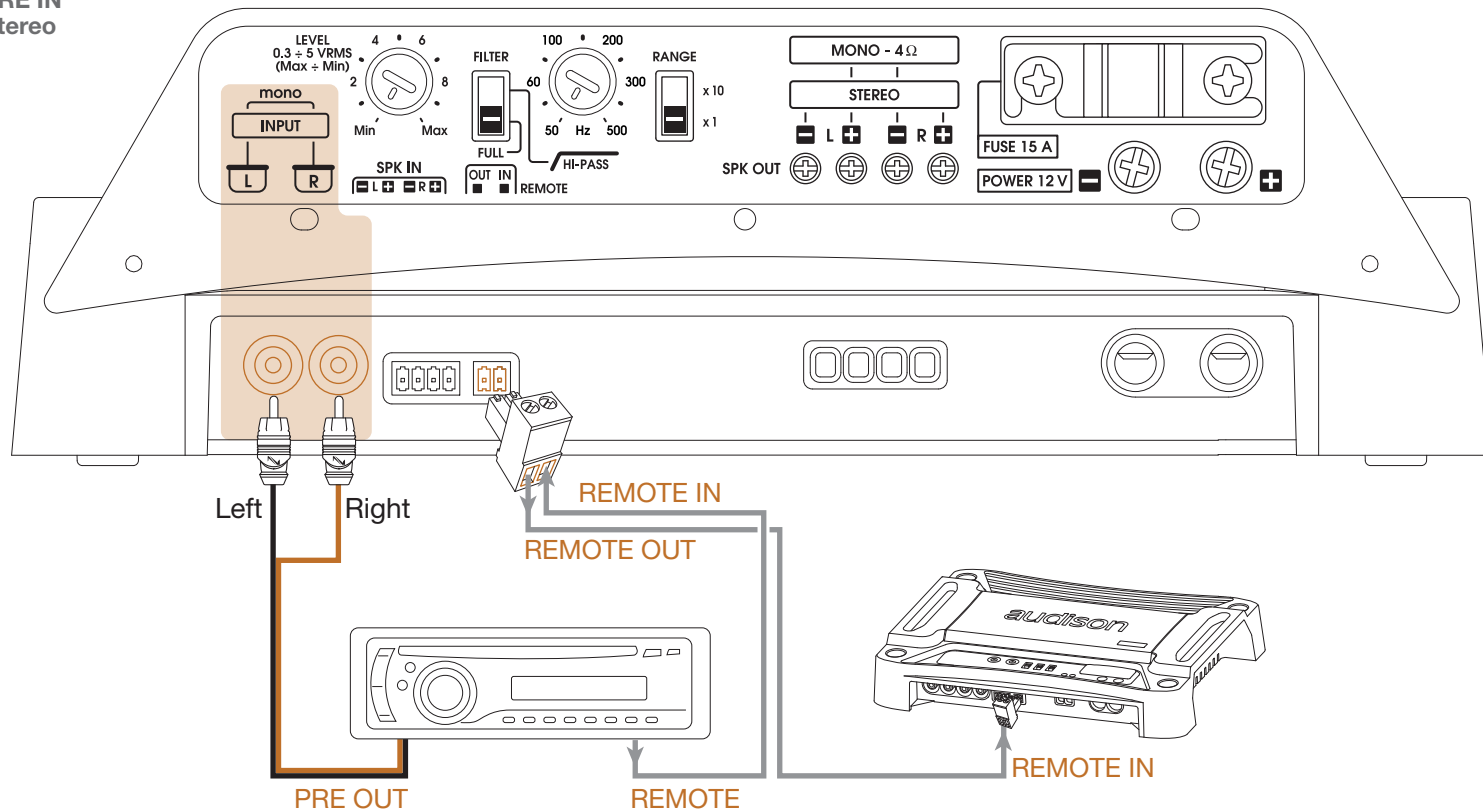
FUNCTIONS

Remote



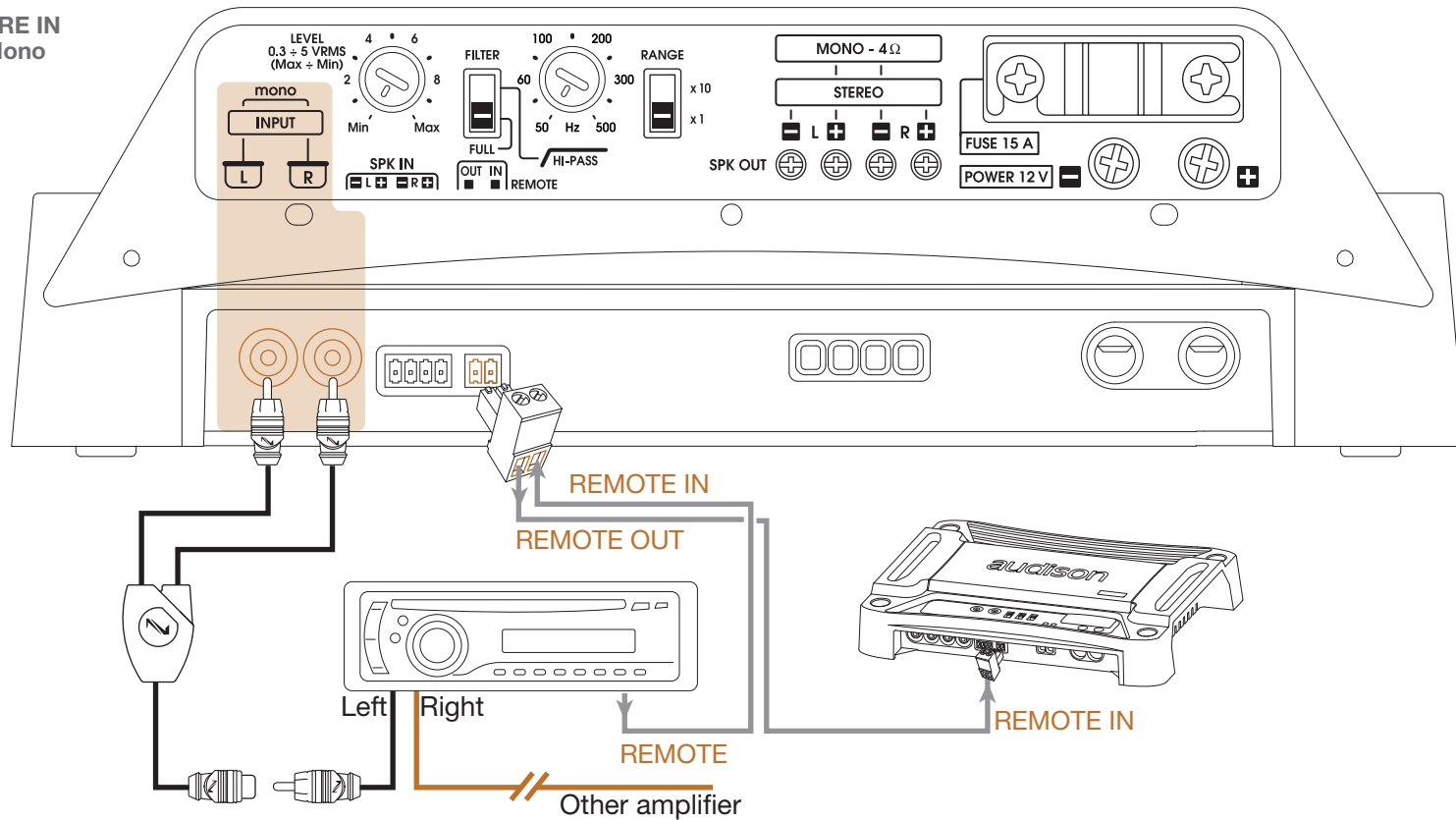
INPUTS

PRE IN
Stereo



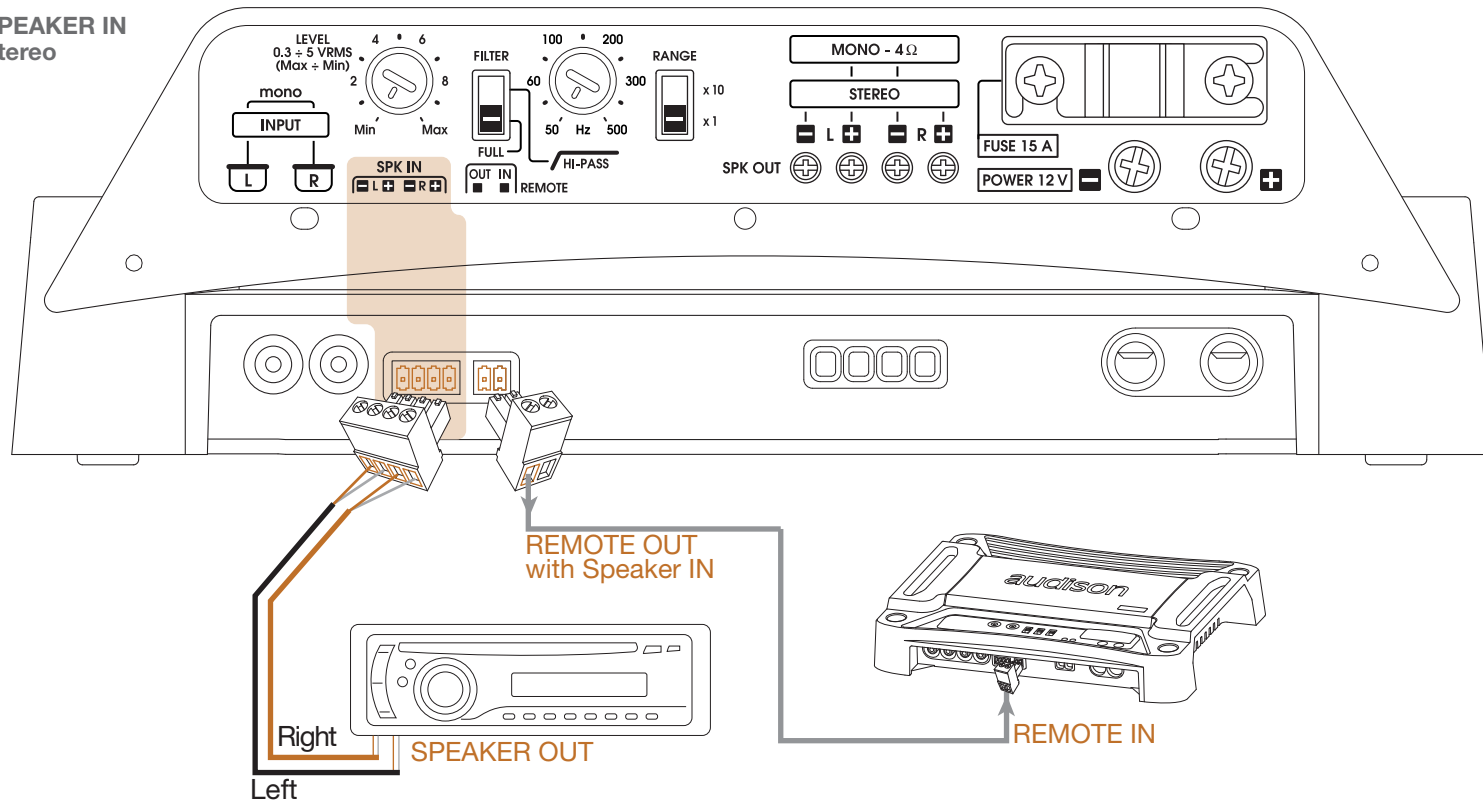
INPUTS

PRE IN
Mono



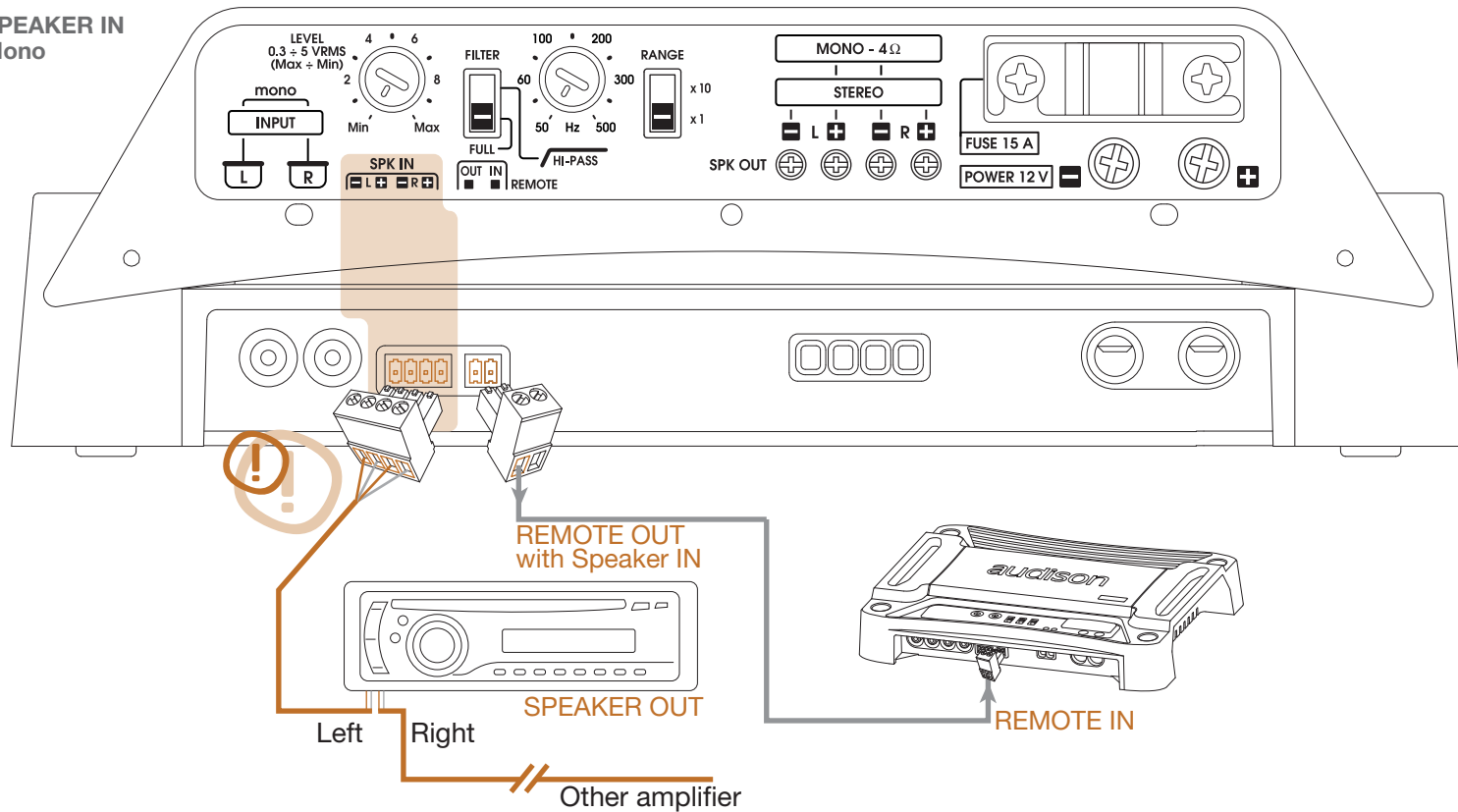
INPUTS

SPEAKER IN Stereo



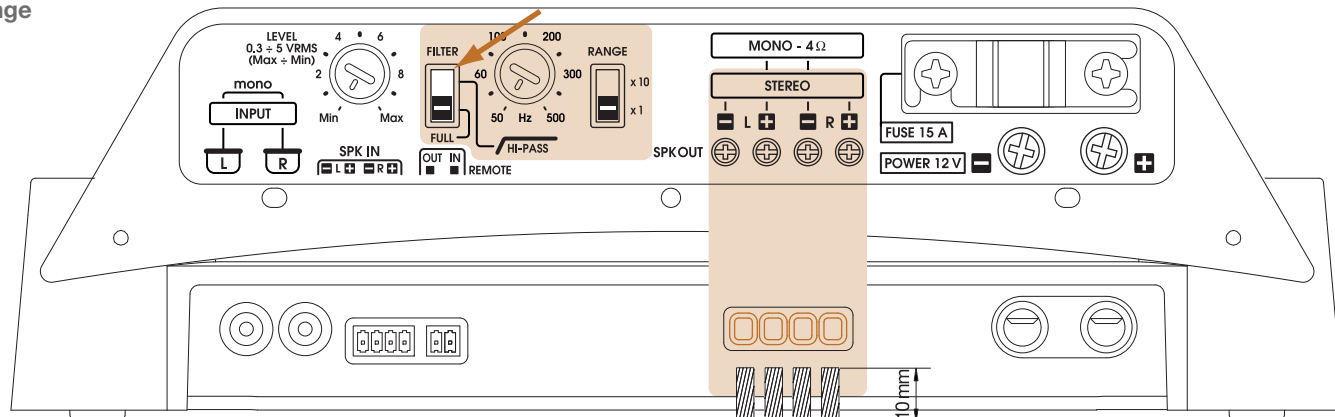
INPUTS

SPEAKER IN Mono

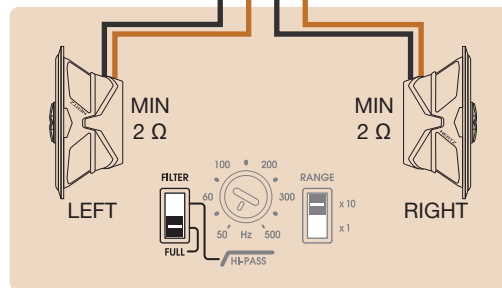
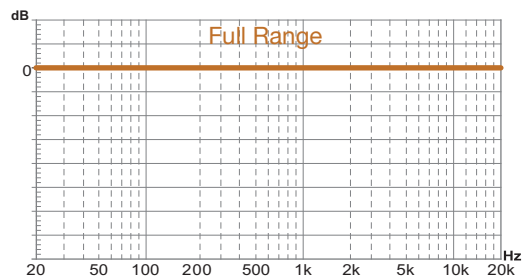


POWER OUTPUTS

Stereo Mode Full Range

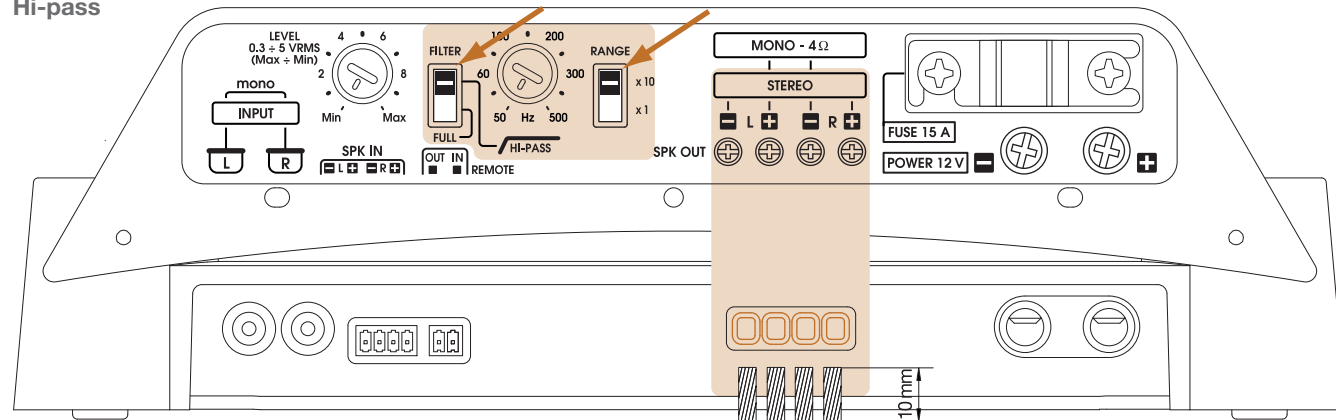


MAX: 8 AWG

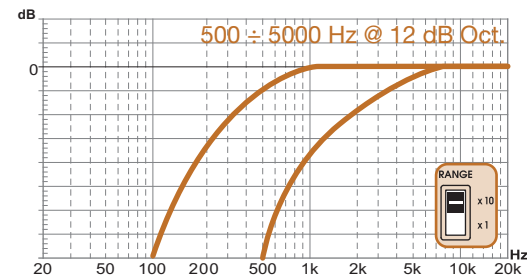
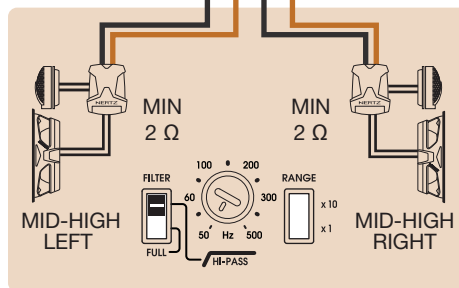
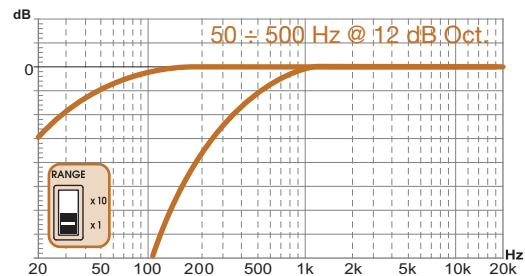


POWER OUTPUTS

Stereo Mode Hi-pass

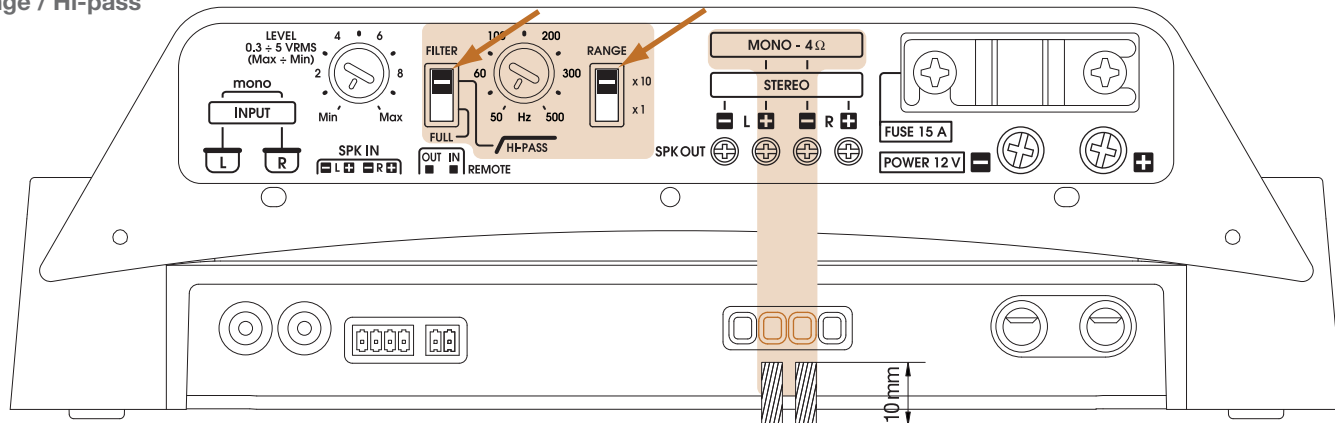


MAX: 8 AWG

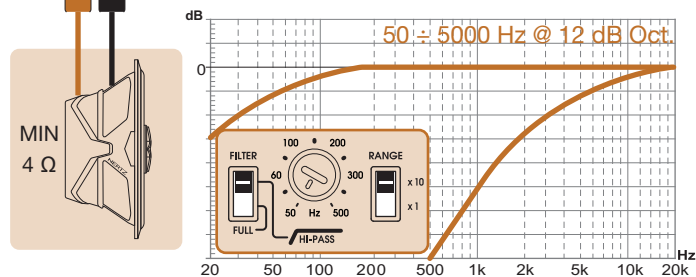
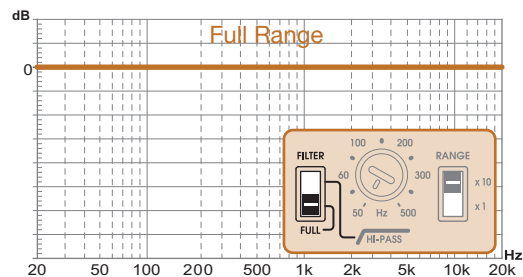


POWER OUTPUTS

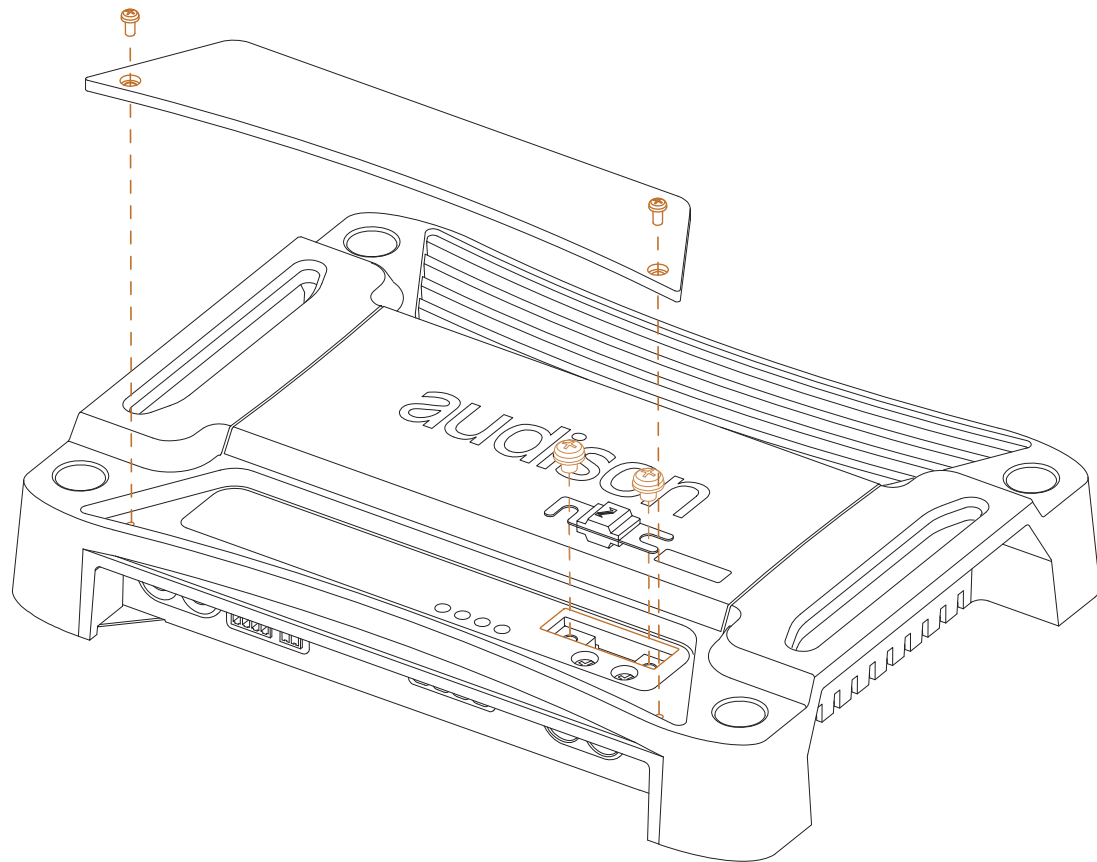
Mono Mode Full Range / Hi-pass



MAX: 8 AWG



COVER and FUSE



TECHNICAL SPECIFICATIONS

Power Supply

Voltage:	11÷15 VDC
Idling current:	0.4 A
Switched off:	<0.01 mA
Remote IN voltage:	7÷15 VDC (1 mA)
Remote OUT voltage:	11÷15 VDC (15 mA)
Internal fuse (AFS):	15 A
Consumption @ 14.4 VDC, 2 Ω ,	
Max Musical Power:	11 A

Inputs/Filters

Inputs	Pre / Speaker
Stereo Filters	Full / Hi-pass : 50 ÷ 5k Hz @ 12 dB/Oct.
Mono Filters	Full / Hi-pass : 50 ÷ 5k Hz @ 12 dB/Oct.

Size

WxHxD (mm)	213 x 53.5 x 288
WxHxD (inches)	$8^{7/16} \times 2^{1/8} \times 11^{3/8}$
Weight (kg)	2.4
Weight (lb)	5.29

Amplifier stage

Distortion - THD @ 1 kHz, 4 Ω , 90% Power:	0.07 %
Bandwidth @ -3 dB, 2 VRMS, 4 Ω :	15 ÷ 50k Hz
S/N ratio @ A weighted, 1 V, Max Power:	100 dB
Damping factor @ 1 kHz, 2 VRMS, 4 Ω :	200
Input sensitivity (PRE IN):	0.3 ÷ 5 VRMS
Input sensitivity (SPEAKER IN):	1 ÷ 15 VRMS
Input impedance (PRE IN):	15 k Ω
Input impedance (SPEAKER IN):	100 Ω
Load impedance (Min):	
2 Ch	2 Ω
1 Ch	4 Ω
Nominal power (RMS) @12 VDC; 1% THD, 4 Ω :	45 W x 2
Output power (RMS) @14.4 VDC; 1% THD:	
2 Ch @ 4 Ω	60 W x 2
2 Ch @ 2 Ω	90 W x 2
1 Ch @ 4 Ω	180 W x 1

CEA Specifications

Output Power @	
4 Ω , $\leq$ 1% THD+N, 14.4 V:	60 W x 2 Ch
S/N ratio (ref. 1W output):	
60 W Channels:	83 dBA



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