

# audison

[www.audison.com](http://www.audison.com)

ADVANCED MANUAL

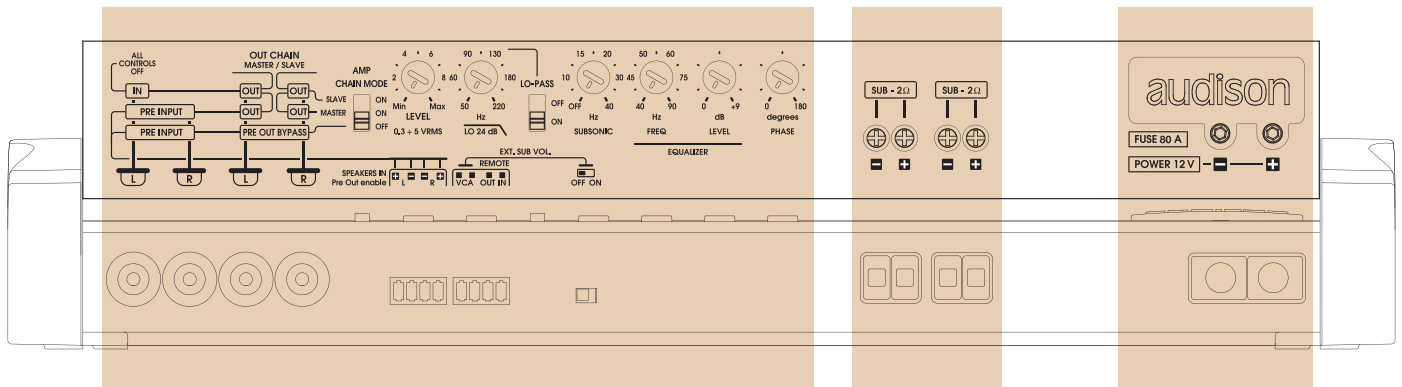
**SRx10**

**1150W Power Amplifier**  
Mono Power Amplifier with crossover



## Specifications

### Control panel and terminals



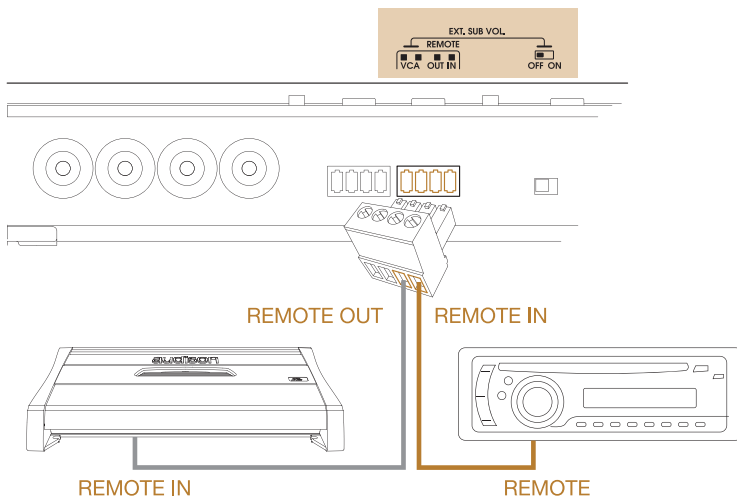
Inputs / Outputs / Functions

Power Outputs

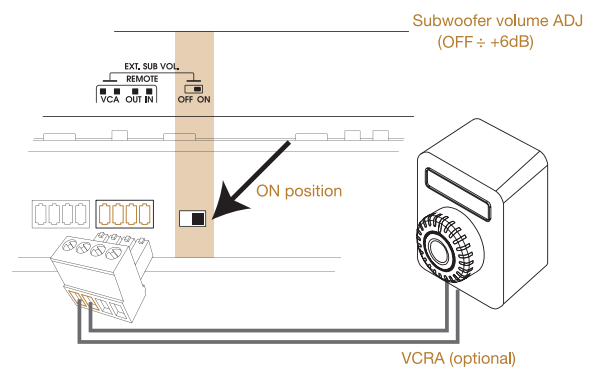
Power Supply

## Functions

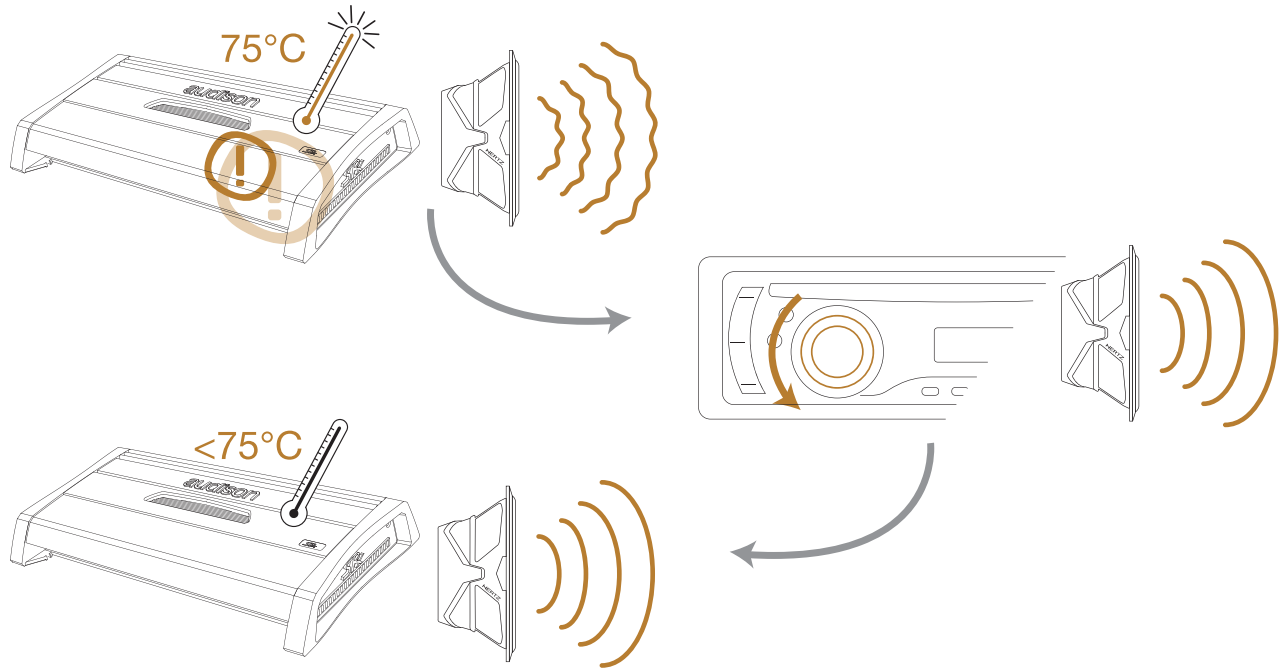
### Remote



### Subwoofer remote control



**Caution**



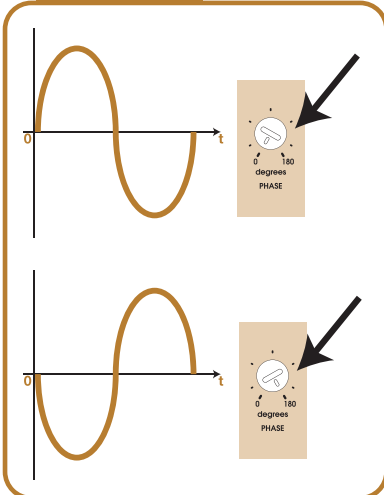
**Specifications**

**Configuration table**

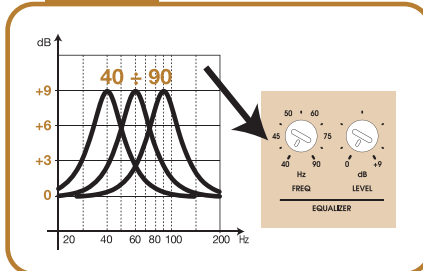
Conf.	AMP	SUB Ch	PRE OUT only with AMP CHAIN MODE OFF
1	LO-PASS OFF ON	Full	Full
2	LO-PASS OFF ON	Lo-pass	Full

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

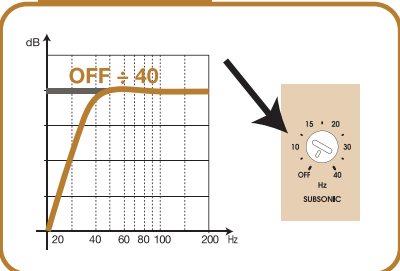
**Phase Control**



**Equalizer**

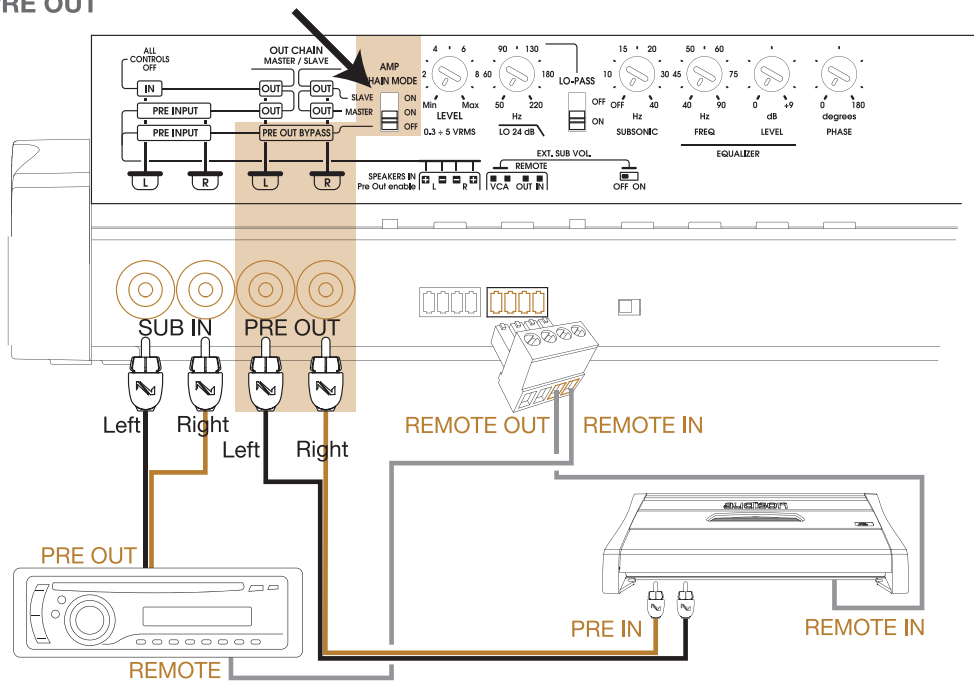


**Subsonic Filter**



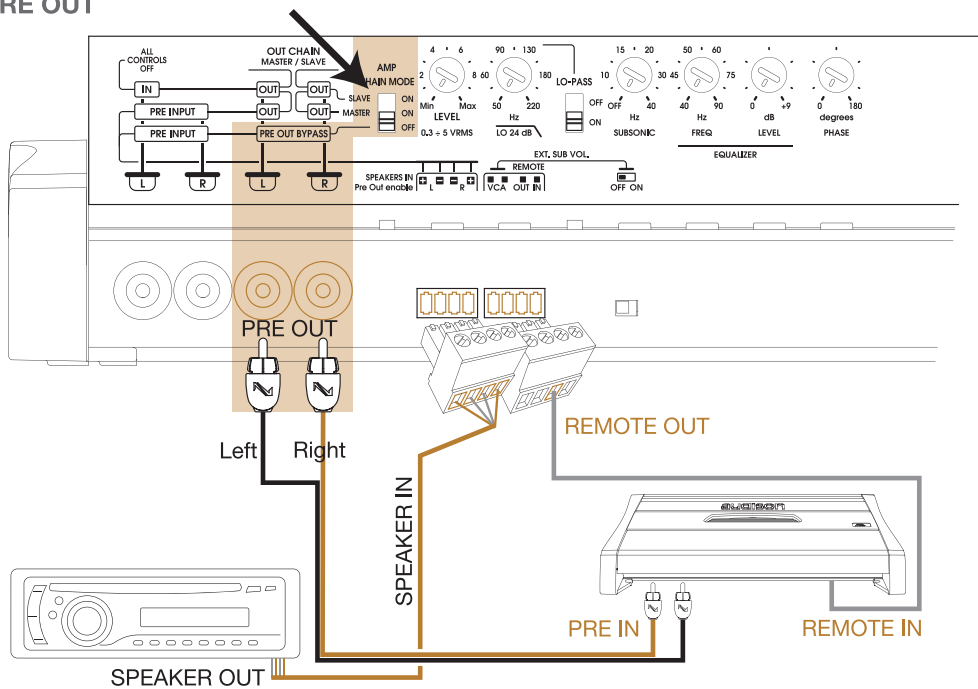
## INPUTS

### PRE IN and PRE OUT



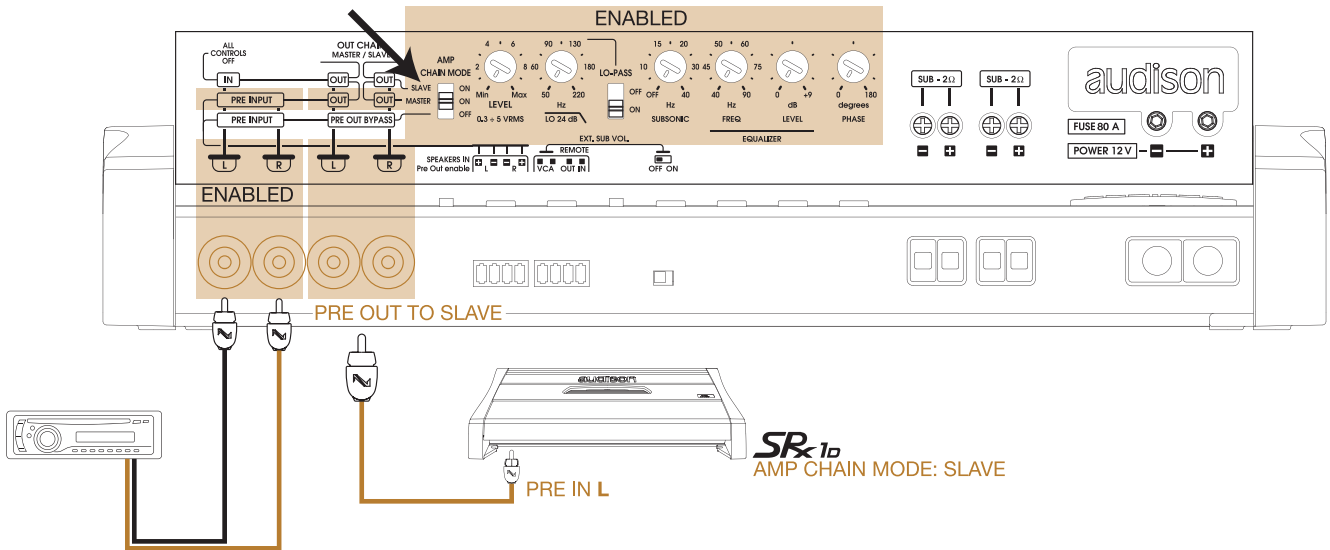
## INPUTS

### SPEAKER IN and PRE OUT



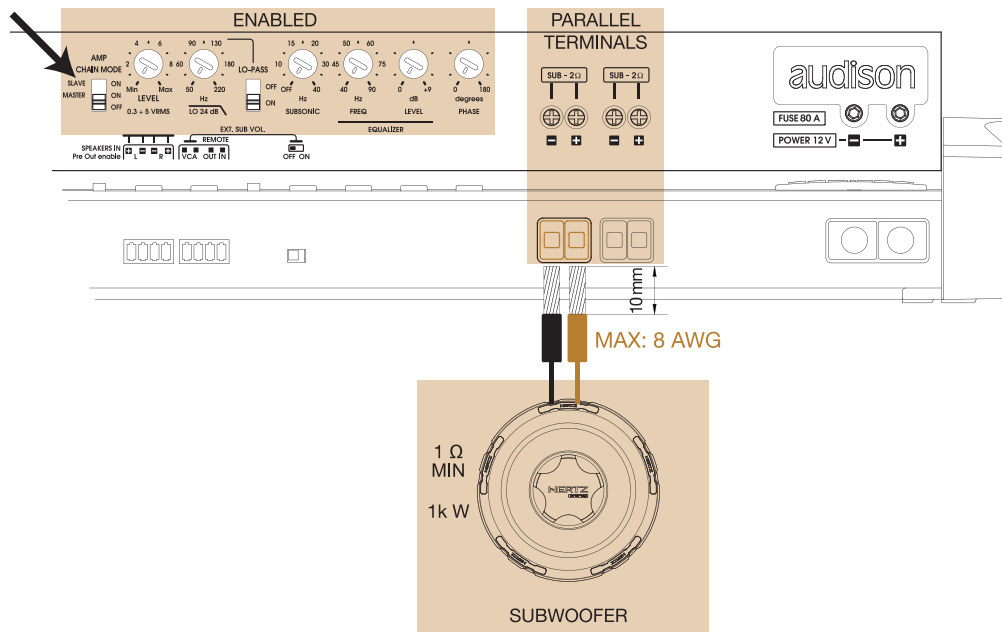
Mode

Amp chain mode: Master



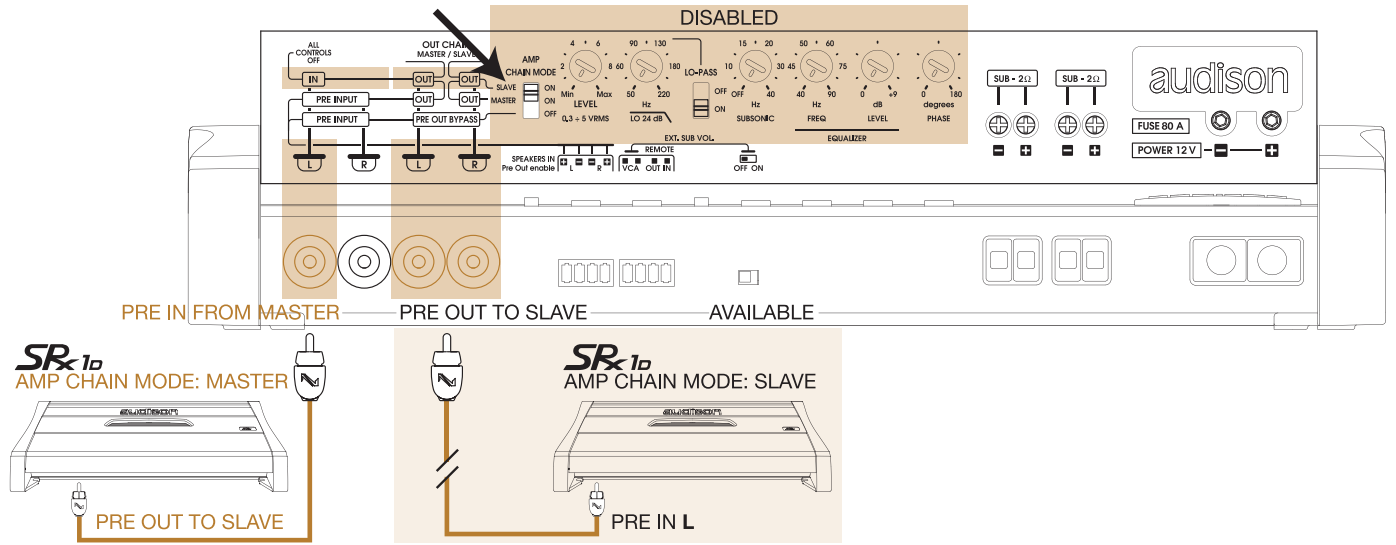
Power outputs

Amp chain mode: Off



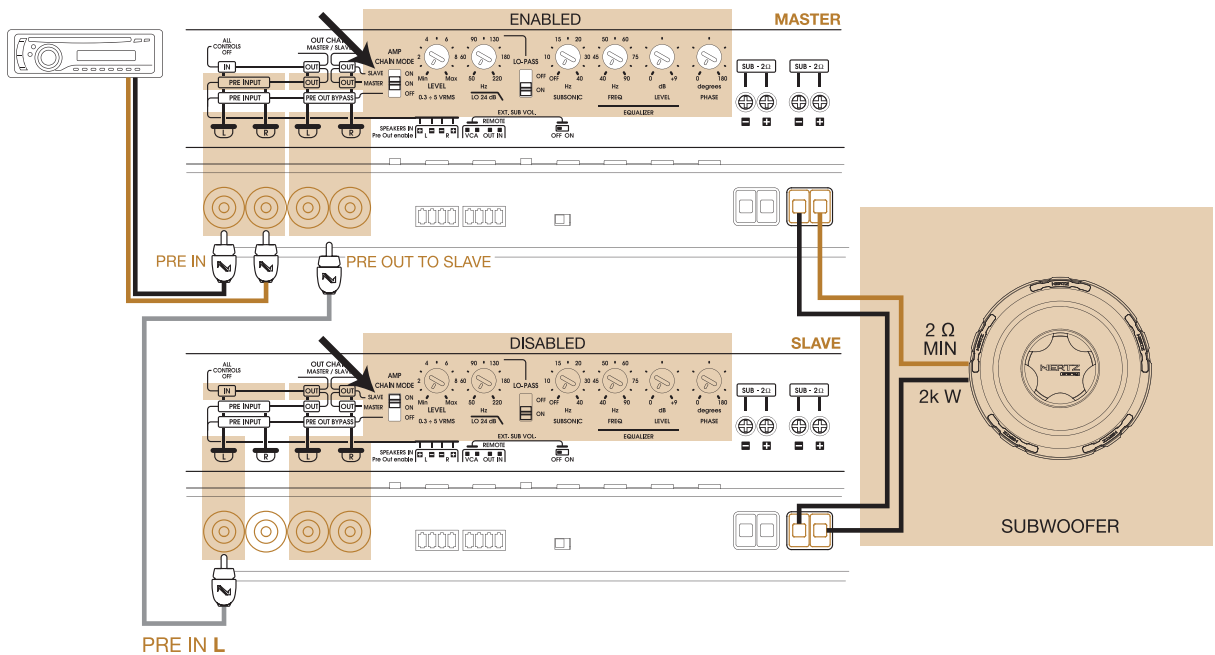
Mode

Amp chain mode: Slave



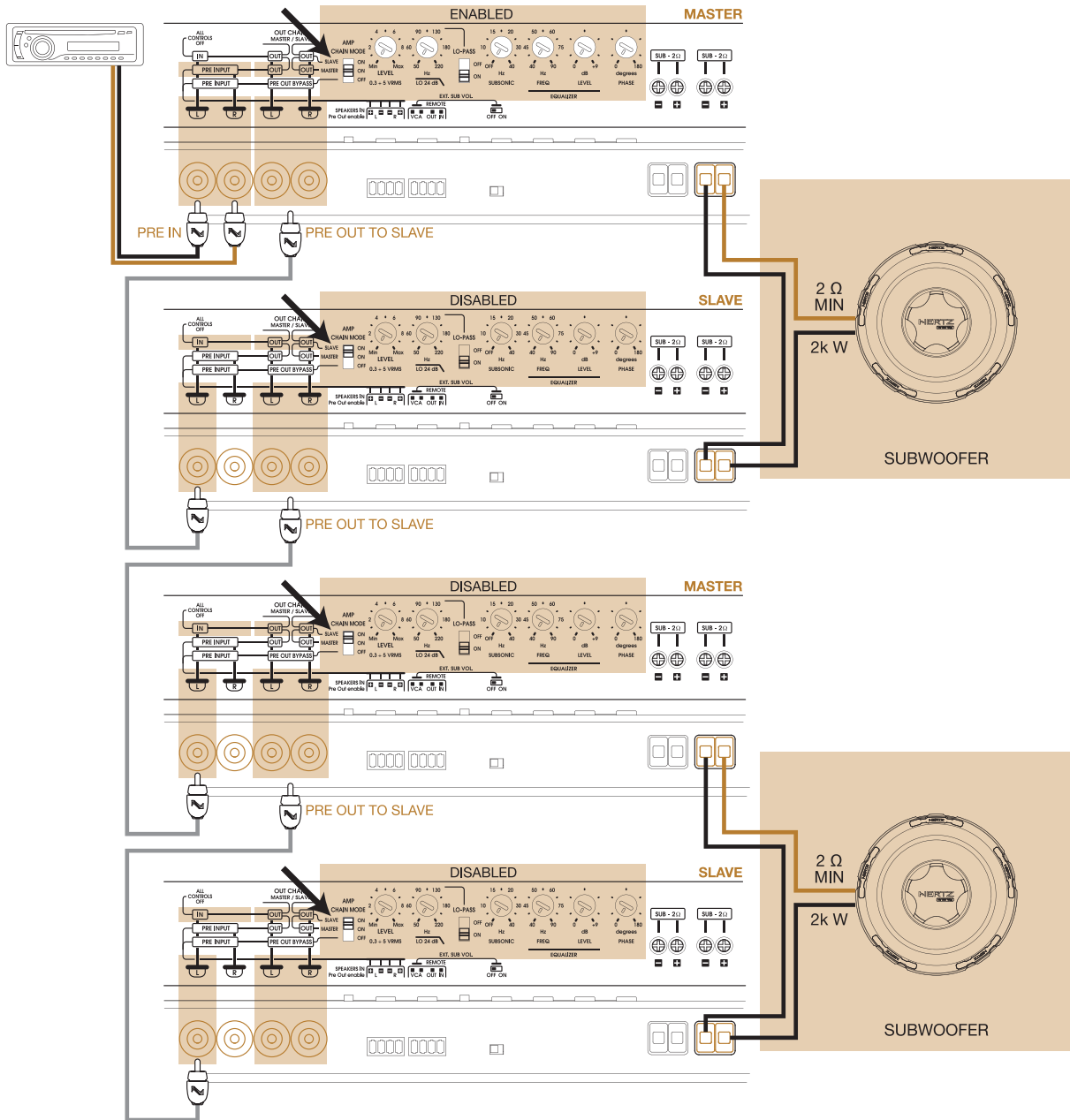
Power outputs

Amp chain mode: On Bridge 2 Amps 1 sub



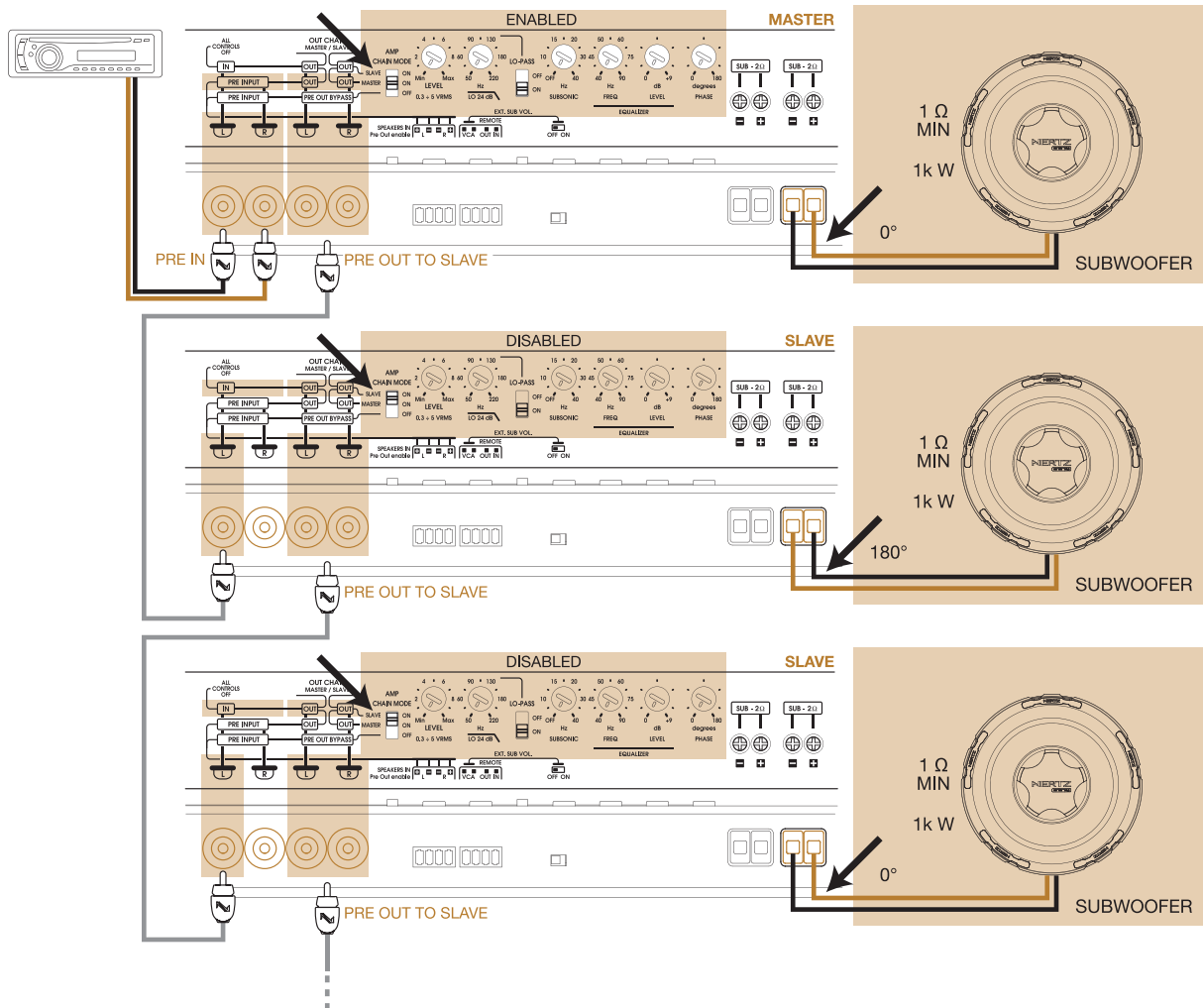
Power outputs

Amp chain mode: On  
Bridge 4 Amps 2 subs



## Power outputs

### Amp chain mode: On Endless series





## Technical Specifications

### Power Supply

Voltage:	11 ÷ 15 VDC
Minimum idling current:	1.8 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):	80 A
Consumption @ 14.4 VDC (Max Musical Power):	70 A

### Inputs/Outputs/Filters

Inputs	Pre / Chain / Speaker
Output	Pre / Chain
Filter	Bypass / Lo-pass 24 dB/Oct.: 50 ÷ 220 Hz
Equalizer frequency	40 ÷ 90 Hz
Equalizer level	0 ÷ 9 dB
Phase adjust	0° ÷ 180°
Sub remote volume control	- ∞ ÷ + 6dB

### Size

BxLxH (mm/inches)	216 x 370 x 56 / 8 <sup>11/2</sup> x 14 <sup>9/16</sup> x 2 <sup>1/4</sup>
Weight (kg/lb)	3.80 / 8.38

### Amplifier stage

Distortion-THD (100 Hz@4Ω):	0.3 %
Bandwidth (-3 dB):	11 ÷ 500 Hz
S/N ratio (A weighted@1V):	90 dB
Damping factor (100 Hz@4Ω):	100
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):	
1 Ch	1 Ω
Output power (RMS) @14.4 VDC; THD 1%:	
1 Ch x 4Ω	550 W
1 Ch x 2Ω	850 W
1 Ch x 1Ω	1150 W
Amp Chain Mode Output power (RMS) @14.4 VDC; THD 1%:	
Bridge 2 Amp x 4Ω	1700 W
Bridge 2 Amp x 2Ω	2300 W

### CEA 2006-A RATINGS

OUTPUT Power (4Ω, ≤1% THD+N, 14.4 Volts):	500 W x 1 Ch
S/N ratio (ref. 1W output):	
500 W Channel:	55 dBA

