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SR5

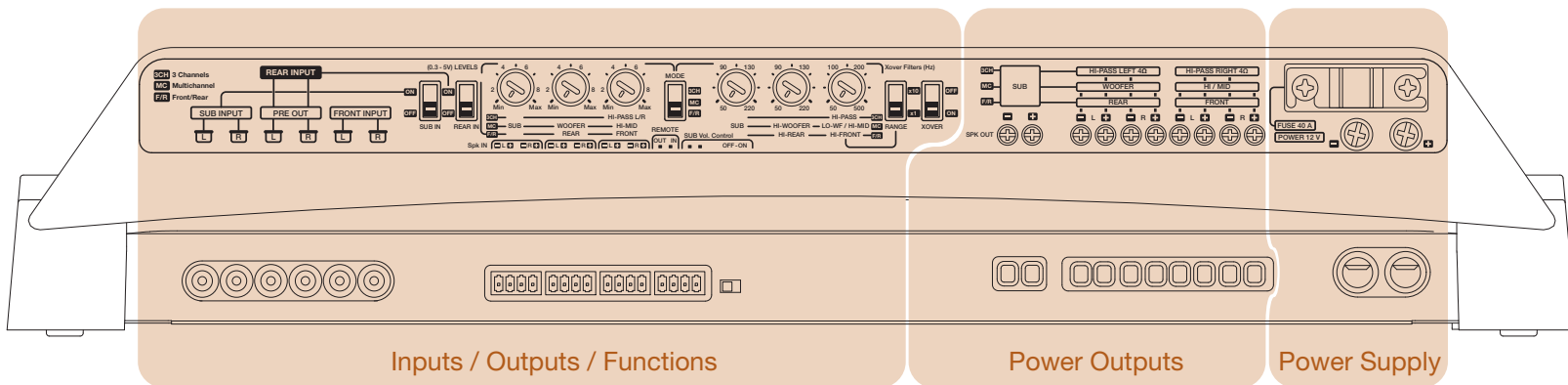
540W Power Amplifier
Five channel amplifier with crossover

ADVANCED WEB MANUAL



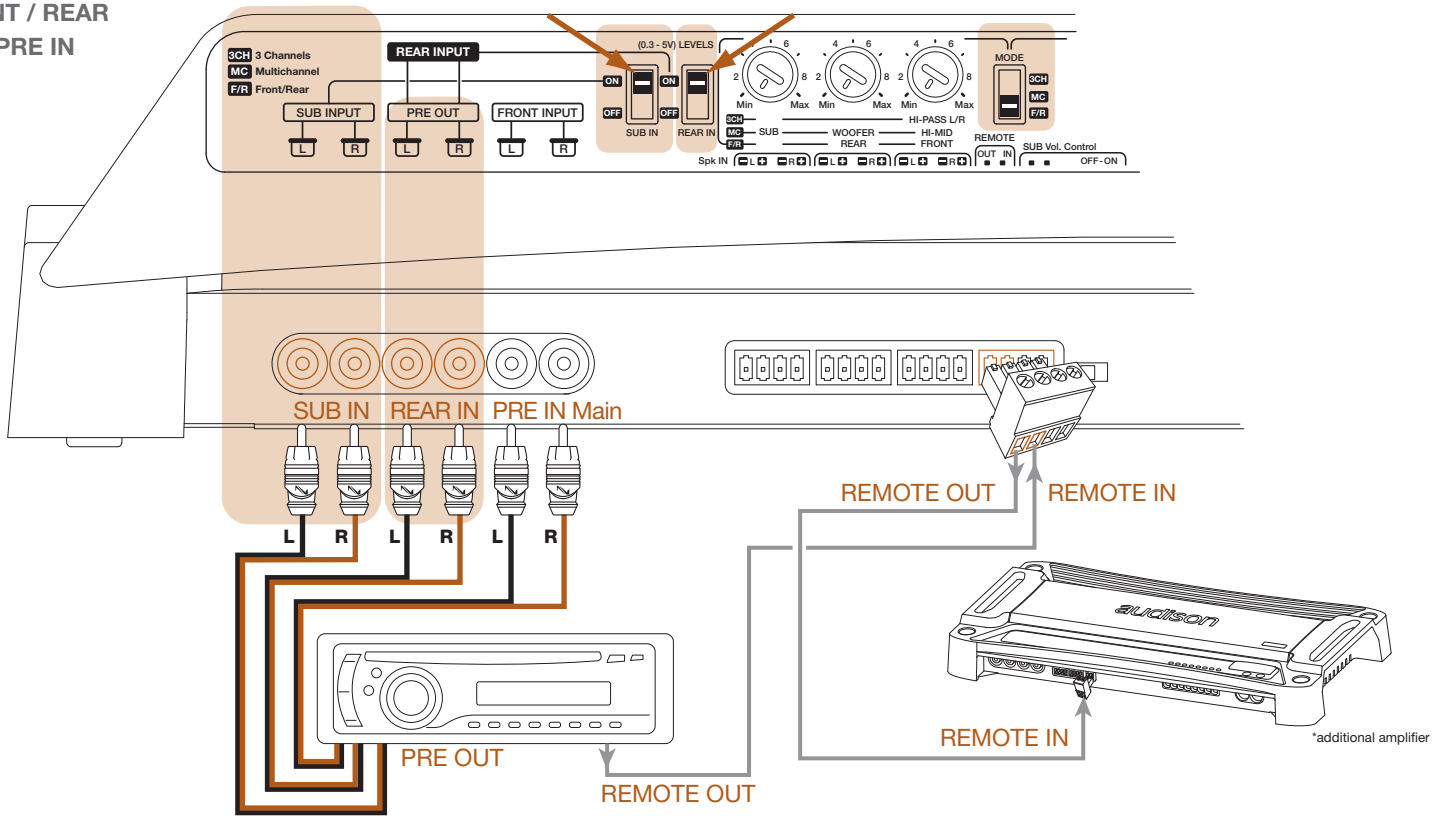
CONTROL SECTIONS

Control panel and terminals



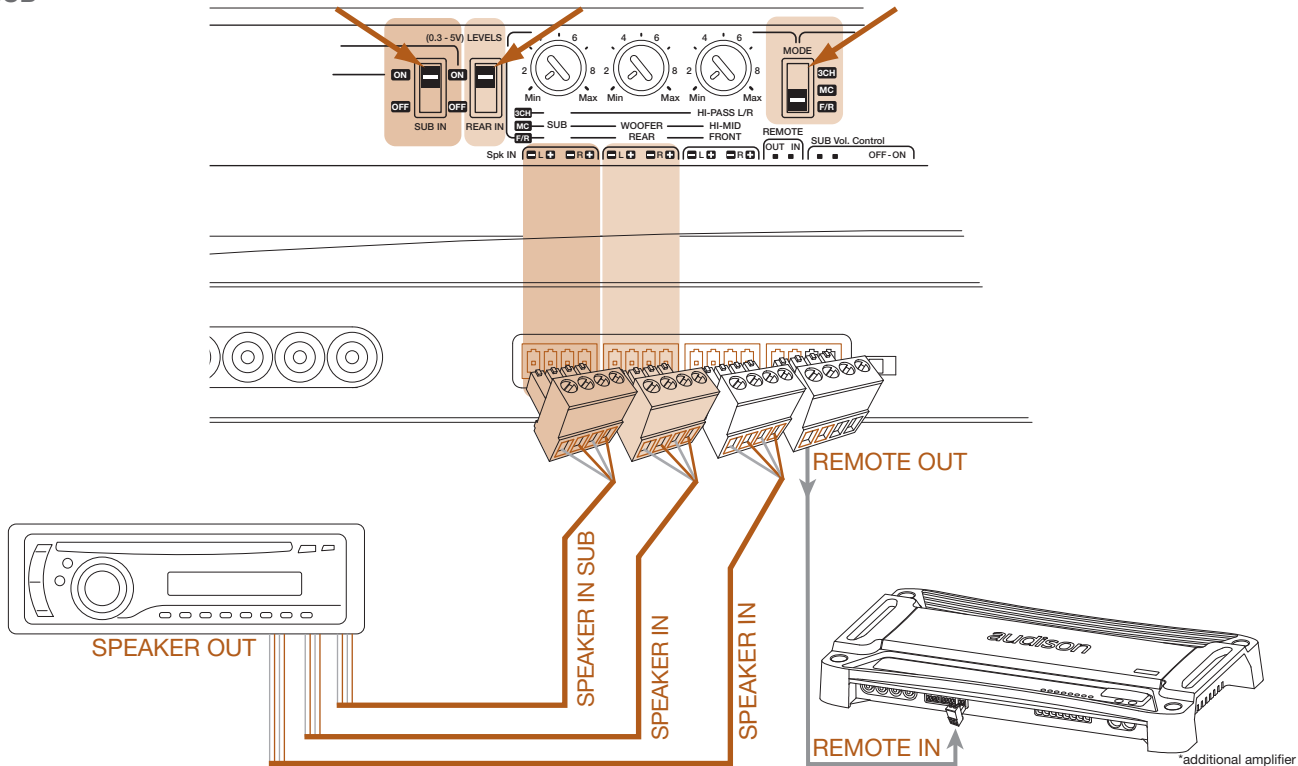
INPUTS

FRONT / REAR
SUB PRE IN



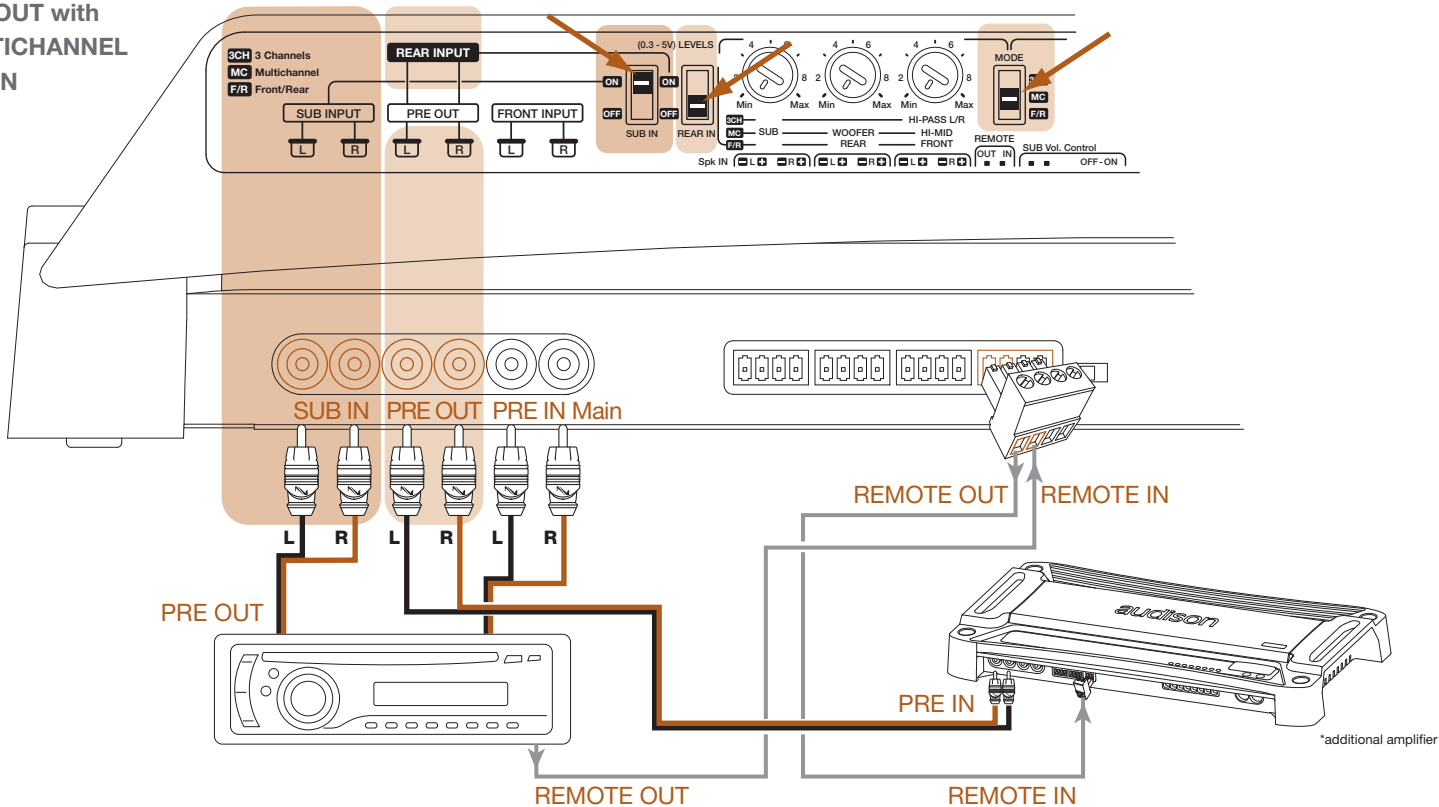
INPUTS

FRONT / REAR / SUB SPEAKER IN



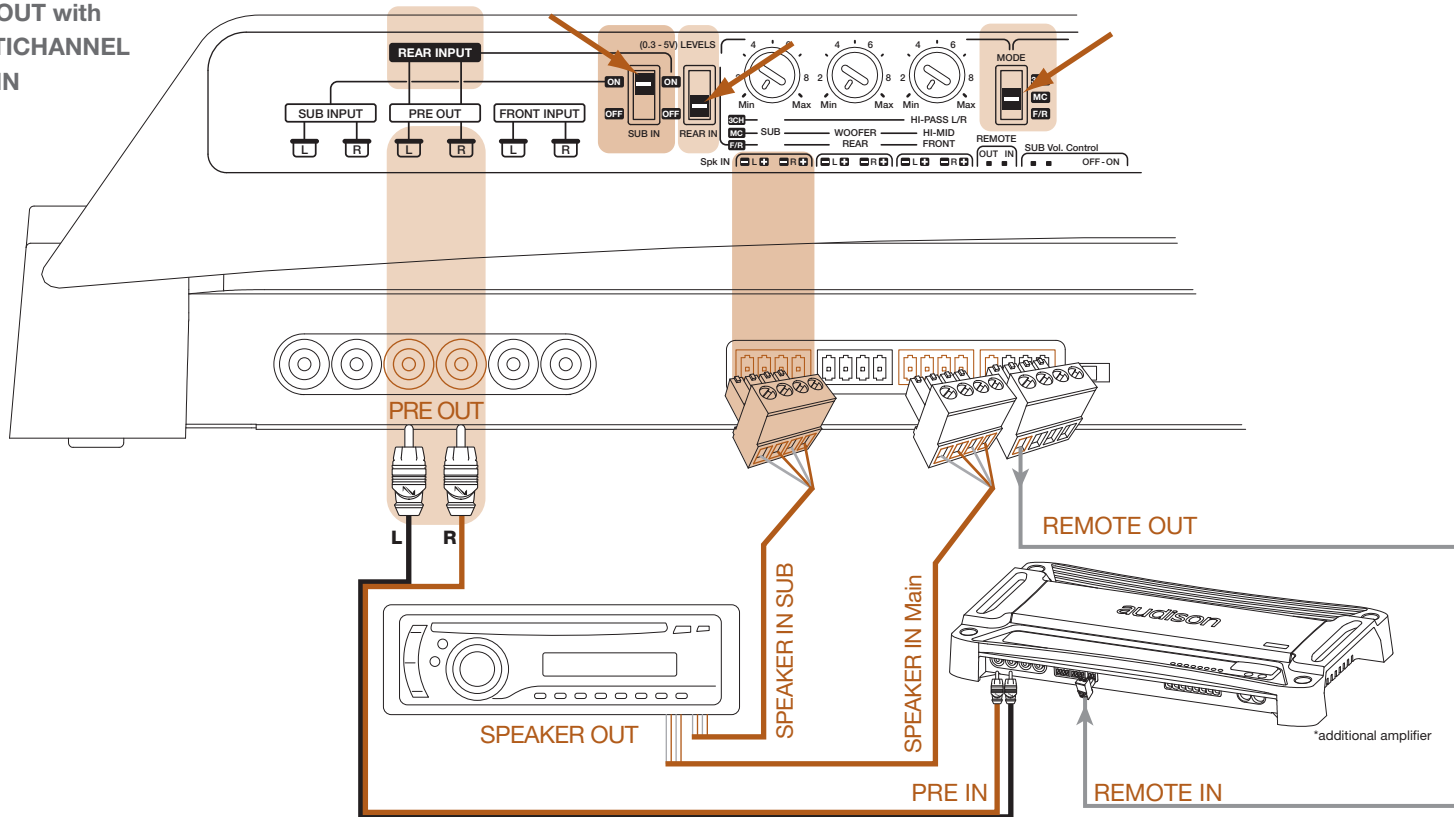
INPUTS

PRE OUT with
MULTICHANNEL
PRE IN



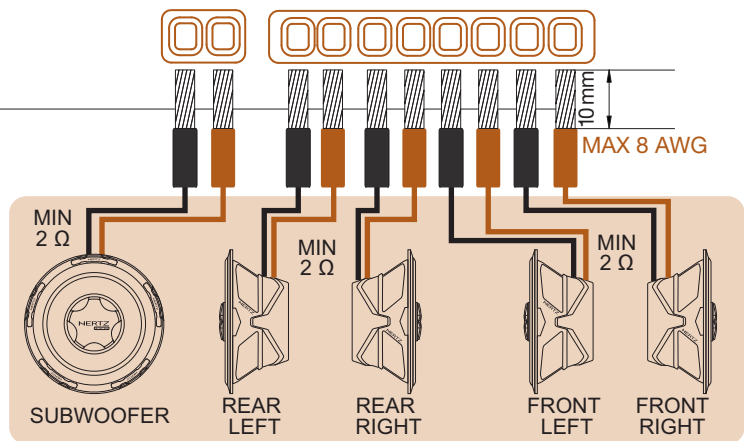
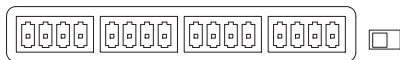
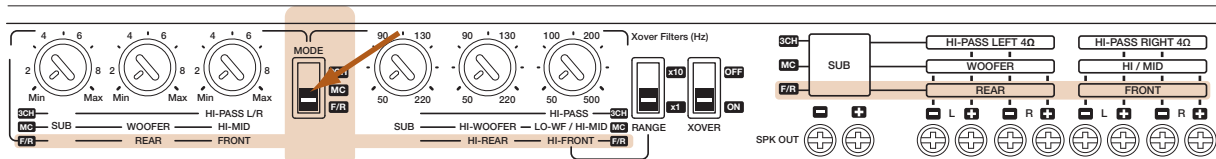
INPUTS

PRE OUT with
MULTICHANNEL
PRE IN



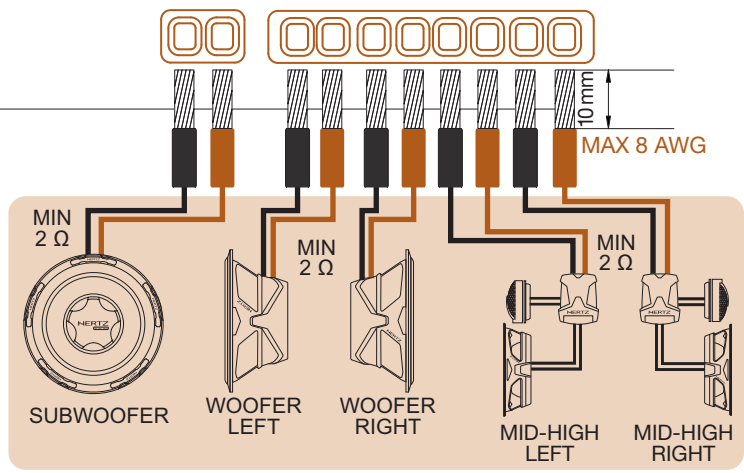
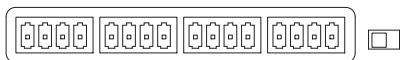
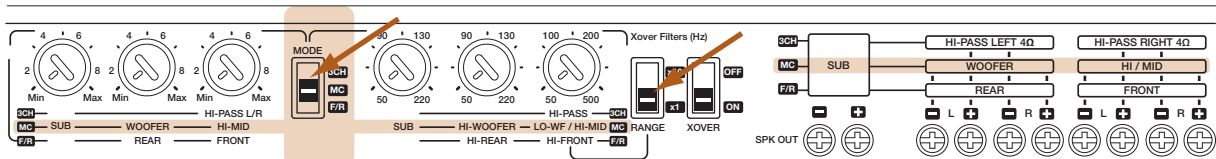
POWER OUTPUTS

FR Mode: FRONT / REAR



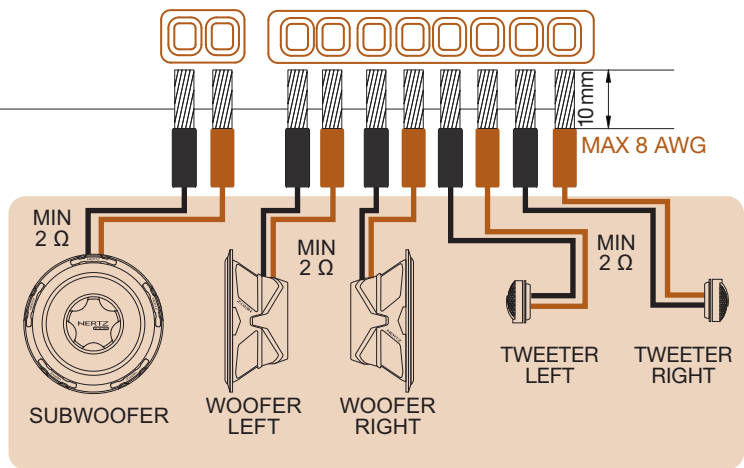
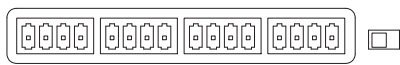
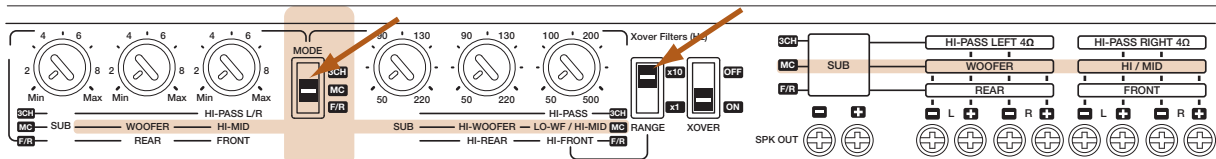
POWER OUTPUTS

MC Mode: MULTICHANNEL 3 Way + SUB



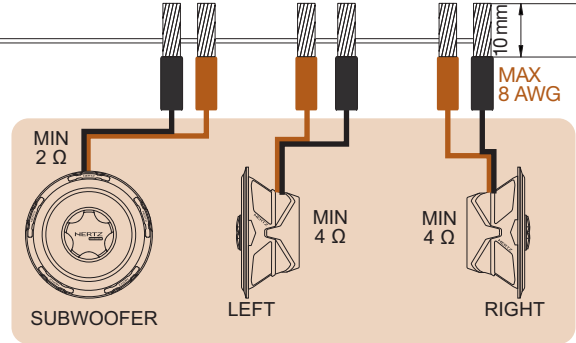
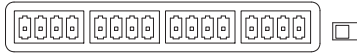
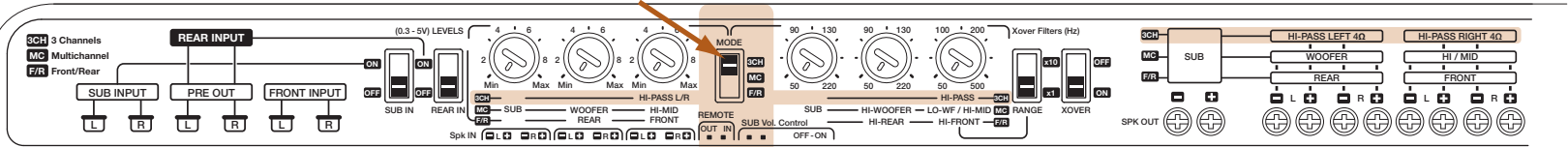
POWER OUTPUTS

MC Mode: MULTICHANNEL 2 Way + SUB



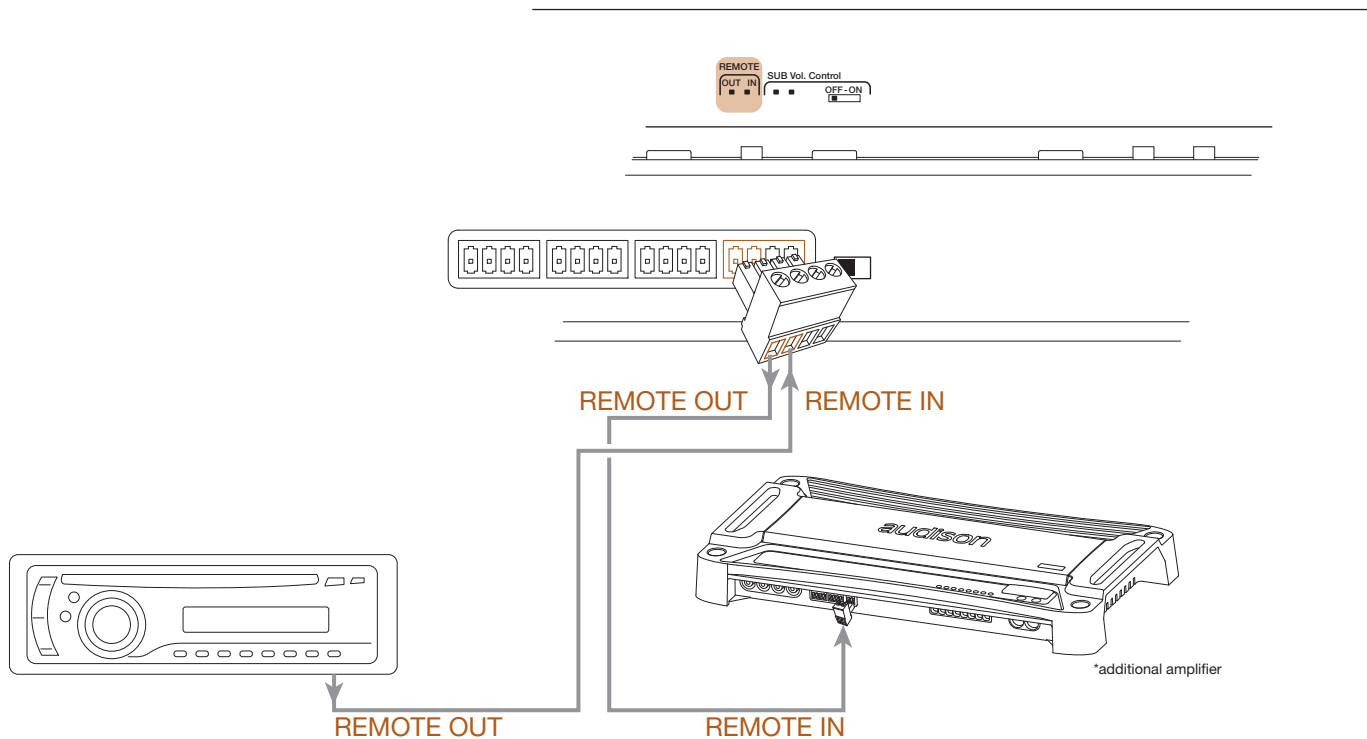
POWER OUTPUTS

3 CH Mode: 3 CHANNELS

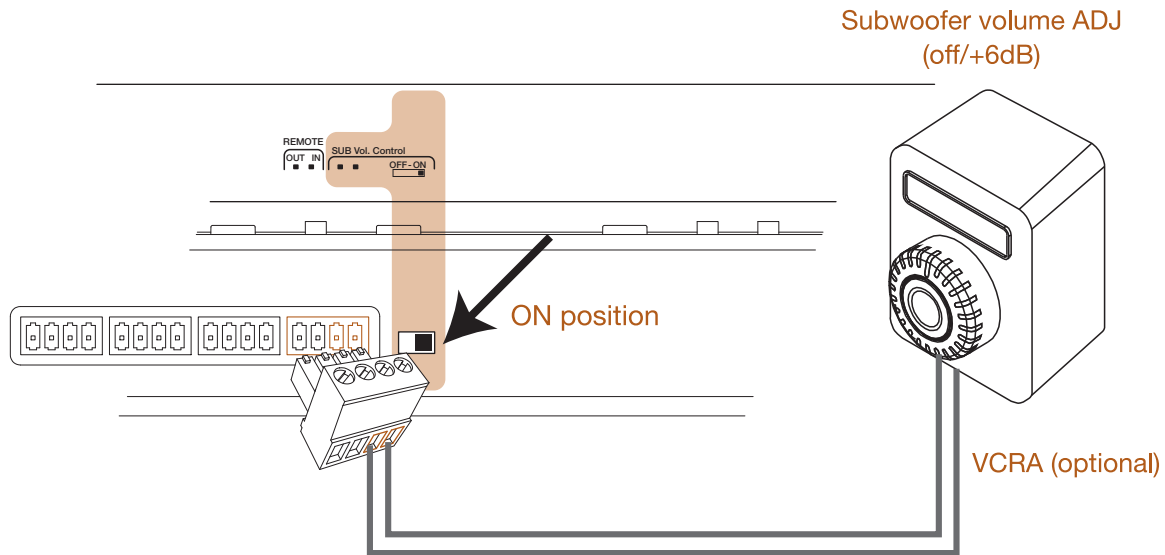


FUNCTIONS

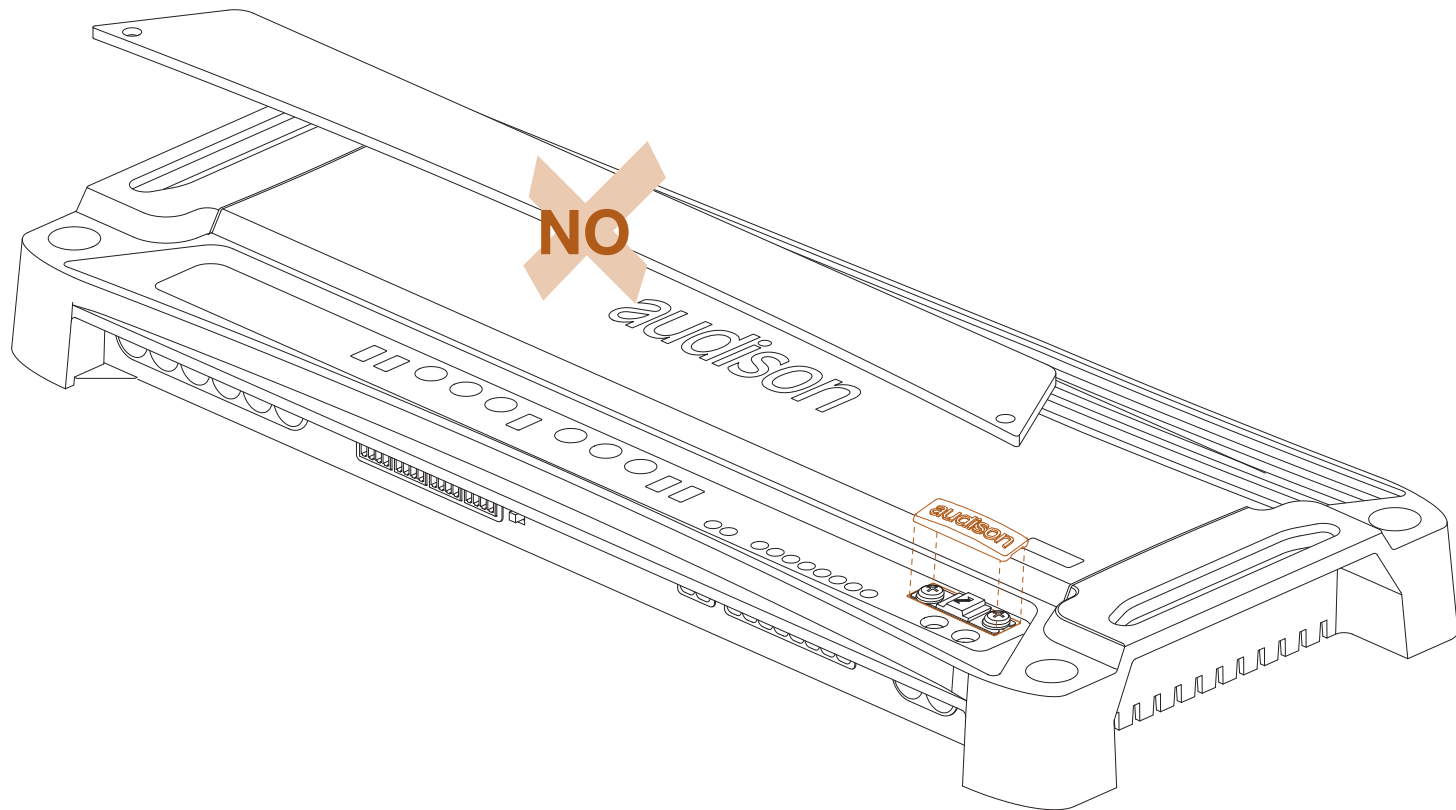
REMOTE



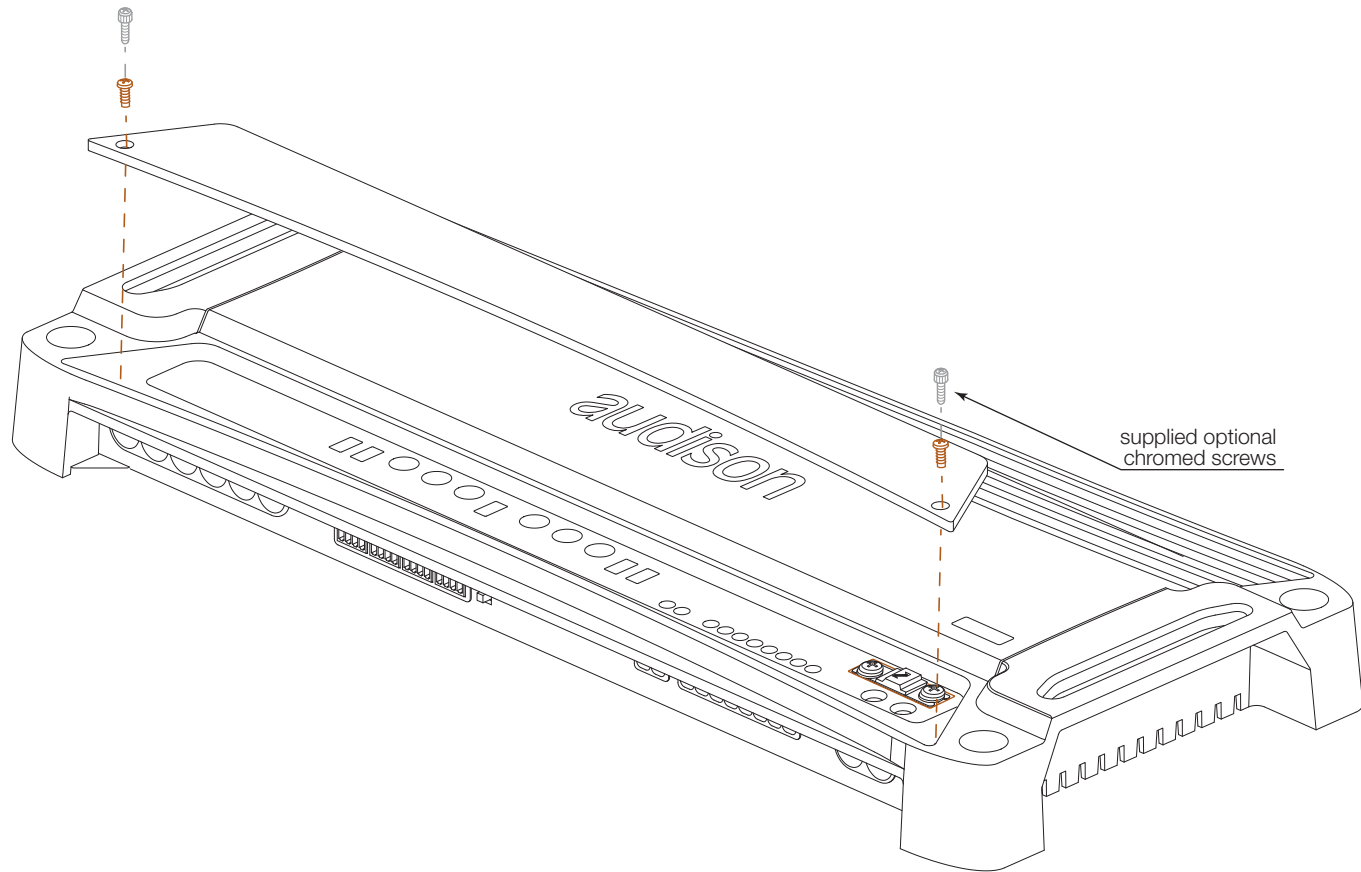
SUBWOOFER REMOTE CONTROL



COVER FUSE



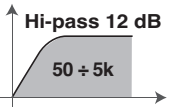
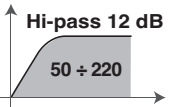
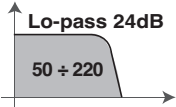




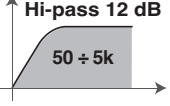
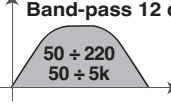
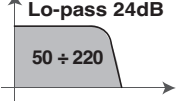




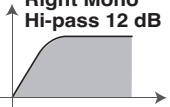
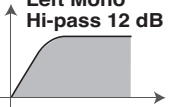
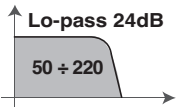











CONTROL COVER



SPECIFICATIONS

Configuration table

CONFIG.		SPEAKERS OUT			INPUTS		
XOVER	MODE	FRONT Ch.	REAR Ch.	SUB Ch.	FRONT Ch.	REAR Ch.	SUB Ch.
 OFF ON	 3CH MC FR	 <p>Hi-pass 12 dB 50 ÷ 5k</p>	 <p>Hi-pass 12 dB 50 ÷ 220</p>	 <p>Lo-pass 24dB 50 ÷ 220</p>	Input	 ON OFF PRE OUT	 ON OFF
 OFF ON	 3CH MC FR	 <p>Hi-pass 12 dB 50 ÷ 5k</p>	 <p>Band-pass 12 dB 50 ÷ 220 50 ÷ 5k</p>	 <p>Lo-pass 24dB 50 ÷ 220</p>	Input	 ON OFF PRE OUT	 ON OFF
 OFF ON	 3CH MC FR	 <p>Right Mono Hi-pass 12 dB</p>	 <p>Left Mono Hi-pass 12 dB</p>	 <p>Lo-pass 24dB 50 ÷ 220</p>	Input	 ON OFF PRE OUT	 ON OFF
 OFF ON	 3CH MC FR	 <p>Full</p>	 <p>Full</p>	 <p>Full</p>	Input	 ON OFF PRE OUT	 ON OFF

TECHNICAL SPECIFICATIONS

Power Supply

Voltage:	11 ÷ 15 VDC
Minimum idling current:	1,2 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):	40 A
Consumption @ 14.4 VDC (Max Musical Power):	42 A

Inputs/Outputs/Filters

Inputs	Pre IN / Speaker IN
Outputs	Pre
FR Mode: Front Filter	Bypass / Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
FR Mode: Rear Filter	Bypass / Hi-pass: 50 ÷ 220 Hz @ 12 dB/Oct.
MC Mode: Woofer Filter	Bandpass: 50 ÷ 220 / 50 ÷ 5k Hz @ 12 dB/Oct.
MC Mode: Mid-High Filter	Hi-pass : 50 ÷ 5k Hz @ 12 dB/Oct.
3CH Mode: L/R Filter	Bypass / Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
SUB Filter	Bypass / Lo-pass 50 ÷ 220 Hz @ 24 dB/Oct.
Sub remote volume control	OFF / 0dB / +6dB

Size

WxHxD (mm / inches)	213x 53.5 x 508 / 8 ^{7/16} x 2 ^{11/8} x 20"
Weight (kg/lb)	4.4 / 9.7

Amplifier stage

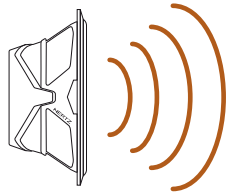
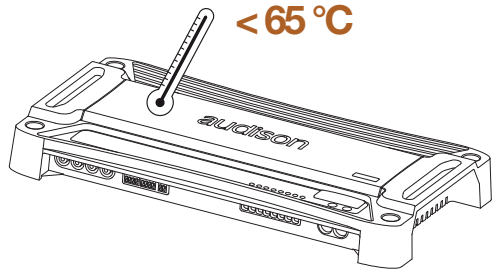
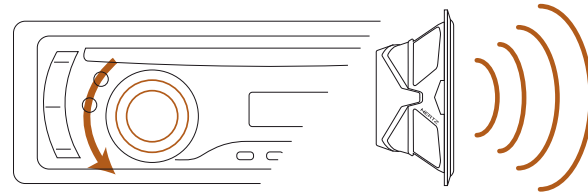
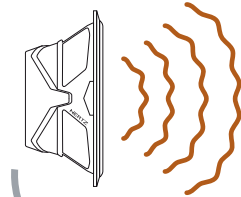
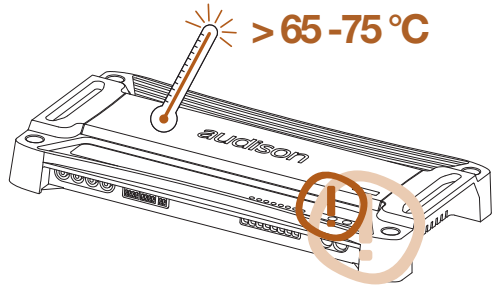
Distortion Front, Rear Ch -THD (1 kHz@4Ω):	0.08 %
Distortion SUB Ch -THD (100 Hz@4Ω):	0.03 %
Bandwidth Front, Rear / SUB Ch (-3 dB):	5 ÷ 50k Hz / 5 ÷ 500 Hz
S/N ratio (A weighted@1V):	98 dB
Damping factor Front, Rear / SUB Ch (1k / 100 Hz@4Ω):	100 / 500
Pre-In sensitivity:	0.3 ÷ 5V
Speaker-In sensitivity:	1 ÷ 15V
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%:	
5 Ch	55W x 4 (4Ω) + 185W x 1 (4Ω)
5 Ch	75W x 4 (2Ω) + 160W x 1 (4Ω)
5 Ch	50W x 4 (4Ω) + 300W x 1 (2Ω)
5 Ch	70W x 4 (2Ω) + 260W x 1 (2Ω)
3 Ch	150W x 2 (4Ω) + 160W x 1 (4Ω)
3 Ch	140W x 2 (4Ω) + 260W x 1 (2Ω)

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



CAUTION



Warning

At high temperatures the amplifier's power lowers down to prevent the sound from interrupting due to the fact that the thermal protection is triggered.

After prolonged listening at high volume, if you hear a distortion in the reproduction of power peaks, just turn down the volume for few minutes.

- Product temperature higher than 65°C = Power reduced by 1.5 dB
- Product temperature higher than 75°C = Power reduced by 3.0 dB

audison

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