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ADVANCED WEB MANUAL

Issued in September 2011

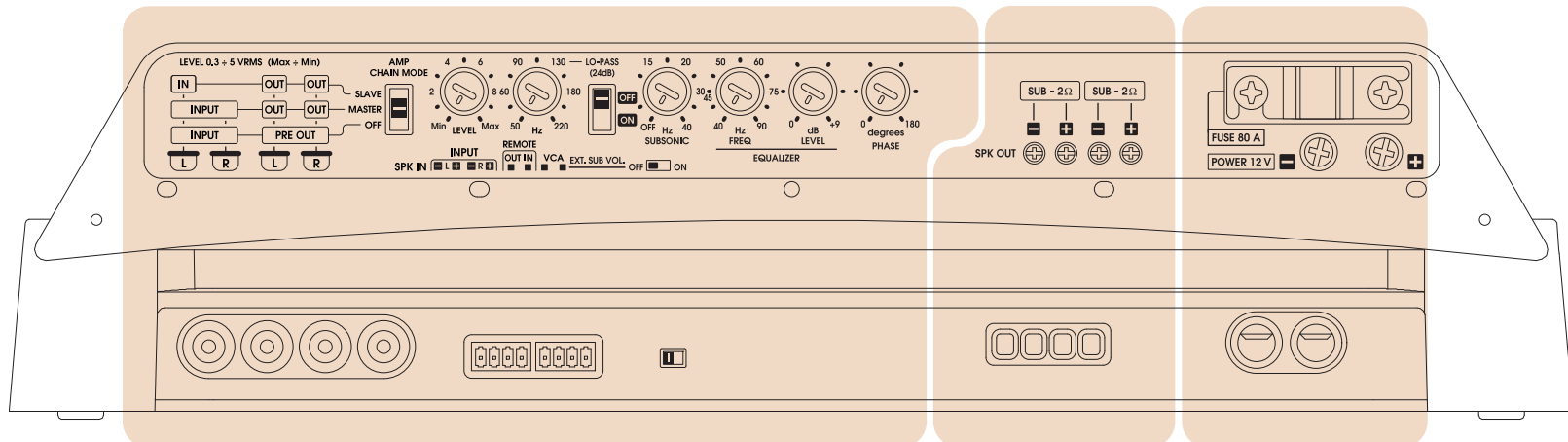
SR 10k

1200W Power Amplifier
Mono power amplifier with crossover



SPECIFICATIONS

Control panel and terminals



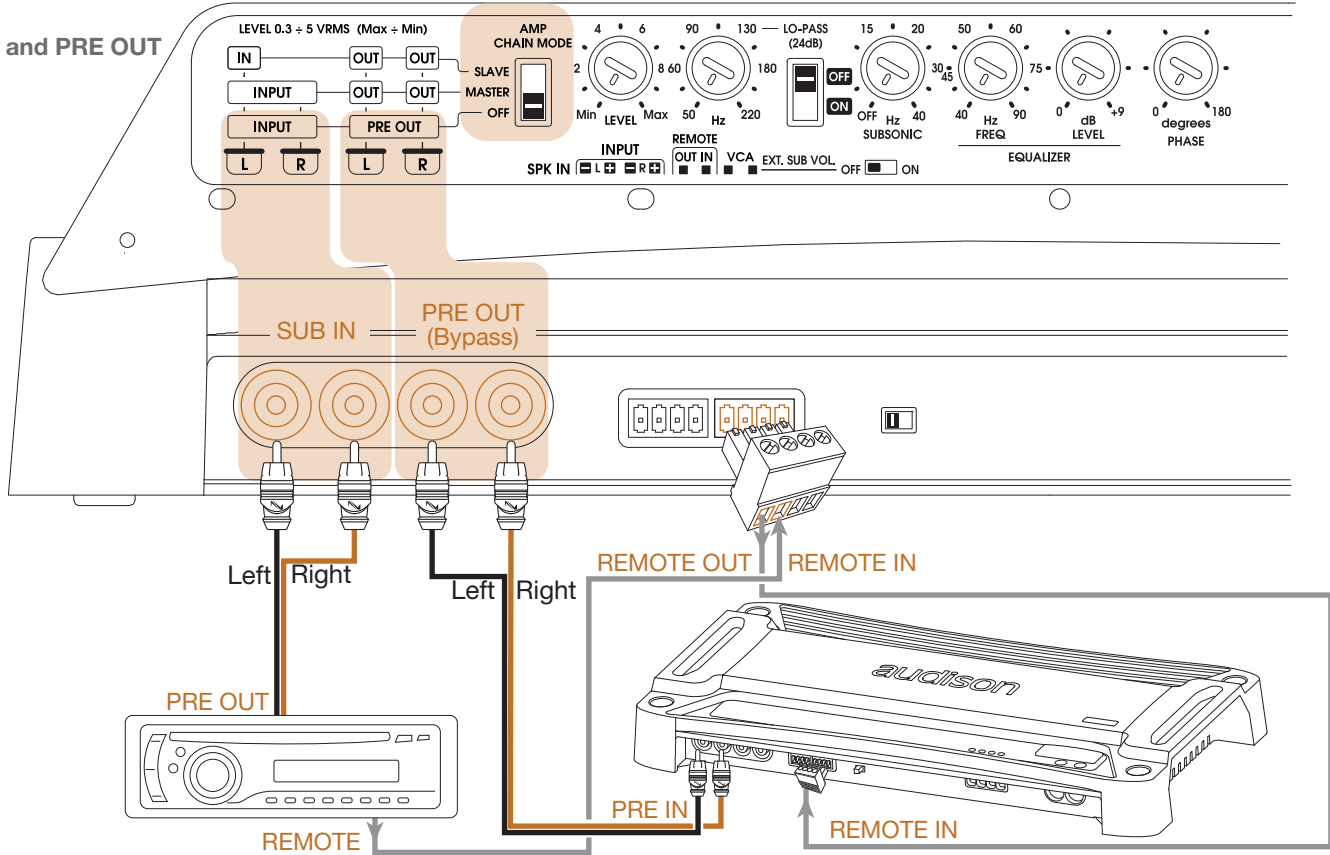
Inputs / Outputs / Functions

Power Outputs

Power Supply

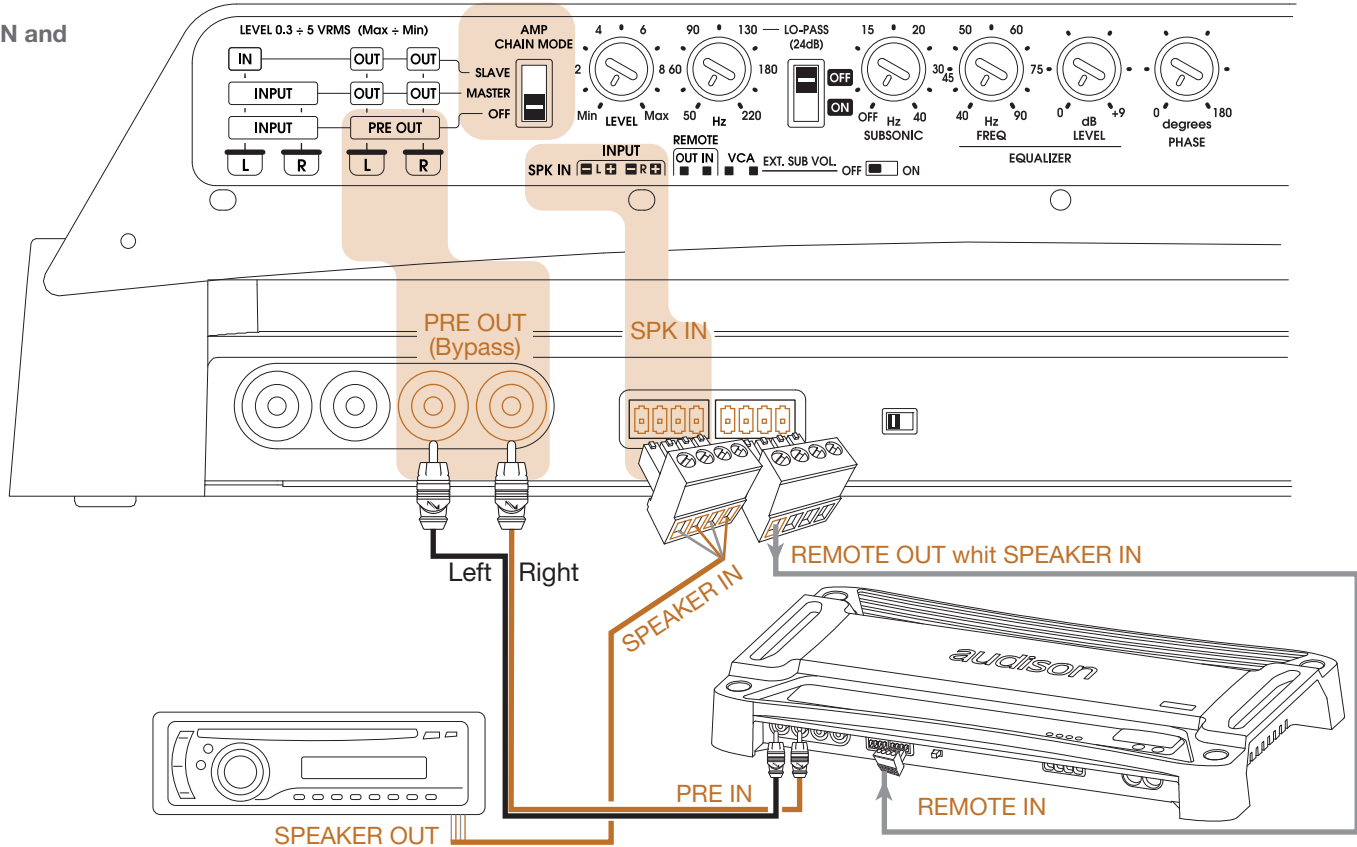
INPUTS

PRE IN and PRE OUT



INPUTS

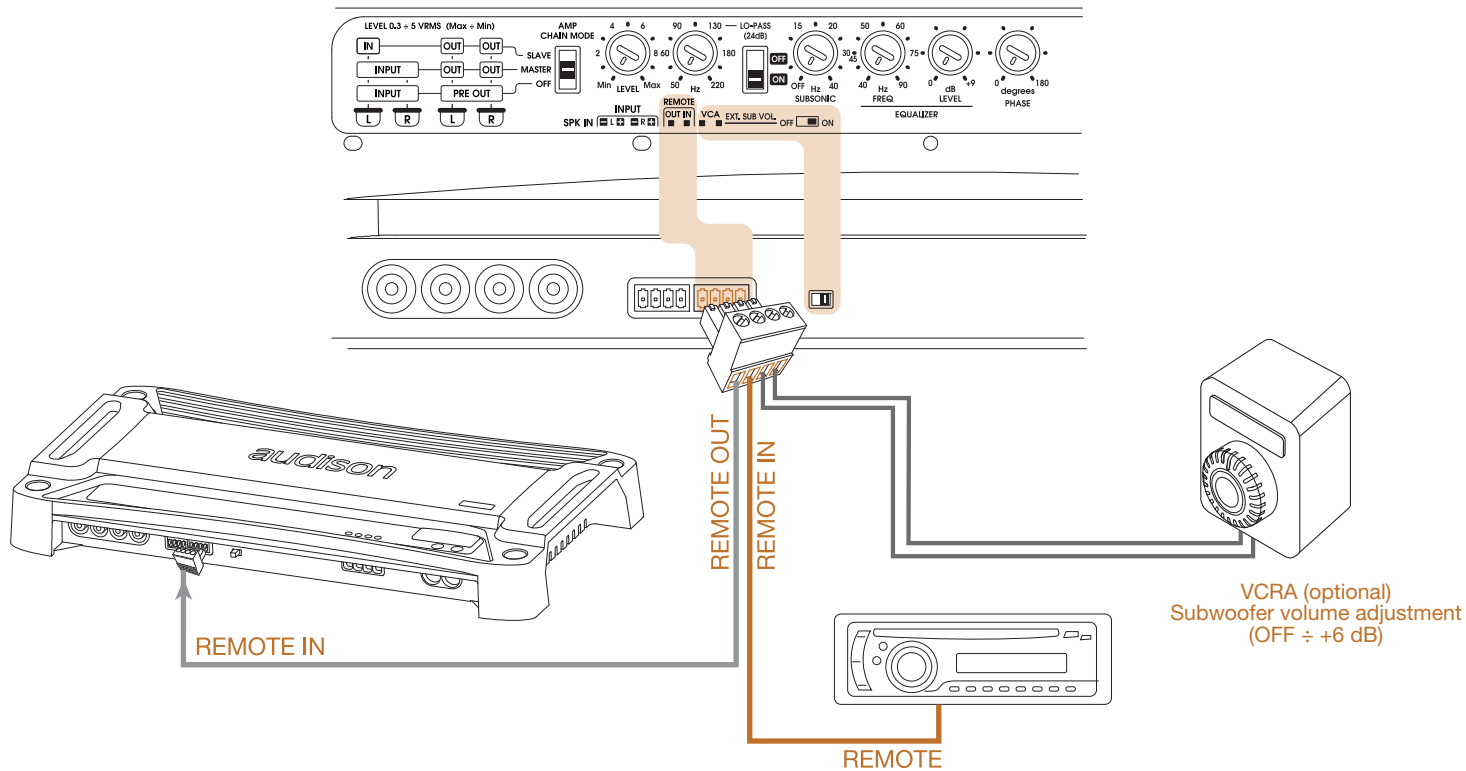
SPEAKER IN and PRE OUT



FUNCTIONS

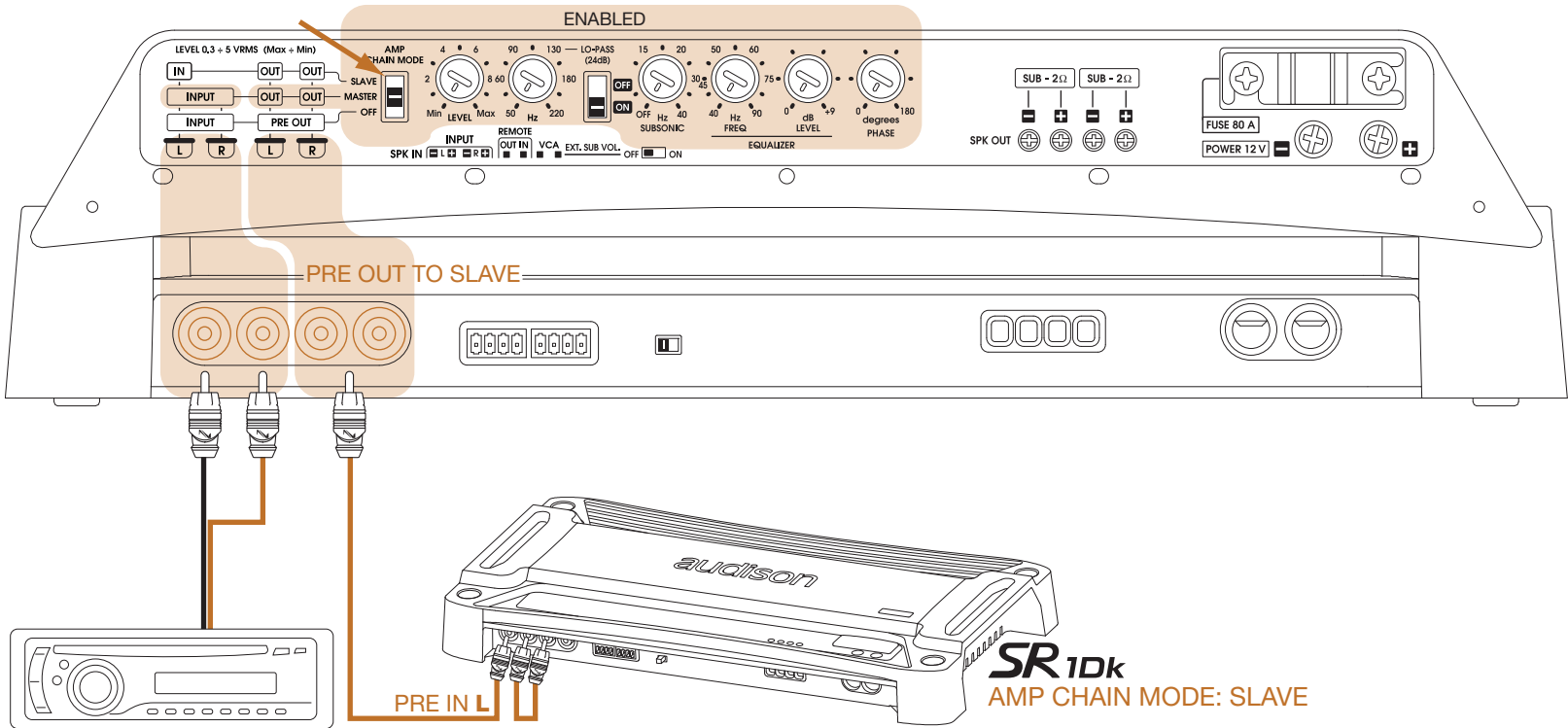
Remote

Subwoofer remote control



MODE

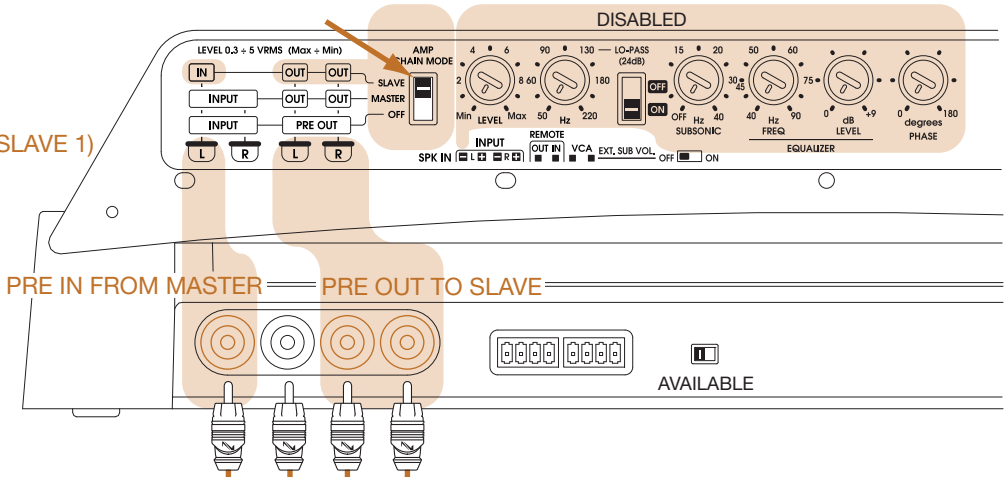
Amp chain mode: Master



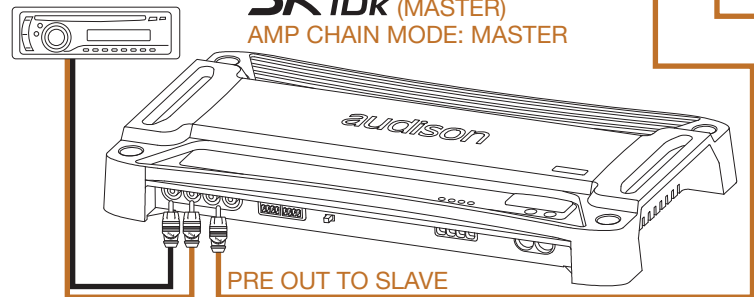
MODE

Amp chain mode: Slave

SR1Dk (SLAVE 1)



SR1Dk (MASTER)
AMP CHAIN MODE: MASTER

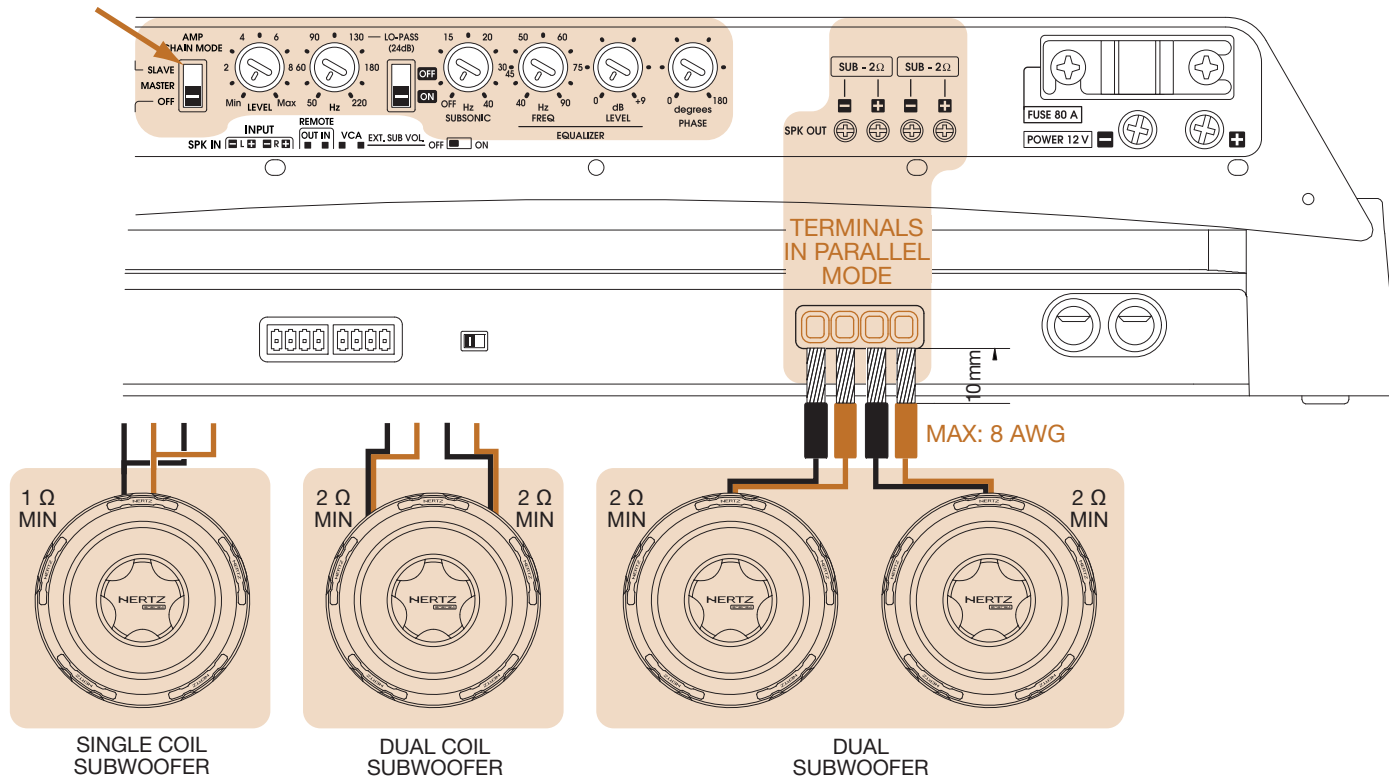


SR1Dk (SLAVE 2)
AMP CHAIN MODE: SLAVE



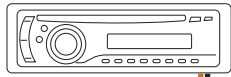
POWER OUTPUTS

Amp chain mode: Off

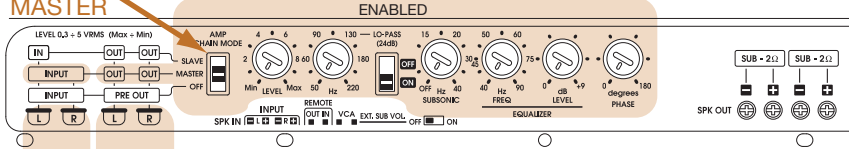


AMP CHAIN MODE

2 x Amps Bridge on 1 Sub



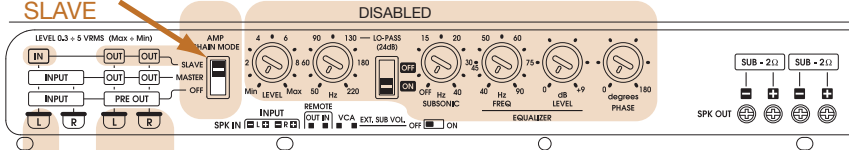
SR1DK
MASTER



PRE OUT TO SLAVE

PRE IN

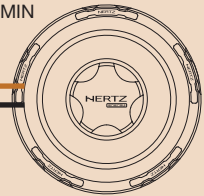
SR1DK
SLAVE



PRE OUT TO SLAVE

PRE IN L

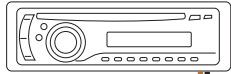
2 Ω
MIN



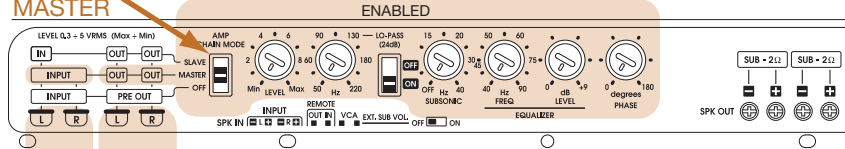
SUBWOOFER

AMP CHAIN MODE

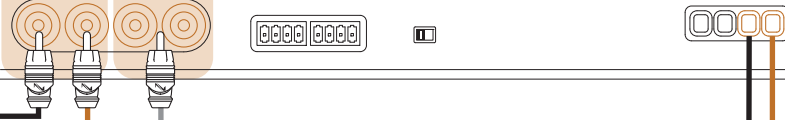
4 Amps Bridge on 2 sub



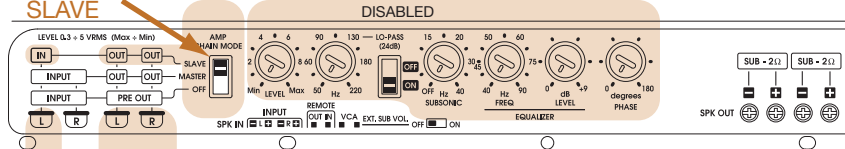
SR1DK
MASTER



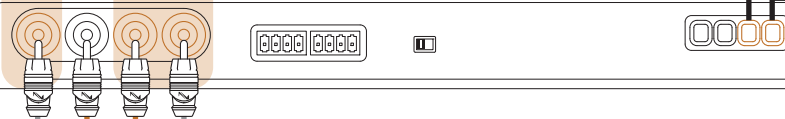
PRE IN - PRE OUT TO SLAVE



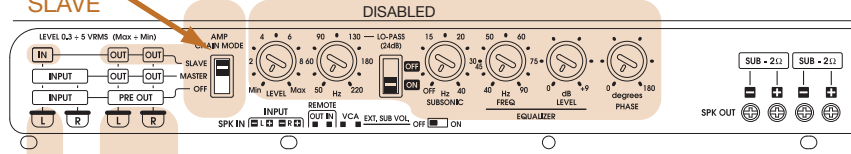
SR1DK
SLAVE



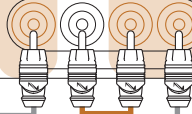
PRE OUT TO SLAVE



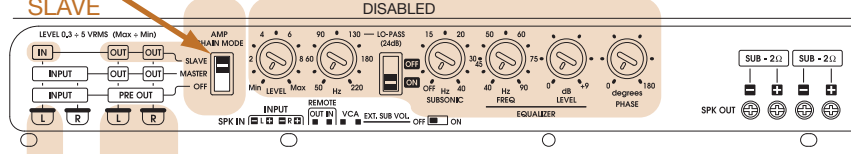
SR1Dk
SLAVE



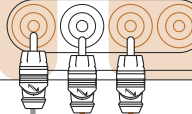
PRE OUT TO SLAVE



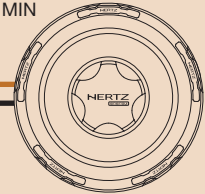
SR1Dk
SLAVE



PRE OUT TO SLAVE



2 Ω
MIN

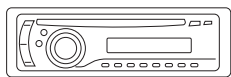
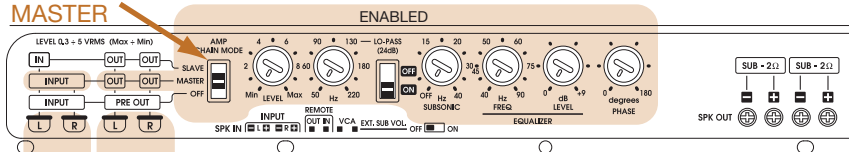


SUBWOOFER

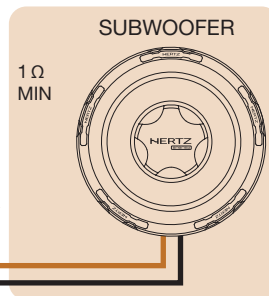
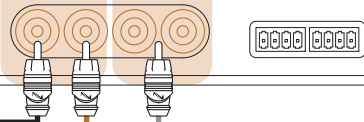
AMP CHAIN MODE

Endless series

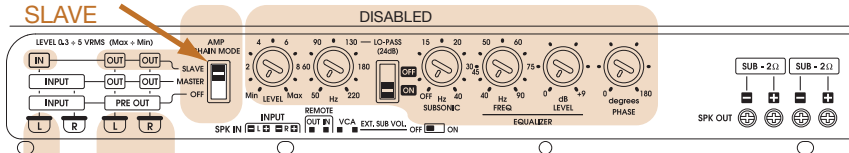
SR1Dk
MASTER



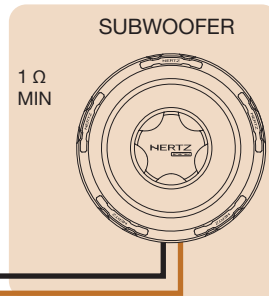
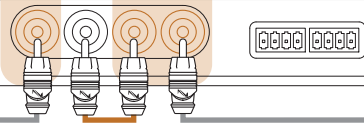
PRE IN — PRE OUT TO SLAVE



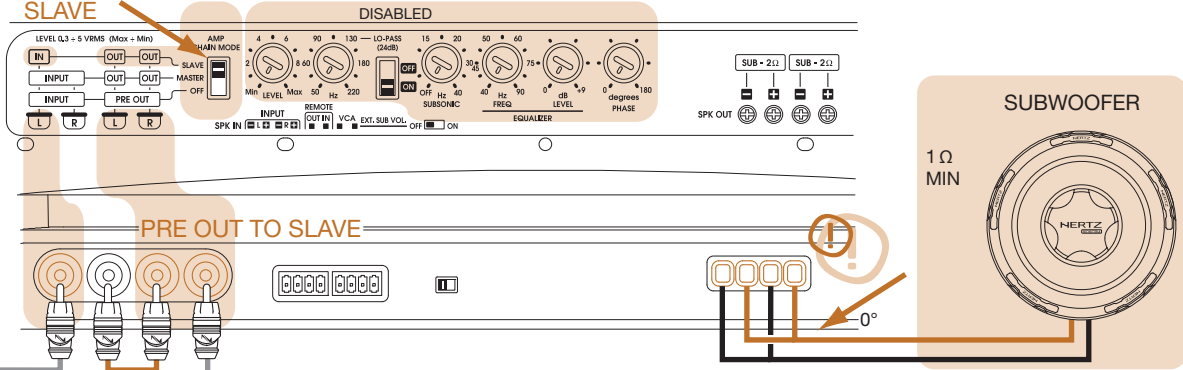
SR1Dk
SLAVE



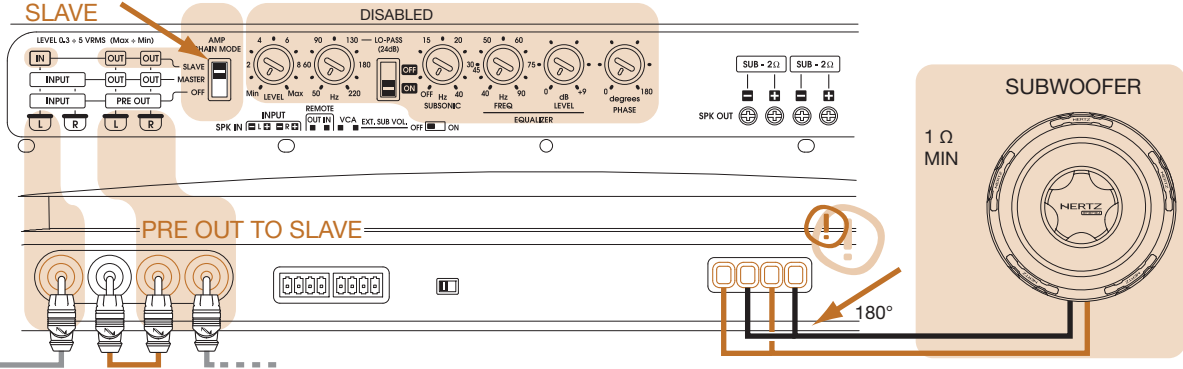
PRE OUT TO SLAVE



SR1Dk
SLAVE



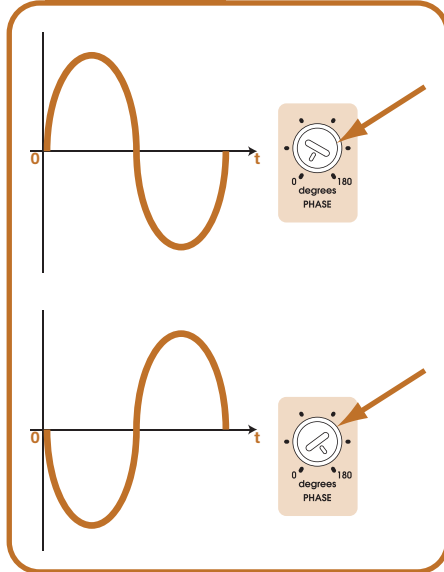
SR1Dk
SLAVE



SPECIFICATIONS

Configuration table

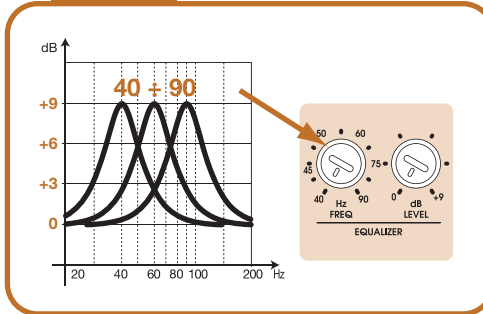
Phase Control



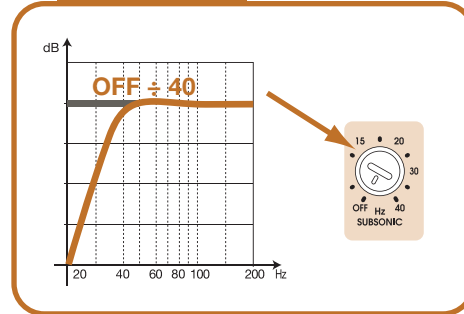
Conf.	AMP	SUB Ch	PRE OUT only with AMP CHAIN MODE OFF
1			
2			

INPUT	PRE OUT	AMP OUT
L & R	L & R Bypass	Mix L + R
L	L Bypass	Mono
R	R Bypass	Mono

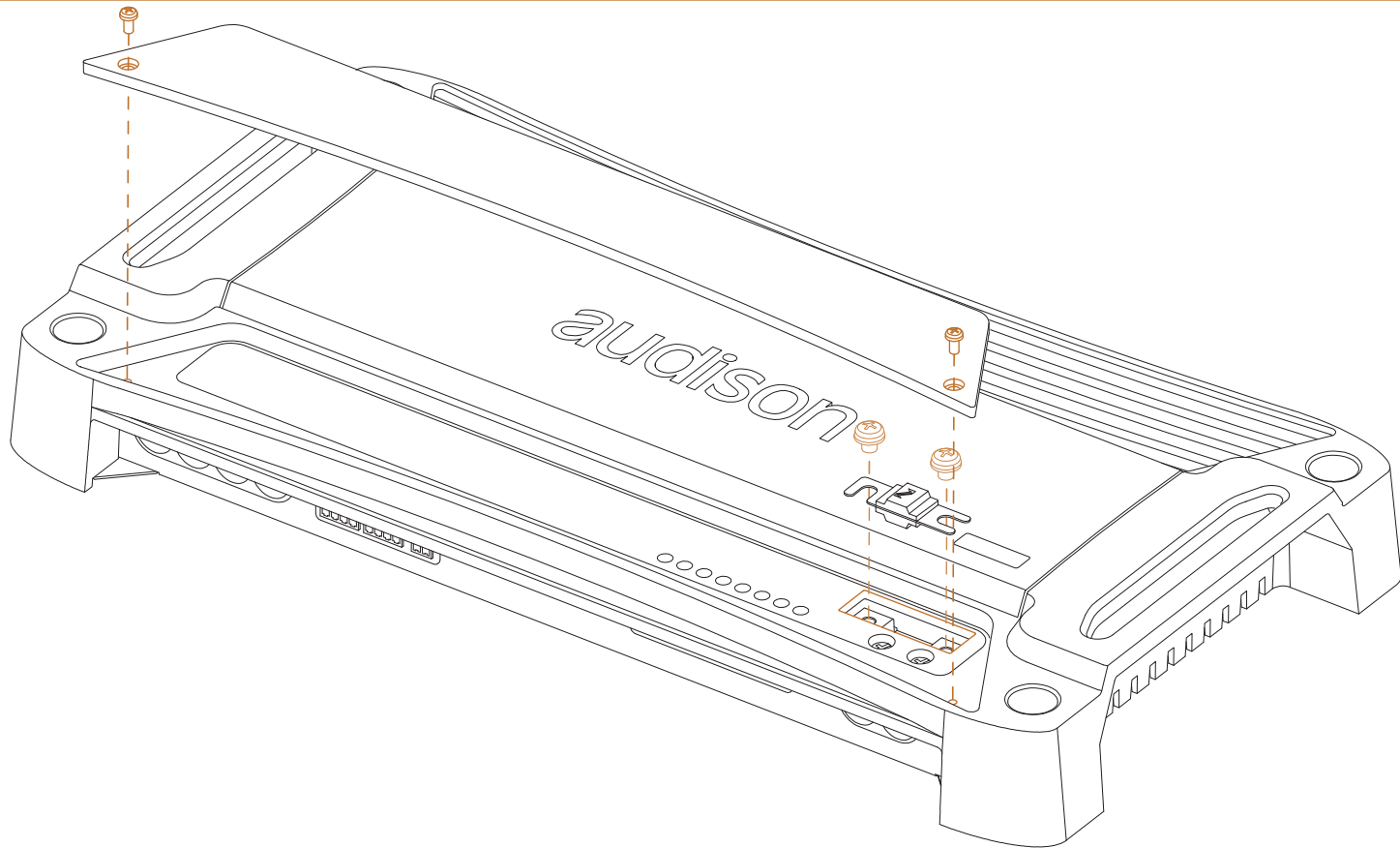
Equalizer



Subsonic Filter



COVER and FUSE



Technical Specifications

Power Supply

Voltage:	11÷15 VDC
Idling current:	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):	80 A
Consumption @ 14.4 VDC, 1 Ω, Max Musical Power:	70 A

Inputs/Outputs/Filters

Inputs	Pre IN / Speaker IN
Output	Pre OUT / MASTER / SLAVE
Filter	LO-pass ON/OFF 50 ÷ 220 Hz @ 24 dB/oct
Subsonic	OFF ÷ 40 Hz @ 24 dB/oct
Equalizer	0 ÷ + 9 dB @ 40 ÷ 90 Hz
Phase	Continuous 0° ÷ 180°
Sub remote volume control	OFF ÷ + 6dB

Amp Chain mode (Two Linked Amplifier)

Output Power (RMS) @ 14.4 VDC, 1% THD, 100 Hz	
4 Ω	1800 W
2 Ω	2400 W

Amplifier stage

Distortion - THD @ 100 Hz, 4 Ω, 90% Power:	0.3 %
Bandwidth @ -3 dB, 2 VRMS, 4 Ω:	18 ÷ 550 Hz
S/N ratio @ A weighted, 1 V, Max Power:	85 dB
Damping factor @ 100 Hz, 2 VRMS, 4 Ω:	150
Input sensitivity (PRE IN):	0.3 ÷ 5 VRMS
Input sensitivity (SPEAKER IN):	1 ÷ 15 VRMS
Input impedance (PRE IN):	15 kΩ
Input impedance (SPEAKER IN):	100 Ω
Load impedance (Min):	
1 Ch	1 Ω
Nominal power (RMS) @12 VDC; 1% THD, 4 Ω:	420 W x 1
Output power (RMS) @14.4 VDC; 1% THD:	
1 Ch @ 4 Ω	600 W x 1
1 Ch @ 2 Ω	940 W x 1
1 Ch @ 1 Ω	1200 W x 1

CEA Specifications

Output Power @ 4 Ω, ≤ 1% THD+N, 14.4 V:	520 W x 1 Ch
S/N ratio (ref. 1W output): 520 W Channel:	56 dBA



Size

WxHxD (mm/inches)	213 x 53.5 x 408 / 8 ^{7/16} x 2 ^{1/8} x 16 ^{1/16}
Weight (kg/lb)	3.6 / 7.94

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