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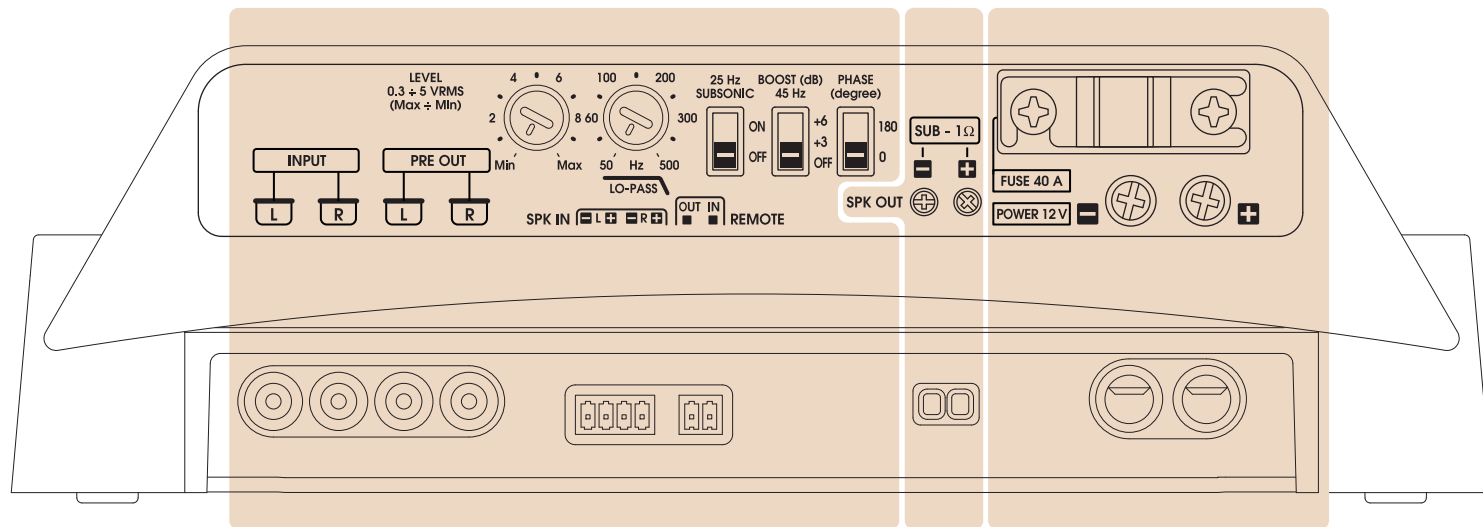
ADVANCED WEB MANUAL

SR1D

640W Power Amplifier
Mono power amplifier with crossover

SPECIFICATIONS

Control panel and terminals



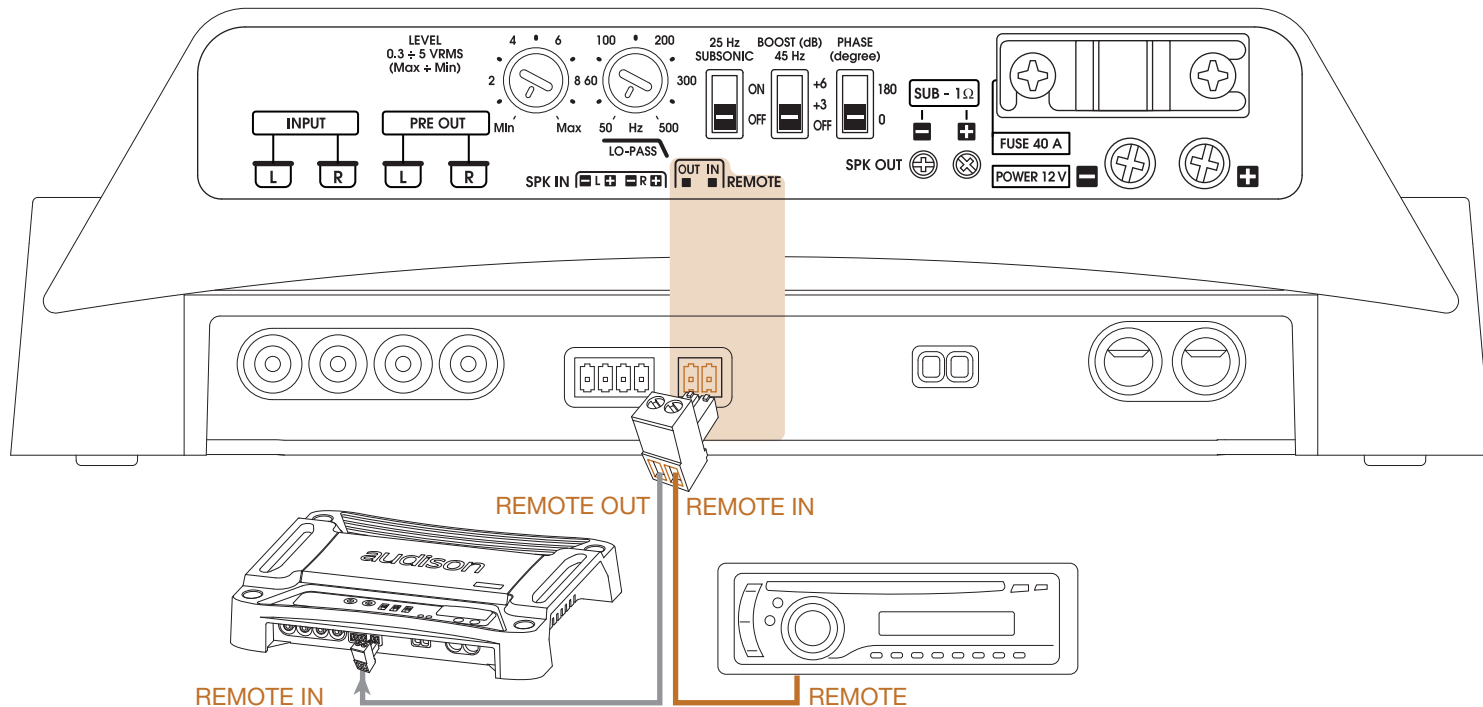
Inputs / Outputs / Functions

Power
Outputs

Power Supply

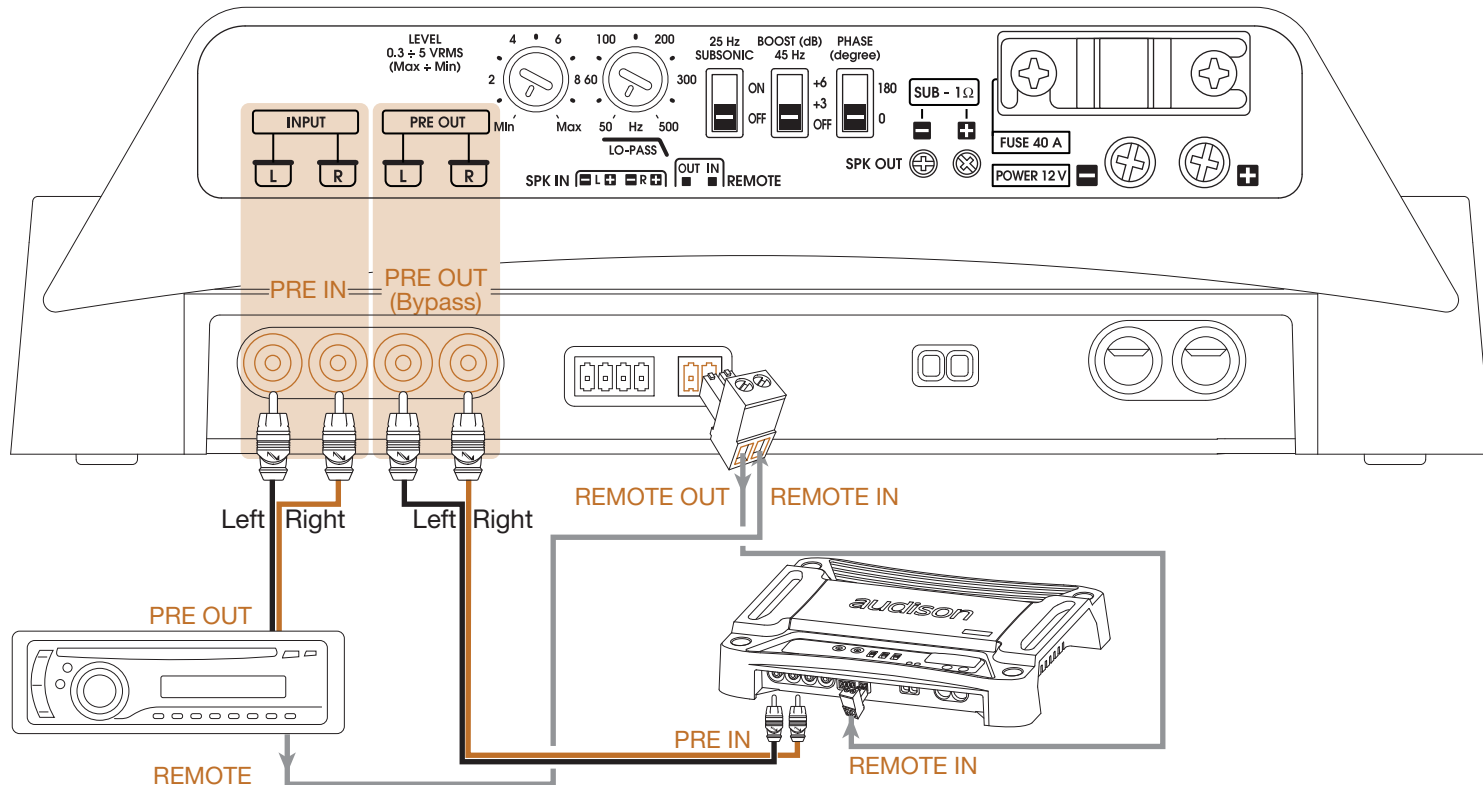
FUNCTIONS

Remote



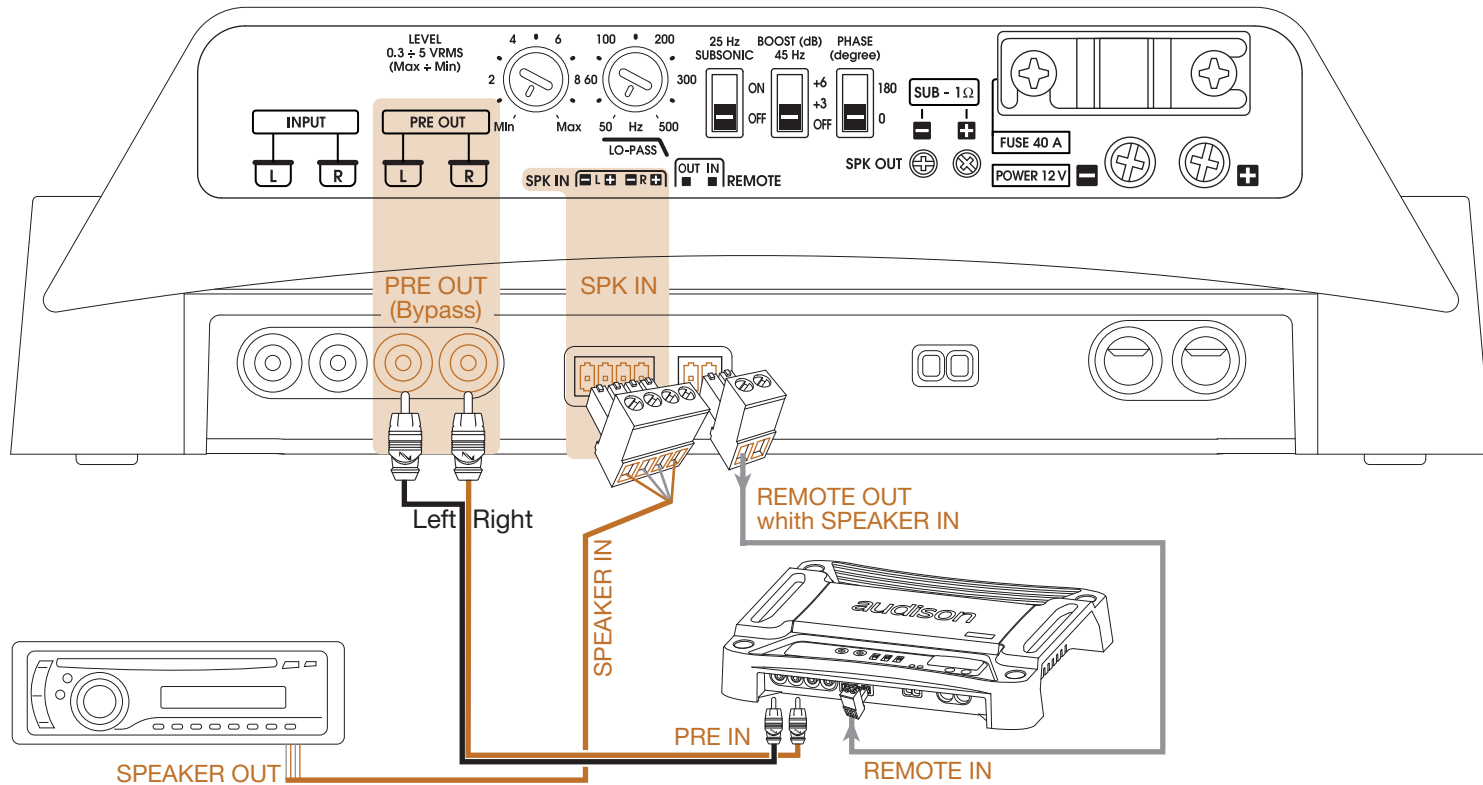
INPUTS

PRE IN and PRE OUT



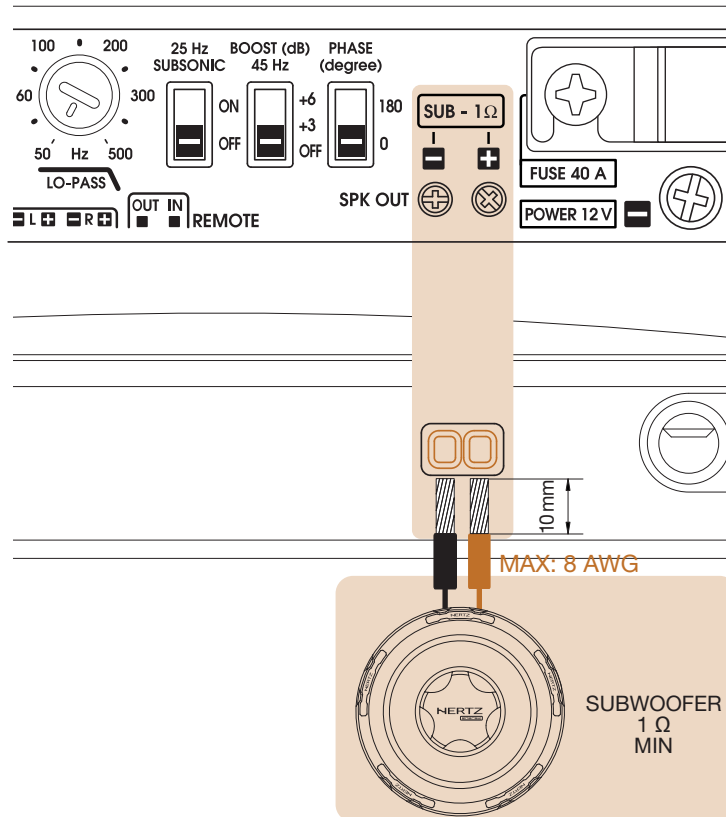
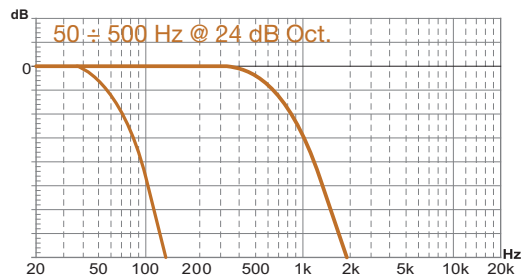
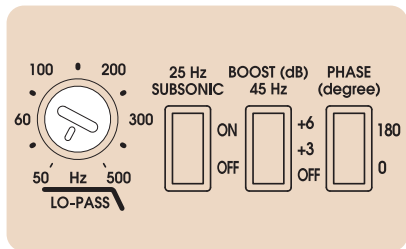
INPUTS

SPEAKER IN and PRE OUT



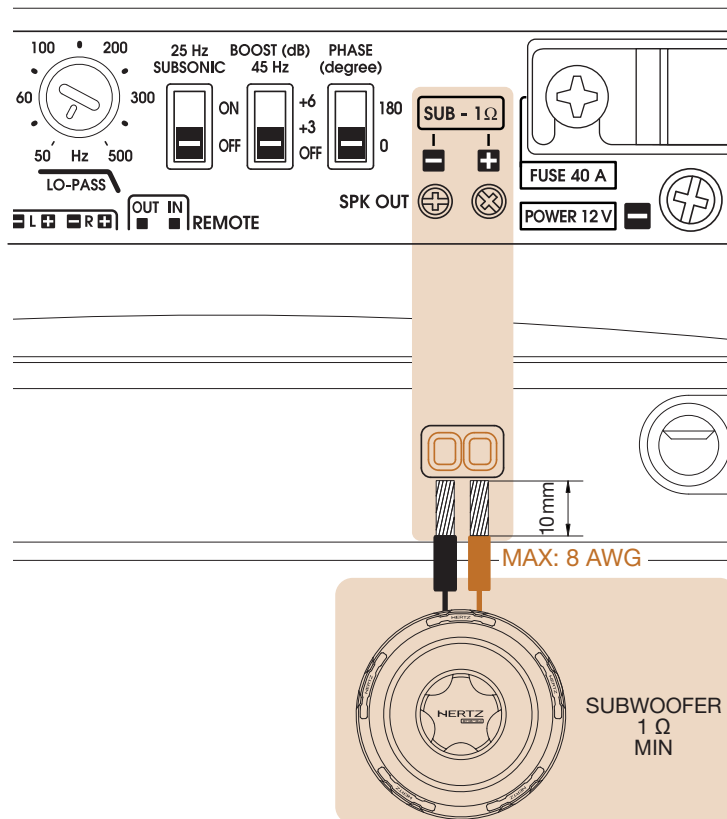
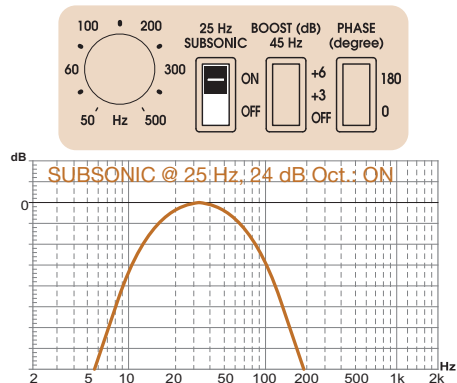
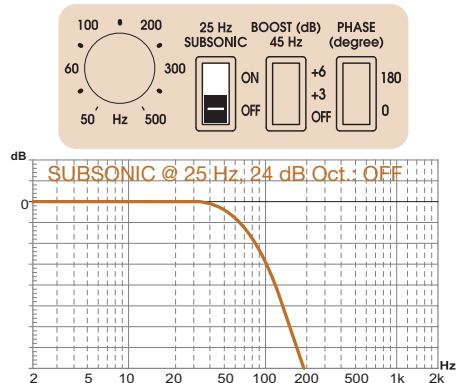
POWER OUTPUTS

Lo-pass frequency adjustment



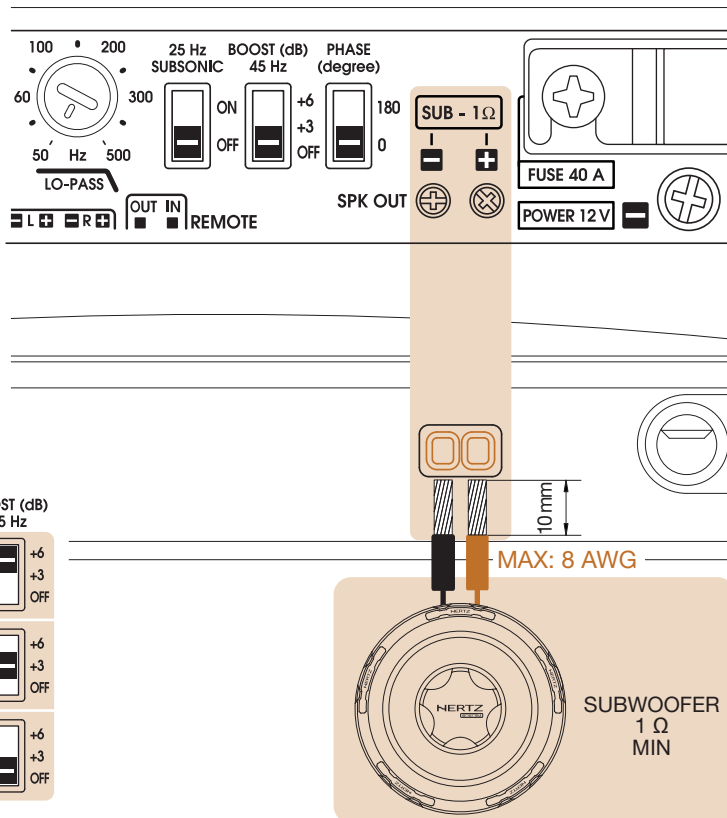
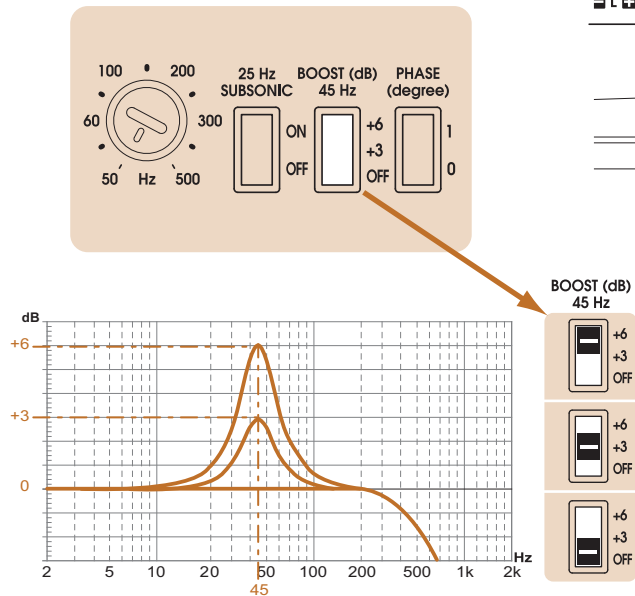
POWER OUTPUTS

Subsonic filter On/Off



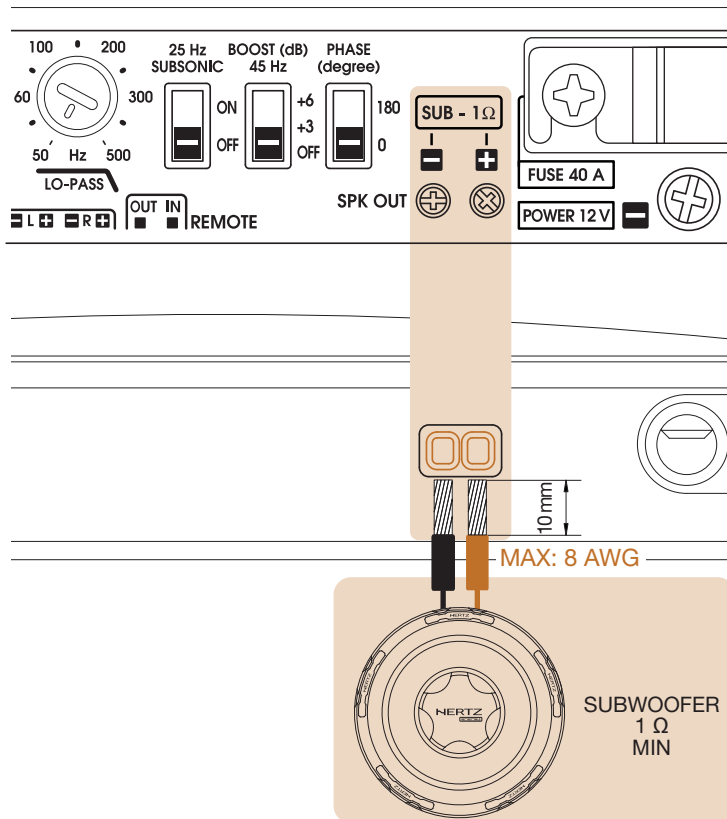
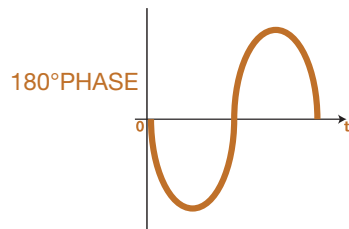
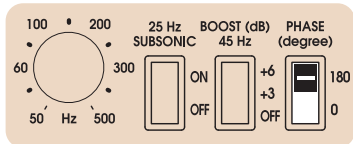
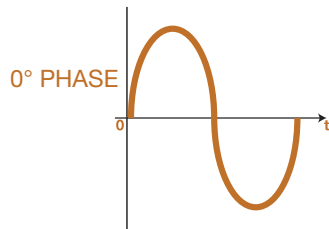
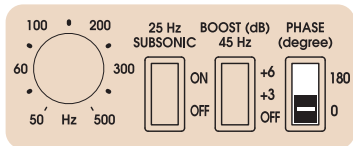
POWER OUTPUTS

Boost: Bass power adjustment

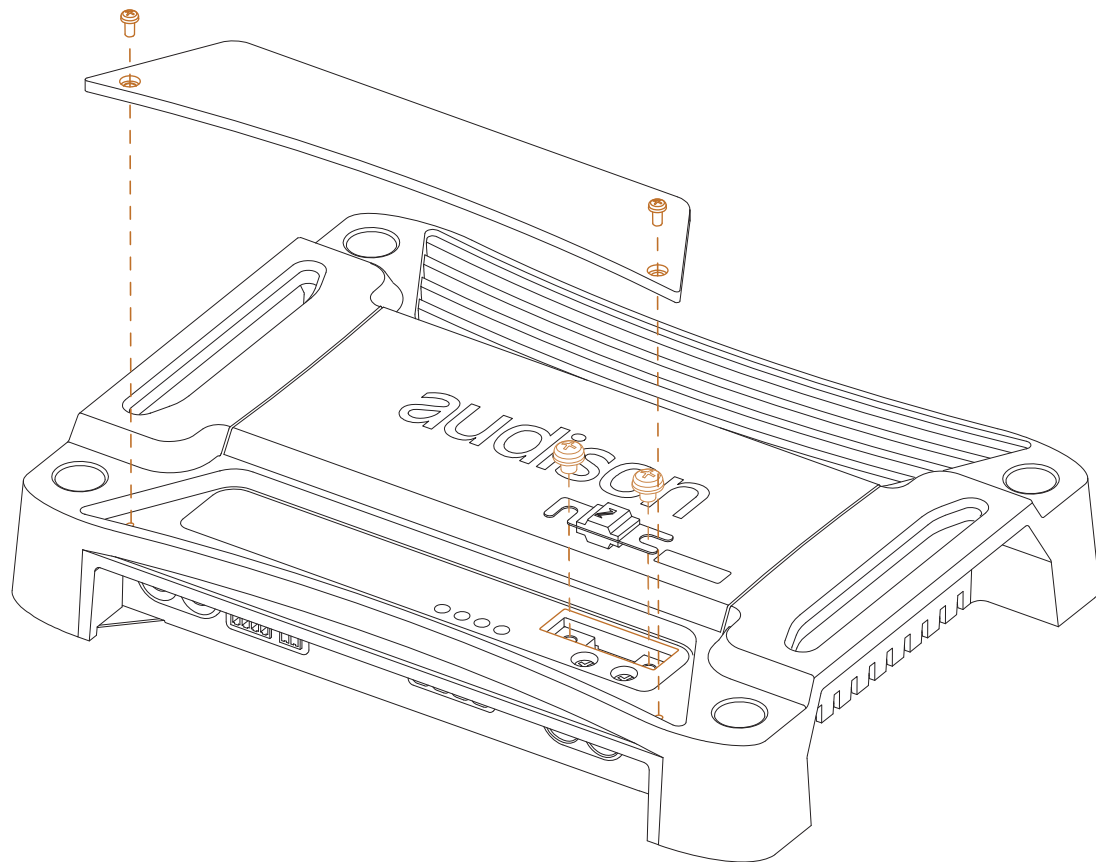


POWER OUTPUTS

Signal phase adjustment



COVER and FUSE



TECHNICAL SPECIFICATIONS

Power Supply

Voltage:	11÷15 VDC
Idling current:	1 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, 2 Ω ,	
Max Musical Power:	33 A

Inputs/Outputs/Filters

Inputs	Pre IN / Speaker IN
Output	Pre
Filter	LO-pass: 50 ÷ 500 Hz @ 24 dB/oct
Subsonic	25 Hz @ 24 dB/oct
Boost	+ 6 dB; + 3 dB; OFF / @45 Hz
Phase Control	0° - 180°

Size

WxHxD (mm/inches)	213 x 53.5 x 288 / 8 ^{n7/16} x 2 ^{n1/8} x 11 ^{n3/8}
Weight (kg/lb)	2.6 / 5.73

Amplifier stage

Distortion - THD @ 100 Hz, 4 Ω , 90% Power:	0.3 %
Bandwidth @ -3 dB, 2 VRMS, 4 Ω :	18 ÷ 500 Hz
S/N ratio @ A weighted, 1 V, Max Power:	90 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 k Ω
Input impedance (SPEAKER IN):	100 Ω
Load impedance (Min):	
1 Ch	1 Ω
Nominal power (RMS) @12 VDC; 1% THD, 4 Ω :	200 W x 1
Output power (RMS) @14.4 VDC; 1% THD:	
1 Ch @ 4 Ω	280 W x 1
1 Ch @ 2 Ω	460 W x 1
1 Ch @ 1 Ω	640 W x 1

CEA Specifications

Output Power @	
4 Ω , ≤ 1% THD+N, 14.4 V:	250 W x 1 Ch
S/N ratio (ref. 1W output):	
250 W Channel:	74 dBA



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