ideato,
progettato,
ingegnerizzato
in Italia

SR

USER'S MANUAL

rev. 1.0 E

audison

universal speakers simulator

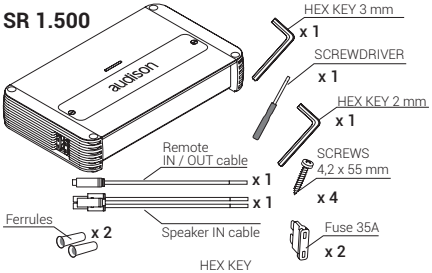
audison d class technology

audison.com

ISTINTO INNOVATIVO

PACKAGING CONTENTS

SR 1.500



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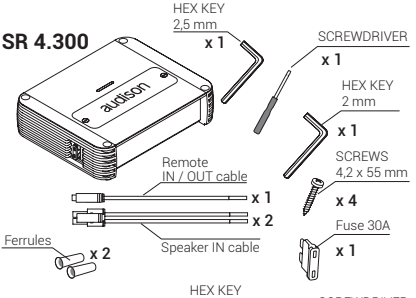

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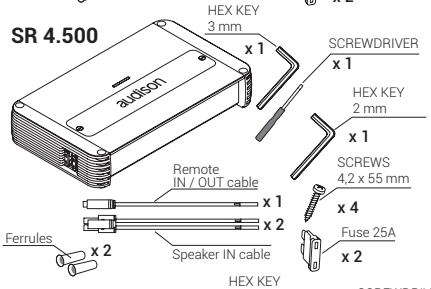
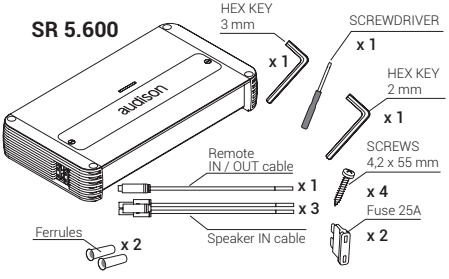
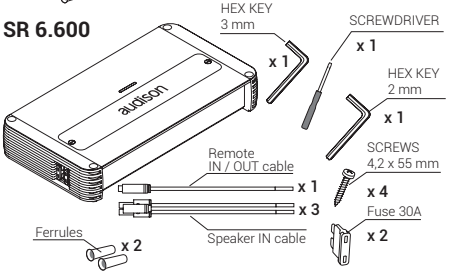


SR 5.600



SR 6.600



X : Not AVAILABLE

○–▭ : Set-up CONTROLS

○–▭ : Adjustment CONTROLS

X غير متاح / **Не е наличен / 無法使用 / 不提供 / Nije dostupno / Není dostupný / Ikke tilgængelig / Niet beschikbaar / Ei ole saadaval / Ei saatavilla / Indisponible / Nicht verfügbar / Μη διαθεσιμο / לא זמין / Nem elérhető / Tidak disediakan / Non disponibile / なし / 사용할 수 없음 / Nav pieejams / Nėra / Ikke tilgjengelig /** ناموجود **/ Niedostępny / Não disponível / Indisponibil / Недоступно / Nie je k dispozícii / Ni na voljo / No disponible / Ej tillgänglig / ไม่มี / Kullanilmiyor**

○–▭ **عناصر التحكم في الإعداد / Контролни елементи на монтажа / 設定控制 / 设置控制器 / Kontrole postavljanja / Nastavení ovládacích prvků / Opsætning af styreknapper / Controles instellen / Seadistamisnupud / Asetussäätimet / Contrôles de configuration / Einrichtungssteuerung / Στοιχεία ελέγχου / פקדי הגדרה / Beállító kezelőszervek / Kontrol pengaturan / Controlli di configurazione / 設定用コントロール / 설정 제어 / Lestatījumu taustiņi / Sąrankos valdikliai / Oppsettkontroller / کنترل‌های تنظیم اولیه / Regulatory nastawcze / Controlos de configuração / Comenzi configurare / Управление настройками / Kontrolky nastavenia / Gumbi za nastavljanje / Controles de configuración / Inställningsreglage / ปุ่มควบคุมการตั้งค่า / Kurulum kontrolleri**

○–▭ **عناصر التحكم في التعديل / Контролни бутони за настройване / 調整控制 / 调节控制器 / Kontrole podešavanja / Ovládací prvky / Reguleerimisnupud / Aanpassing controle / Reguleerimise juhtnupud / Säädön ohjaukset / Contrôles d'ajustement / Einstellungssteuerung / Στοιχεία ρύθμισης / בקרת כוונון / Szabályozó kezelőszervek / Kontrol penyesuaian / Controlli di settaggio / کنترل‌های تنظیمات / 調整用コントロール / 조정 제어 / Regulēšanas taustiņi / Reguliavimo valdikliai /Justeringskontroller / Pokrętła regulacyjne / Controlos de regulação / Comenzi reglare / Управление регулировками / Kontrolky úpravy / Gumbi za prilagoditev / Controles de ajuste / Justeringsreglage / ปุ่มควบคุมการปรับเปลี่ยนค่า / Ayar kontrolleri**

Index

العربية فهرس

Български ИНДЕКС

1 PRECAUTIONS

English / English

Before installing the components, please carefully read all of the instructions contained in this manual. It is advisable to carefully follow the highlighted instructions. Failure to respect these instructions may cause unintentional harm or damage to the components.

SAFETY CONSIDERATIONS

1. Make sure your car has 12 VDC voltage negative ground electric system.
2. Check your alternator and battery condition to ensure they can handle the increased consumption.
3. Do not carry out any installation inside the engine compartment or exposed to water, excessive humidity, dust or dirt.
4. Never run cables outside the vehicle or install the amplifier next to electronic gearcases.
5. Install the amplifier in the vehicle parts where temperature is between 0°C (32°F) and 55°C (131°F). Let the amplifier outer profile be at least 5 cm (2") far from possible walls. There must be good air circulation where the amplifier is installed. If you cover the heat sink, the amplifier goes in protection.
6. The amplifier can reach temperatures of around 80°C (176°F). Make sure it is not dangerously hot before touching it.
7. Periodically clean the amplifier without using aggressive solvents that might damage it. Don't use compressed air, since it would push solid parts in the amplifiers. Dampen a piece of cloth with water and soap, wring it and clean the amplifier. Then use a piece of cloth dampened with water only; eventually clean the amplifier with a dry piece of cloth.
8. Make sure the location you chose for the components does not affect the correct functioning of the vehicle mechanical and electrical devices.
9. Make sure power cable is not short circuited during installation and connection with the battery.
10. Use extreme caution when cutting or drilling the car plate, checking there are no electrical wiring or structural element underneath.
11. When positioning the power supply cable, avoid to run the wire over or through sharp edges or close to moving mechanical devices. Use rubber grommets to protect the wire if it runs in a hole of the plate or proper materials if it is close to heat-generating parts.
12. Make sure all the cables are properly secured all along their length. Also, make sure their outer protective jacket is flame resistant and self extinguishing. Use a clamping screw to secure positive and negative cables just close to the amplifier respective power supply terminal blocks.
13. Choose the cable gauge according to the amplifier power and to the suggestions you can find here. Use high quality cables, connectors and accessories, as you can find in the Connection catalogue.
14. Pre-plan the configuration of your new amplifier and the best wiring routes to ease installation.
15. In order to avoid incidental damage, keep the product in the original packaging until you are ready for the final installation.
16. Always wear protective eyewear when using tools, as splints or product residue may become airborne.

TYPICAL INSTALLATION SEQUENCE

If you have any questions please refer to the User's Manual you can find available on www.audison.com or contact your AUDISON dealer or AUDISON authorized service for assistance.

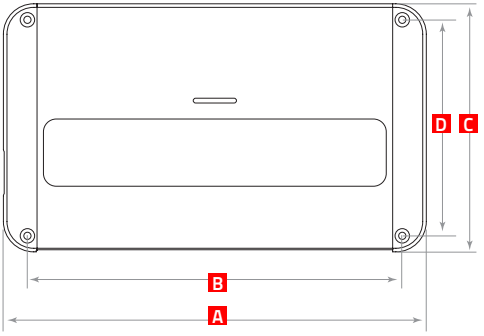
1. Before installing the amplifier turn off the source and all other electronic devices in the audio system to prevent any damages.
2. Using a cable with adequate AWG (see chart: Power Supply Cable), run the power wire from the battery location to the amplifier mounting location.
3. Connect the power supply with the correct polarity. connect (+) terminal to the cable coming from the battery and (-) terminal to the car chassis.
4. Put an insulated fuse holder 40 cm max far from the battery positive terminal; connect one end of the power cable to it after the other end to the amplifier. Do not mount the fuse.
5. To ground the device (-) in the right way, use a screw in the vehicle chassis; scrape all paint or grease from the metal if necessary, checking with a tester that there is continuity between the battery negative terminal (-) and the fixing point. If possible, connect all components to the same ground point; this solution rejects most noise which can be generated during the audio reproduction.
6. Route all signal cables close together and away from power cables.
7. Connect the RCA input cables, the applied signal must be between 0.2 VRMS and 5 VRMS. (**SR 6.600**: 0.32 VRMS - 8 VRMS)
8. Connect the high level inputs using the proper plug. Applied signal must be between 0.8 VRMS and 20 VRMS. (**SR 6.600**: 1.6 VRMS - 40 VRMS) Don't use it if you are already using Pre In preamplified connection.
9. Connect the speaker output using 10 AWG max speaker cable.
10. Don't connect (-) L and (-) R speaker outputs together. If you use an external stereo crossover, make sure that its negative poles are not connected together.
11. The amplifier turns on by connecting the remote turn on terminal (REMOTE IN) to the source specific output. The amplifier turns on automatically, without remote signal, also if using high level inputs (Speaker IN) by setting the "AUTO TURN ON" switch to position ON.
12. The LED on the top panel lights up blue indicating that the product is on. The LED lights up red if the outputs go on overload, if the thermal protection is triggered, if the speaker cables short circuit with the vehicle chassis and if the amplifier is malfunctioning.
13. The fuse/s is/are located near the power supply and speaker terminals. To replace, remove the fuse/s from the housing. Always replace the fuse of the same rating.
14. Secure all auxiliary devices you built to install the components to the vehicle structure; this insures stability and safety while driving. The amplifier detachment while driving can seriously damage the people in the vehicle and other cars.
15. When installation is over, check the system's wiring and make sure all connections were done in the right way.
16. Put the fuse into the fuse holder. The fuse value will have to be 30% higher than the amplifier built-in one. In case the cable supplies several amplifiers, the fuse value will have to be 30% higher than the sum of the values of all other fuses in the amplifiers.
17. Listening level calibration is made by adjusting the source volume up to 3/4 of its maximum level; then, adjust the amplifier levels until you hear distortion.
18. Warranty Certificate: please check out the AUDISON website for further information.

SAFE SOUND

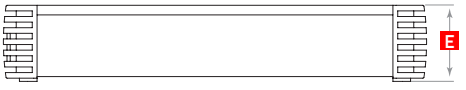
USE COMMON SENSE AND PRACTICE SAFE SOUND. PLEASE REMEMBER THAT LONG EXPOSURE TO EXCESSIVELY HIGH SOUND PRESSURE LEVELS MAY DAMAGE YOUR HEARING. SAFETY MUST BE AT THE FOREFRONT WHILE DRIVING

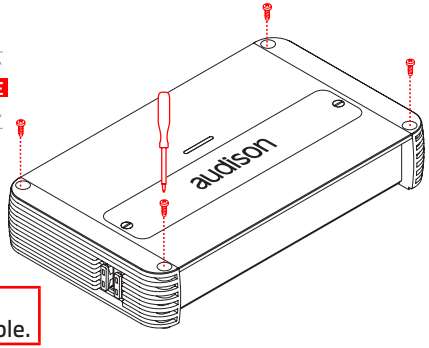
Information on electrical and electronic equipment waste (for those European countries which organize the separate collection of waste)
Products which are marked with a wheeled bin with an X through it can not be disposed of together with ordinary domestic waste. These electrical and electronic products must be recycled in proper facilities, capable of managing the disposal of these products and components. In order to know where and how to deliver these products to the nearest recycling/disposal site please contact your local municipal office. Recycling and disposing of waste in a proper way contributes to the protection of the environment and to prevent harmful effects on health.

2 INSTALLATION AND SIZES



	A	B	C	D	E	
SR 1.500	264	234	155	135	47,5	mm
	10.39	9.21	6.1	5.31	1.87	in.
SR 4.300	190	160	155	135	47,5	mm
	7.48	6.3	6.1	5.31	1.87	in.
SR 4.500	264	234	155	135	47,5	mm
	10.39	9.21	6.1	5.31	1.87	in.
SR 5.600	294	264	155	135	47,5	mm
	11.57	10.39	6.1	5.31	1.87	in.
SR 6.600	314	284	155	135	47.5	mm
	12.36	11.18	6.1	5.31	1.87	in.



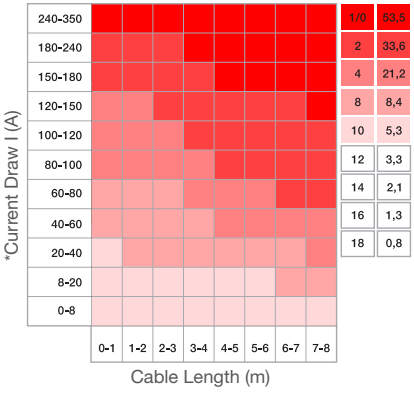


3 CABLE SIZE CALCULATION TABLES:
1: Power supply cable / **2:** Speakers cable.

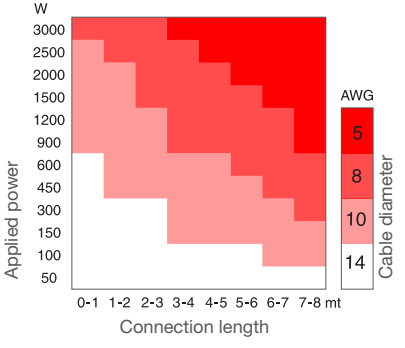
1: Power supply cable

Power & Ground cable calculation table
Minimum gauge size recommended for MAINPOWER & POWER FLOW cables. MAINPOWER cables ensure higher istantaneous current transfer.

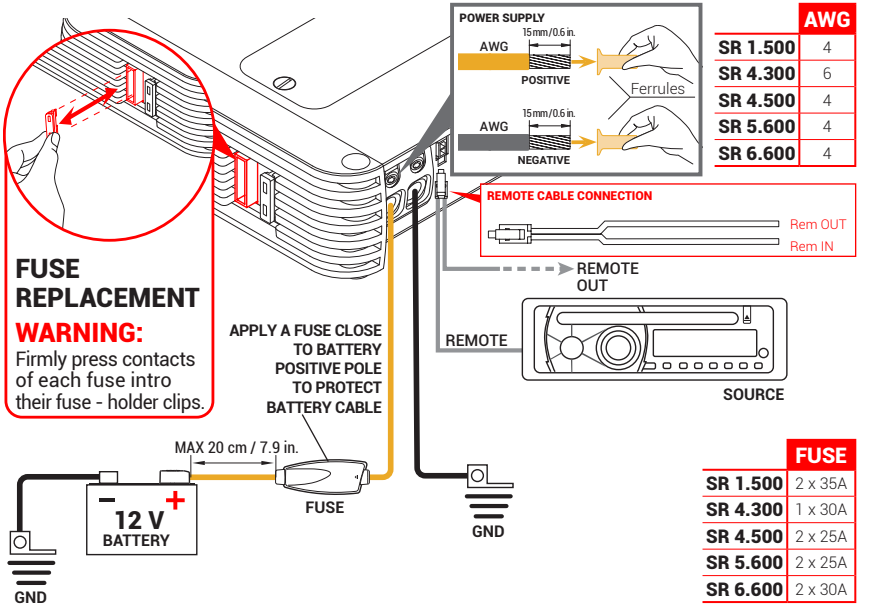
Cable Size A.W.G.	mm²
1/0	53,5
2	33,6
4	21,2
8	8,4
10	5,3
12	3,3
14	2,1
16	1,3
18	0,8



2: Speakers cable



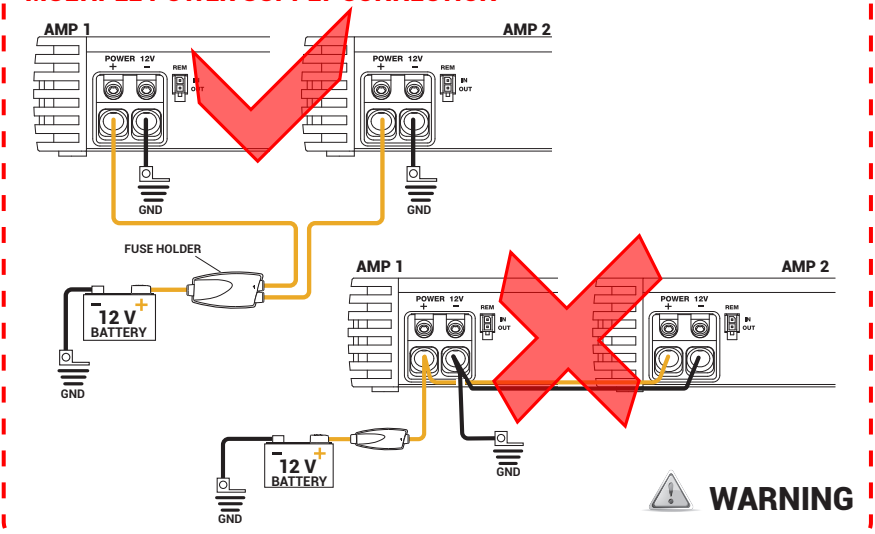
4 POWER SUPPLY and REMOTE IN CONNECTION / FUSE REPLACEMENT



	AWG
SR 1.500	4
SR 4.300	6
SR 4.500	4
SR 5.600	4
SR 6.600	4

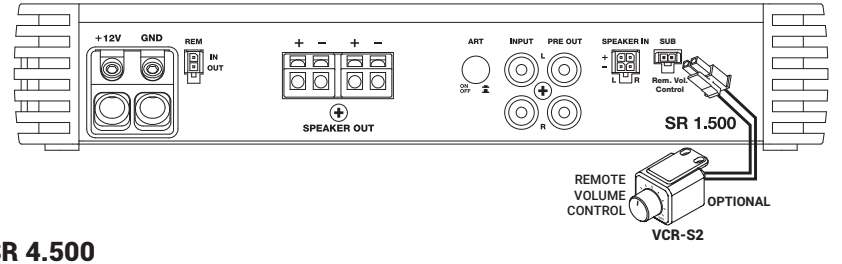
	FUSE
SR 1.500	2 x 35A
SR 4.300	1 x 30A
SR 4.500	2 x 25A
SR 5.600	2 x 25A
SR 6.600	2 x 30A

MULTIPLE POWER SUPPLY CONNECTION

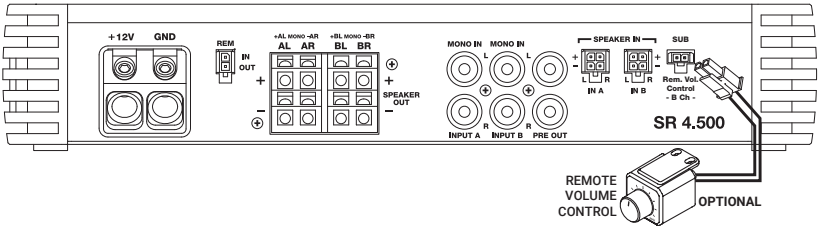


5 SUBWOOFER REMOTE VOLUME CONTROL: VCR-S2 INSTALLATION

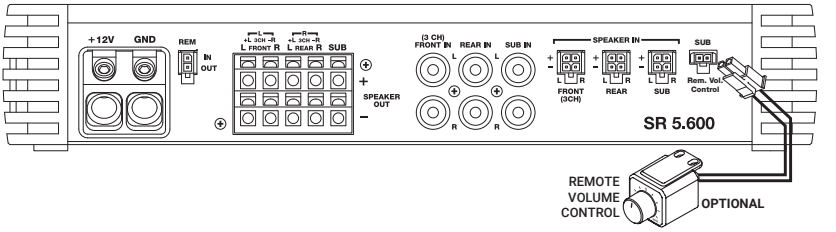
SR 1.500



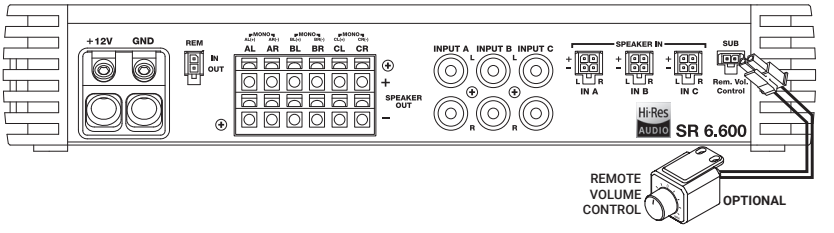
SR 4.500



SR 5.600

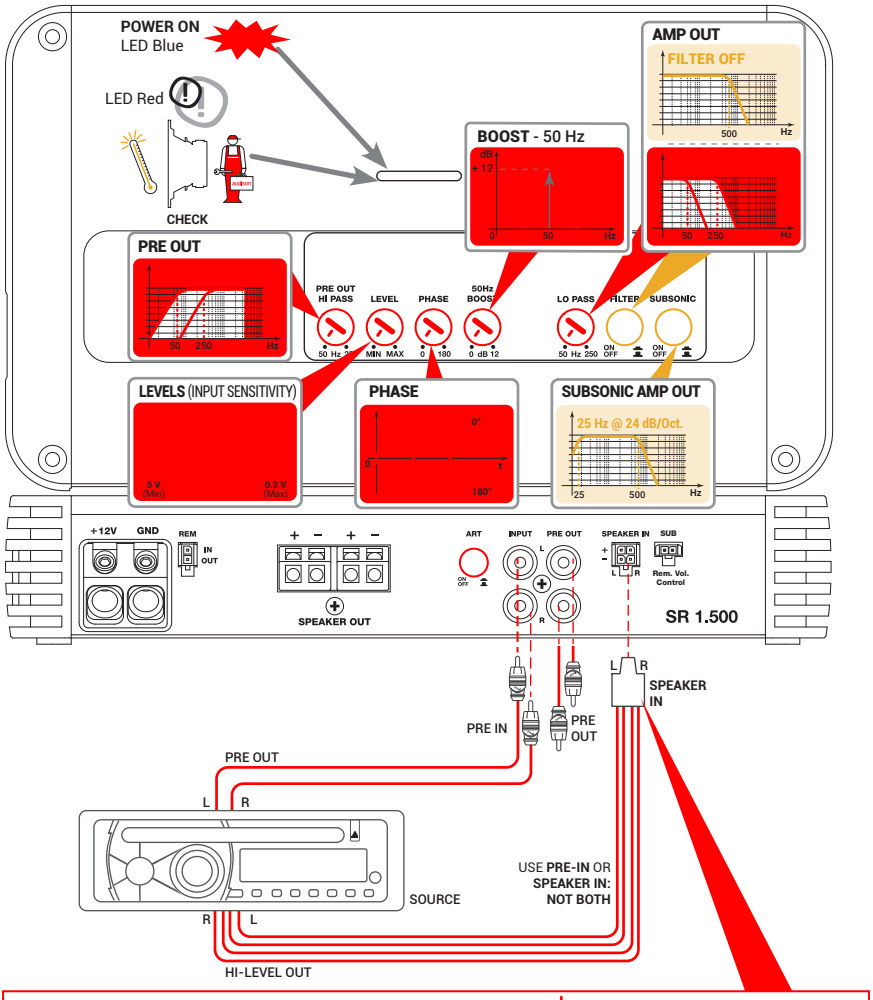


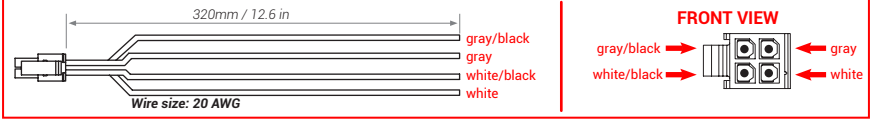
SR 6.600



6 PRE IN / SPEAKER IN / PRE OUT

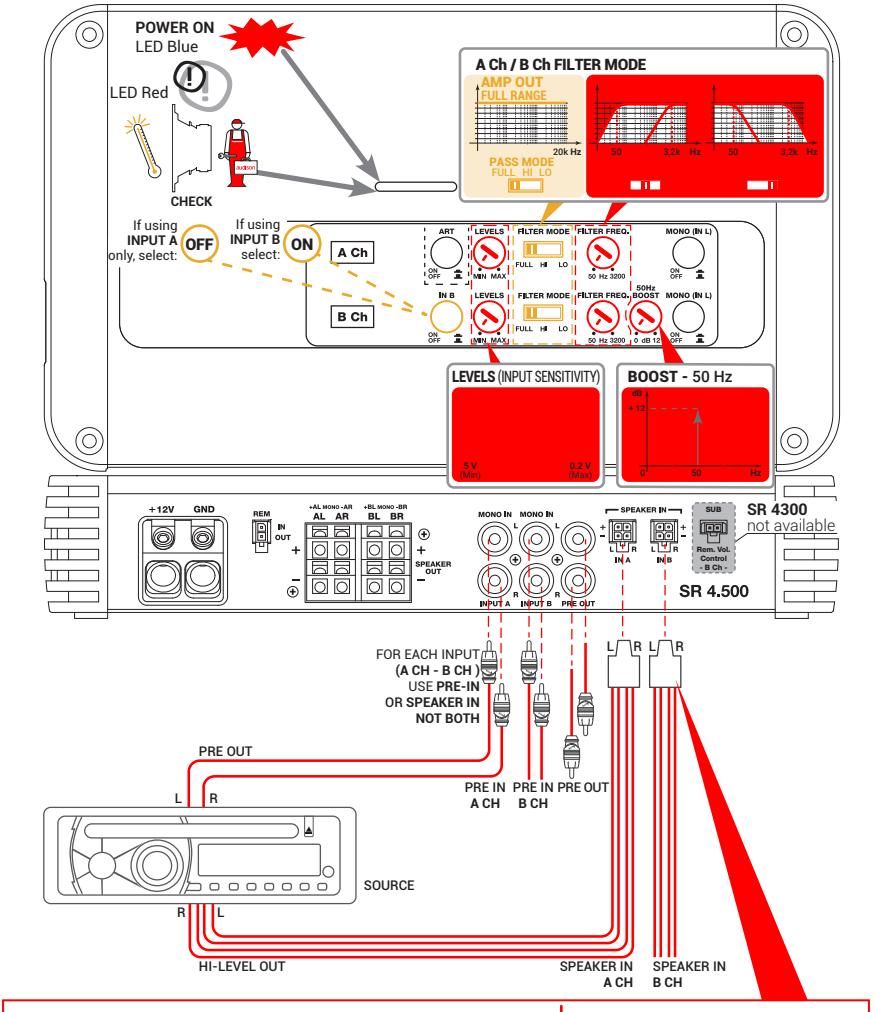
SR 1.500





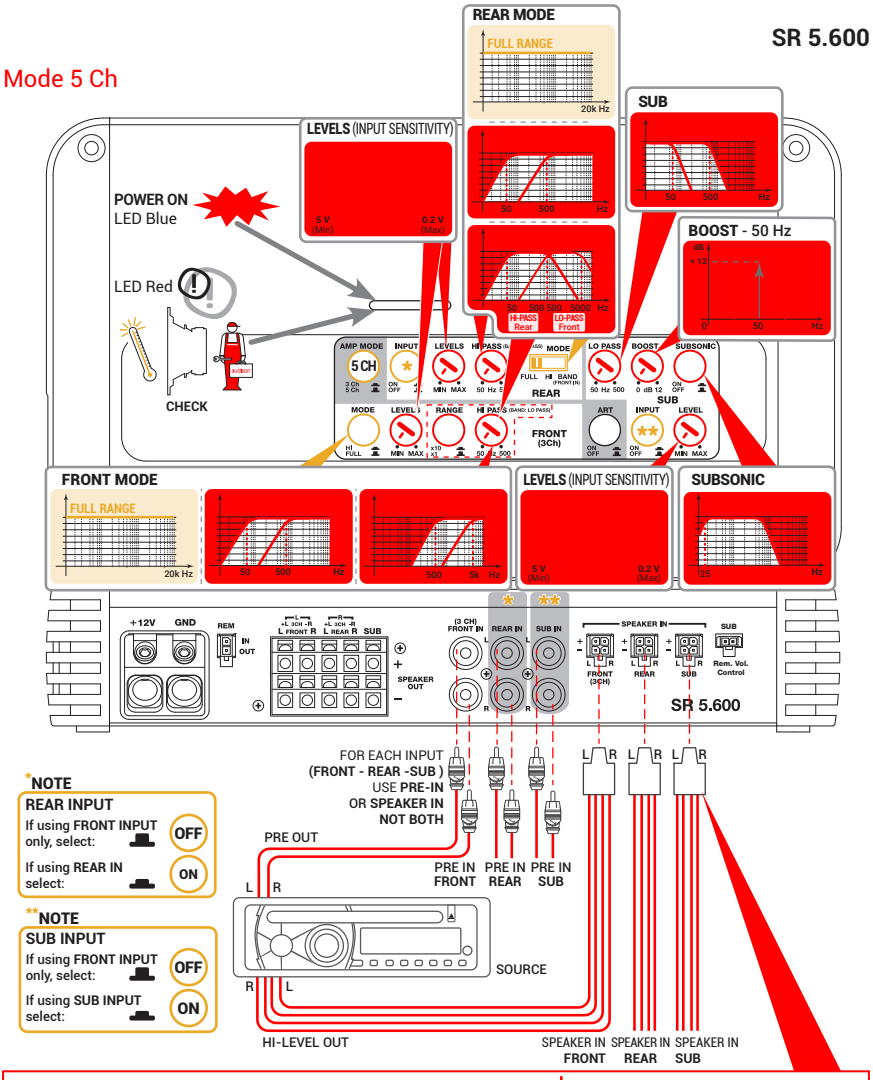
Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

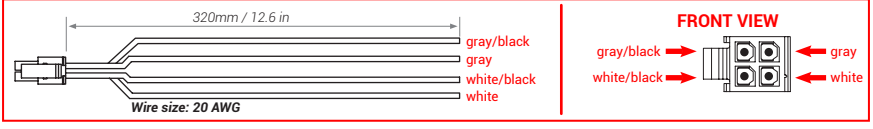
SR 4.300 / SR 4.500



SR 5.600

Mode 5 Ch

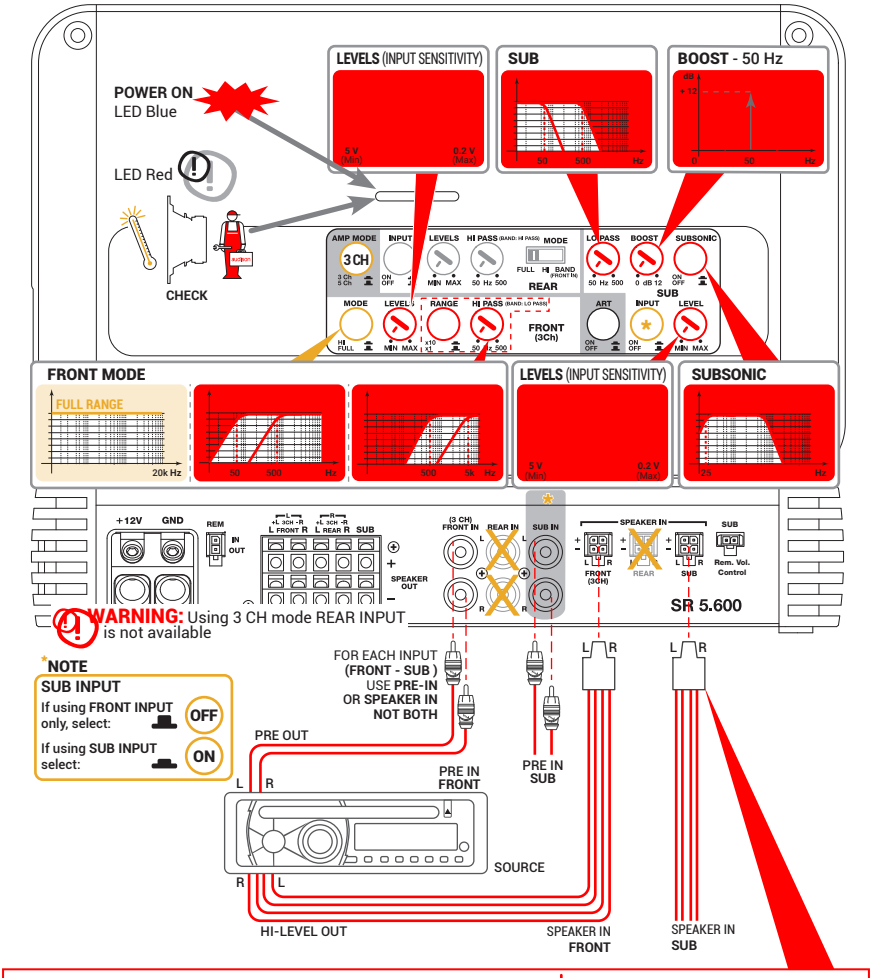




X Not AVAILABLE | ○ – □ Set-up CONTROLS | ○ – □ Adjustment CONTROLS

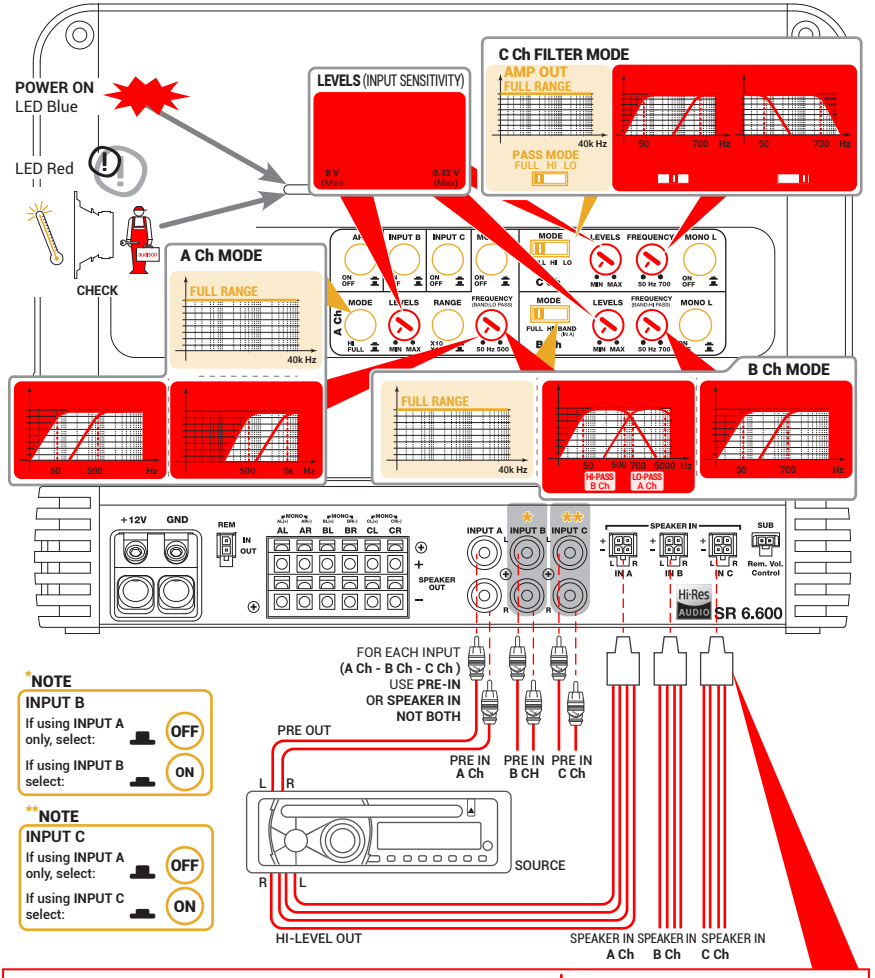
SR 5.600

Mode 3 Ch



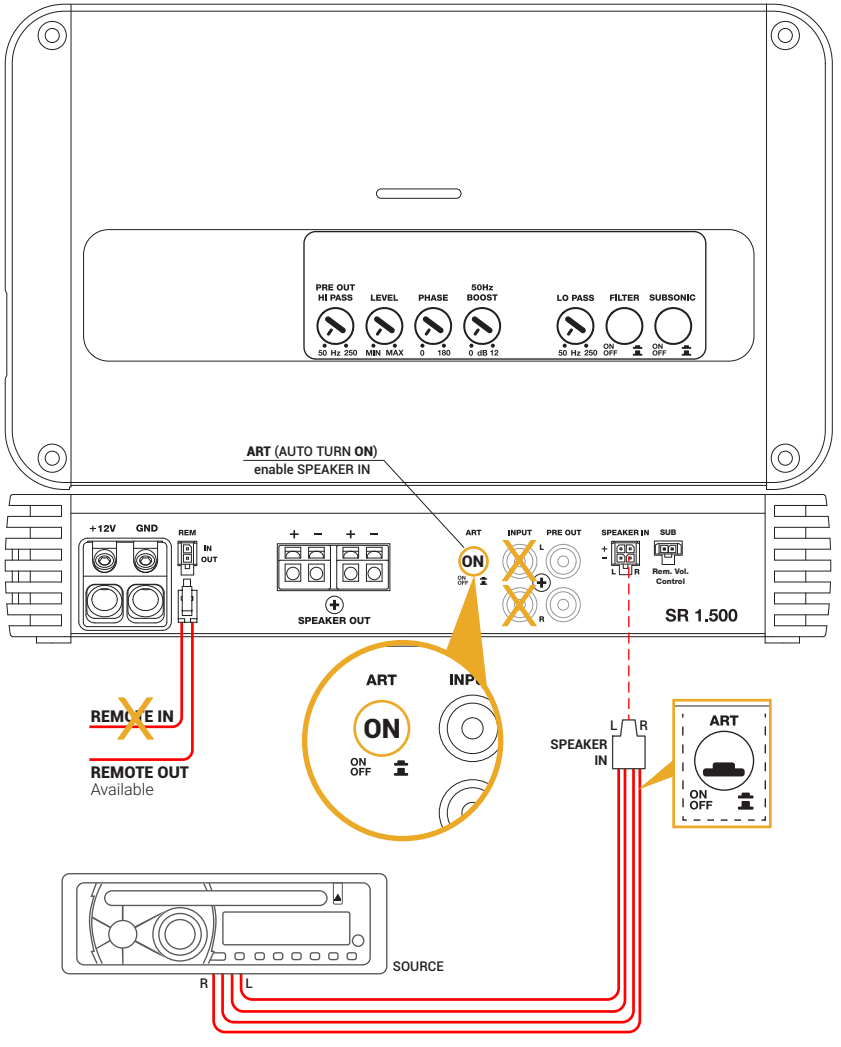
X : Not AVAILABLE | ○ – ▭ : Set-up CONTROLS | ○ – ▭ : Adjustment CONTROLS

SR 6.600


POWER ON
LED Blue
LED Red
CHECK
LEVELS (INPUT SENSITIVITY)
8 V (Min)
0.32 V (Max)
C Ch FILTER MODE
AMP OUT
FULL RANGE
PASS MODE
FULL HI LO
40k Hz
50
700 Hz
A Ch MODE
FULL RANGE
40k Hz
B Ch MODE
INPUT A
INPUT B
INPUT C
MODE
LEVELS
FREQUENCY
MONO L
RANGE
A Ch
B Ch
+12V
GND
REM
IN
OUT
AL AR BL BR CL CR
SPEAKER OUT
SPEAKER IN
SUB
Rem. Vol. Control
Hi-Res AUDIO
SR 6.600
HI-PASS B Ch
LO-PASS A Ch
FOR EACH INPUT
(A Ch - B Ch - C Ch)
USE PRE-IN
OR SPEAKER IN
NOT BOTH
PRE OUT
PRE IN A Ch
PRE IN B CH
PRE IN C Ch
SOURCE
HI-LEVEL OUT
SPEAKER IN A Ch
SPEAKER IN B Ch
SPEAKER IN C Ch
*NOTE
INPUT B
If using INPUT A only, select: OFF
If using INPUT B select: ON
**NOTE
INPUT C
If using INPUT A only, select: OFF
If using INPUT C select: ON
320mm / 12.6 in
gray/black
gray
white/black
white
Wire size: 20 AWG
FRONT VIEW
gray/black
white/black
gray
white
Not AVAILABLE
Set-up CONTROLS
Adjustment CONTROLS

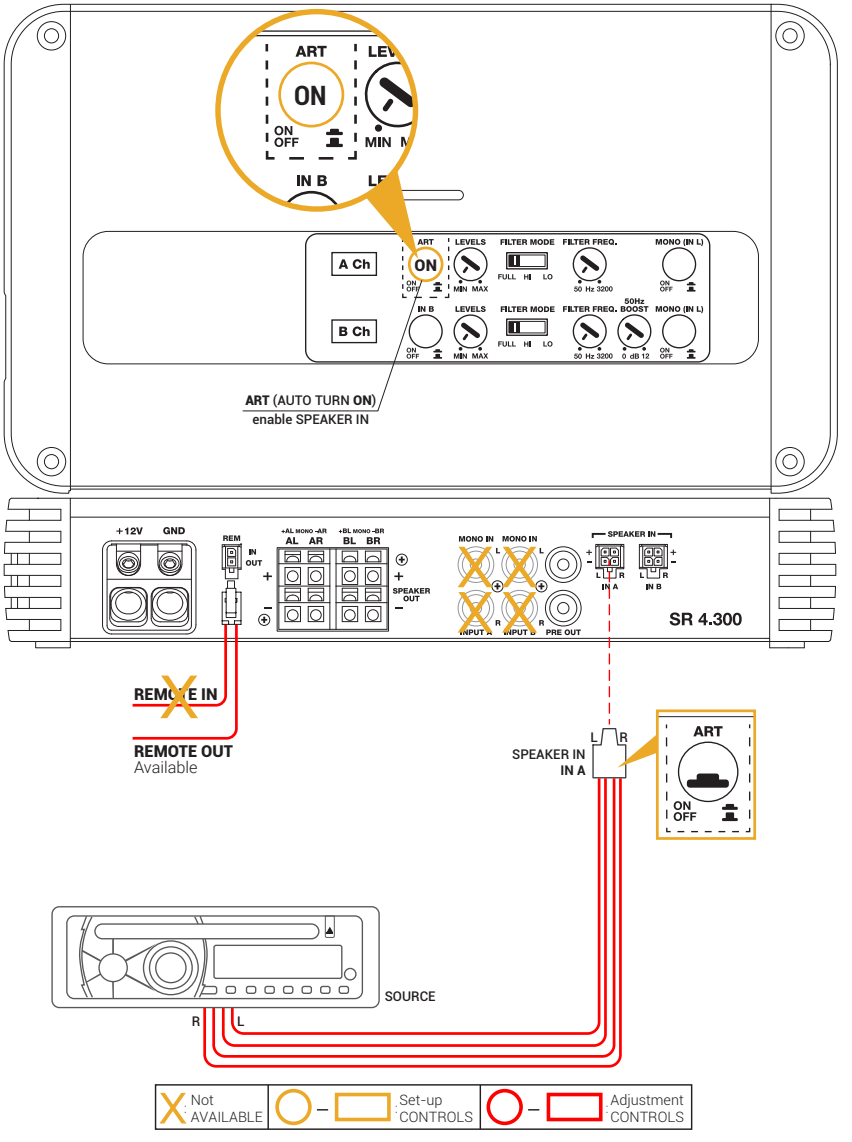
7 AUTO TURN ON BY SPEAKER IN (without REMOTE IN)

SR 1.500

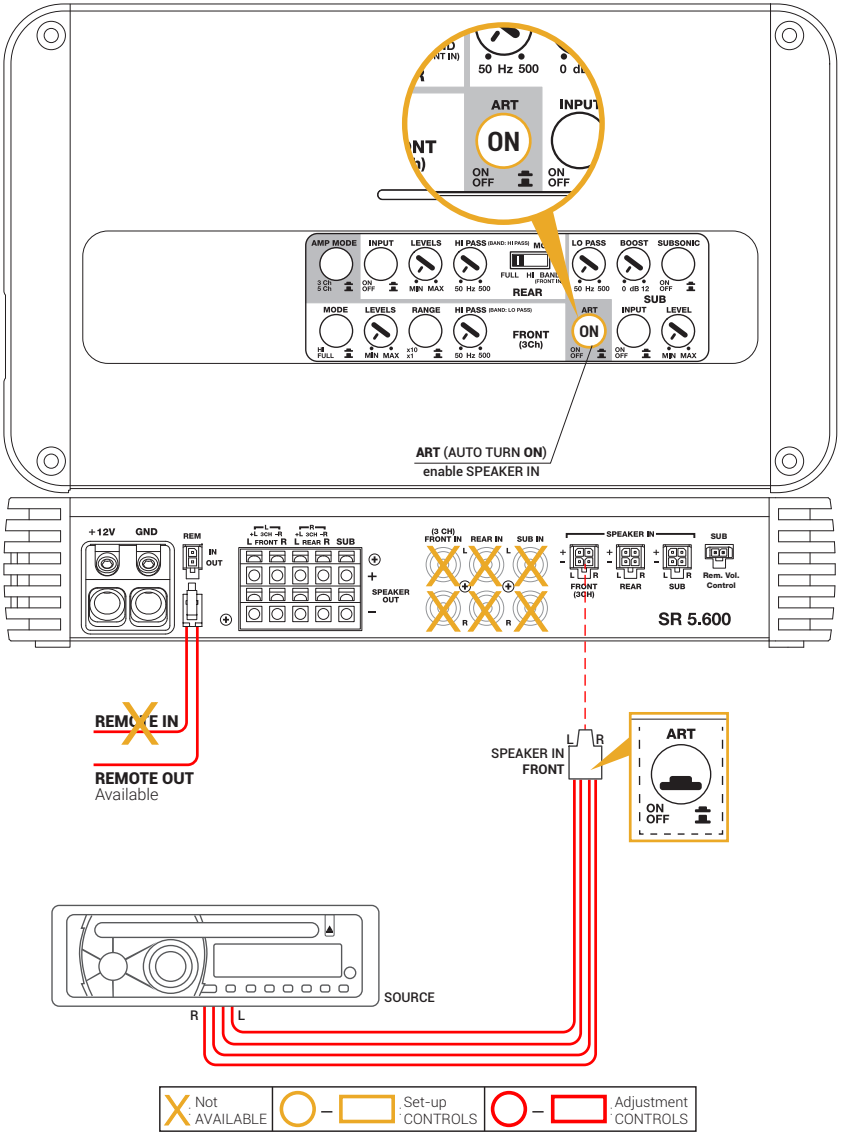


Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

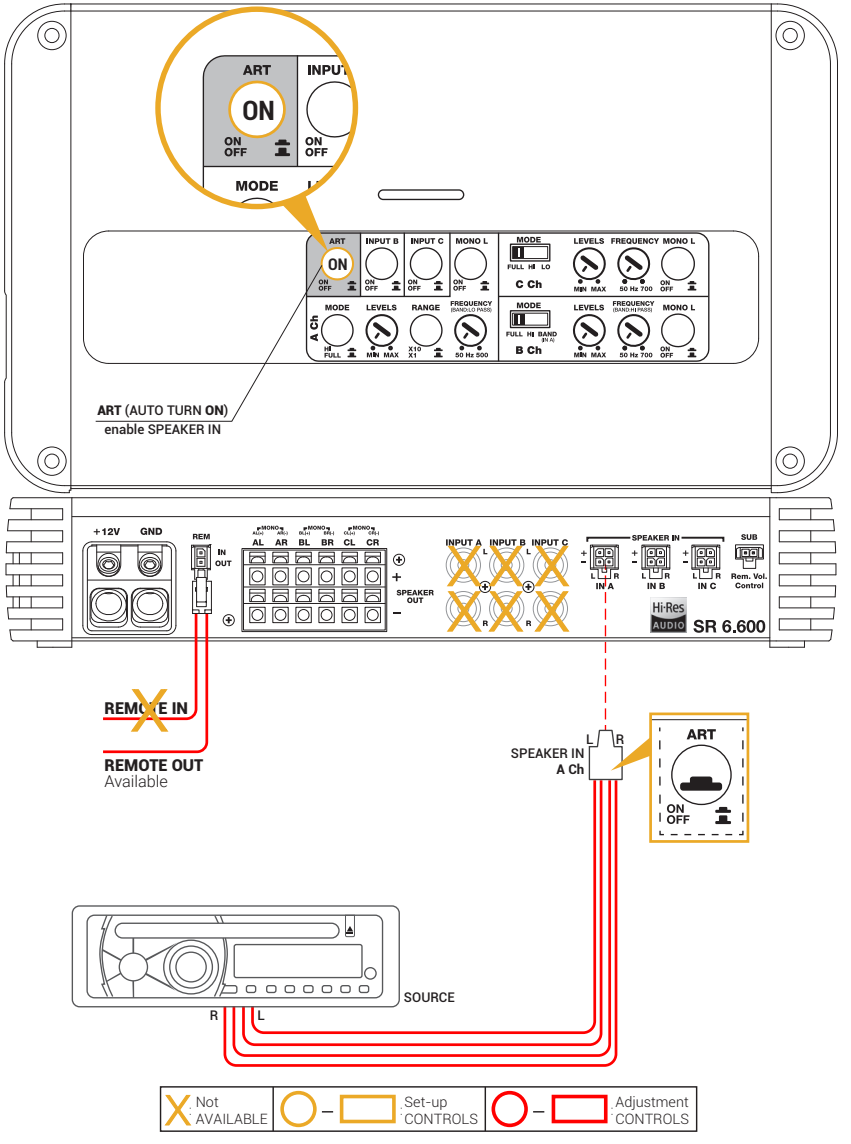
SR 4.300 / SR 4.500



SR 5.600


ART
ON
INPUT
ON OFF
AMP MODE
INPUT
LEVELS
HI PASS
LO PASS
BOOST
SUBSONIC
REAR
SUB
MODE
LEVELS
RANGE
HI PASS
ART
INPUT
LEVEL
FRONT (3Ch)
ART (AUTO TURN ON)
enable SPEAKER IN
+12V
GND
REM
IN
OUT
SPEAKER OUT
(3 CH) FRONT IN
REAR IN
SUB IN
SPEAKER IN
FRONT (3CH)
REAR
SUB
Rem. Vol. Control
SR 5.600
REMOTE IN
REMOTE OUT
Available
SPEAKER IN FRONT
SOURCE
Not AVAILABLE
Set-up CONTROLS
Adjustment CONTROLS

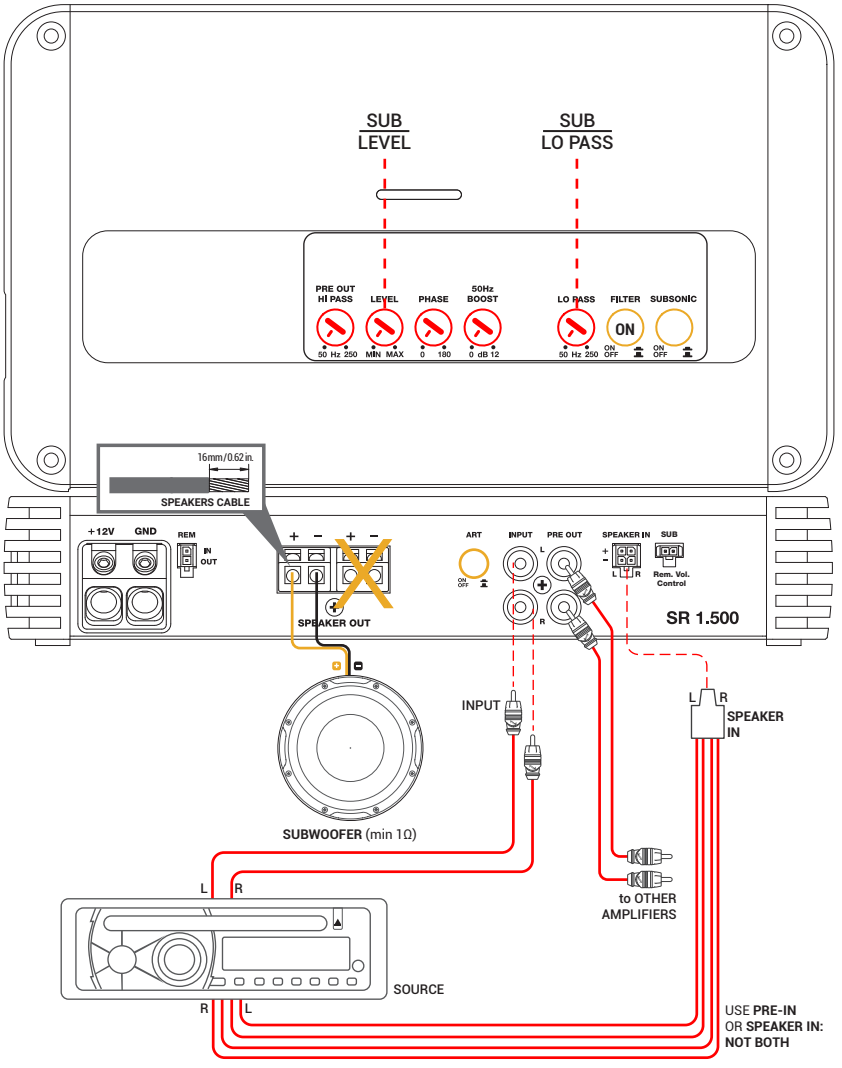
SR 6.600


ART
ON
ON OFF
INPUT
ON OFF
MODE
ART (AUTO TURN ON)
enable SPEAKER IN
+12V
GND
REM
IN
OUT
AL AR BL BR CL CR
SPEAKER OUT
INPUT A
INPUT B
INPUT C
SPEAKER IN
SUB
IN A
IN B
IN C
Rem. Vol. Control
Hi-Res AUDIO
SR 6.600
REMOTE IN
REMOTE OUT
Available
SPEAKER IN
A Ch
L
R
ART
ON
OFF
SOURCE
R
L
: Not AVAILABLE
: Set-up CONTROLS
: Adjustment CONTROLS

8 INSTALLATION EXAMPLES

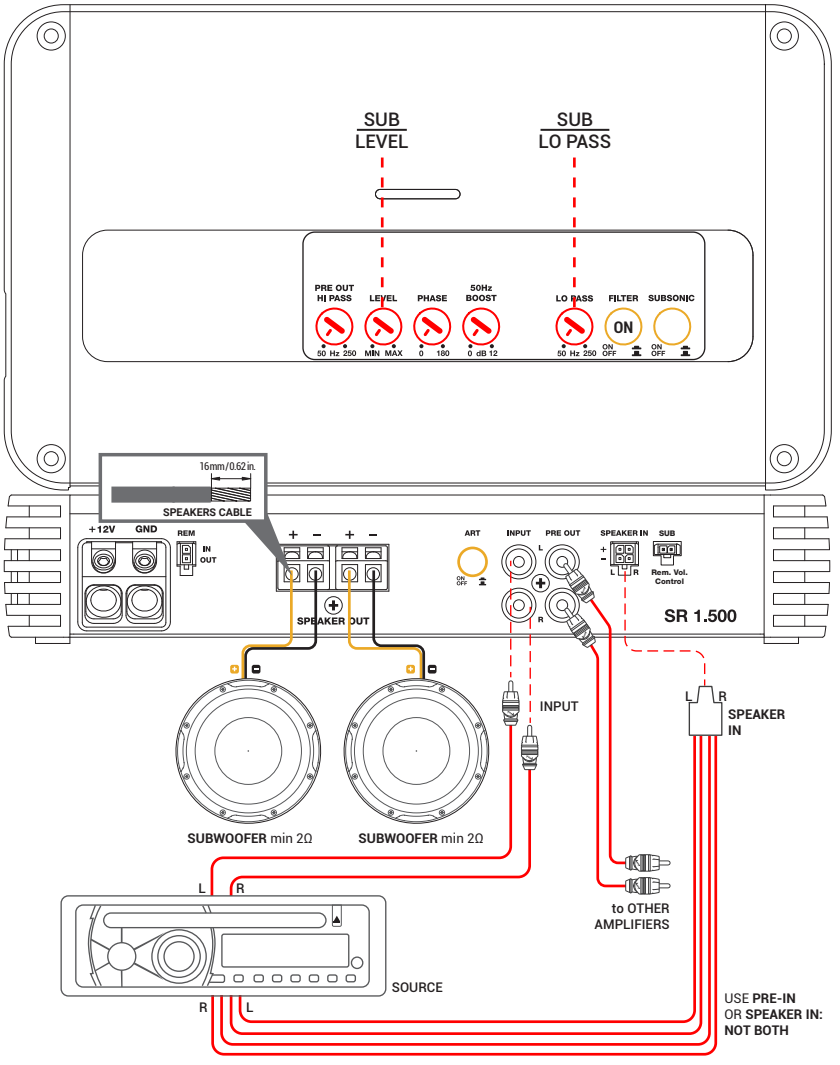
SR 1.500

1CH: FILTERED SUBWOOFER



SR 1.500

1CH: FILTERED 2 X 2Ω SUBWOOFER

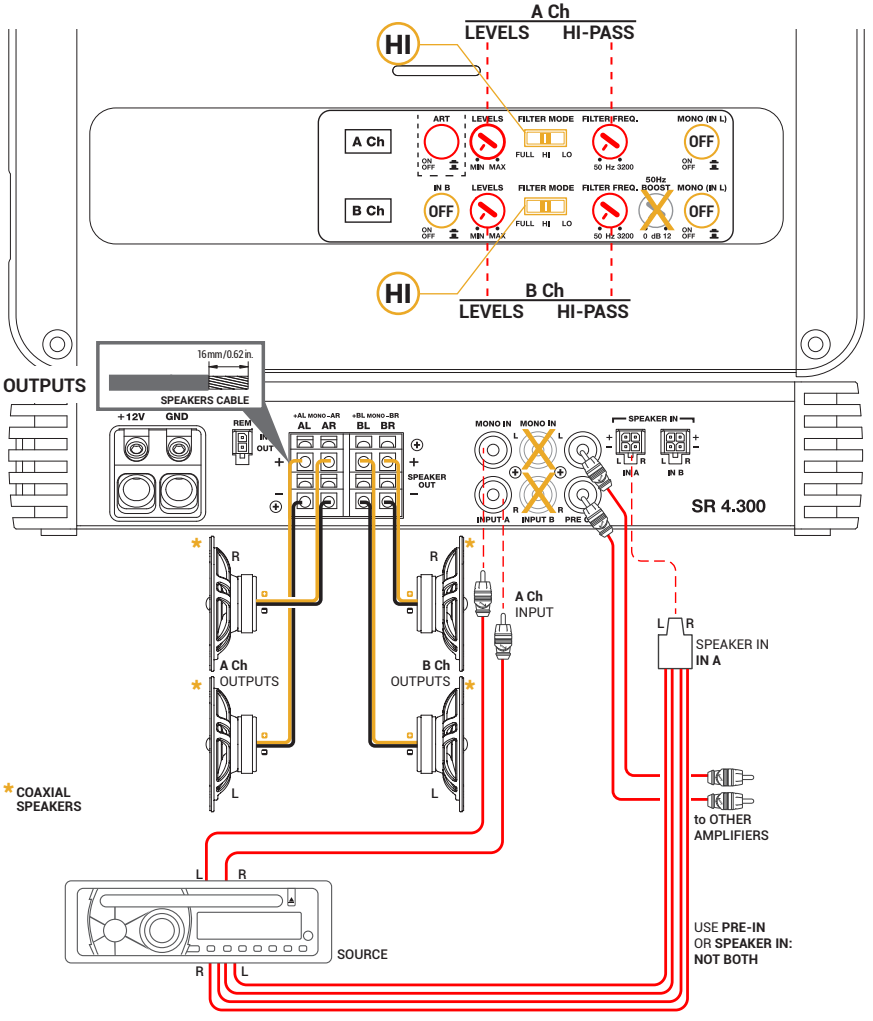


Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

4CH: A Ch + B Ch

SR 4.300 / SR 4.500

INPUTS: **INPUT A**

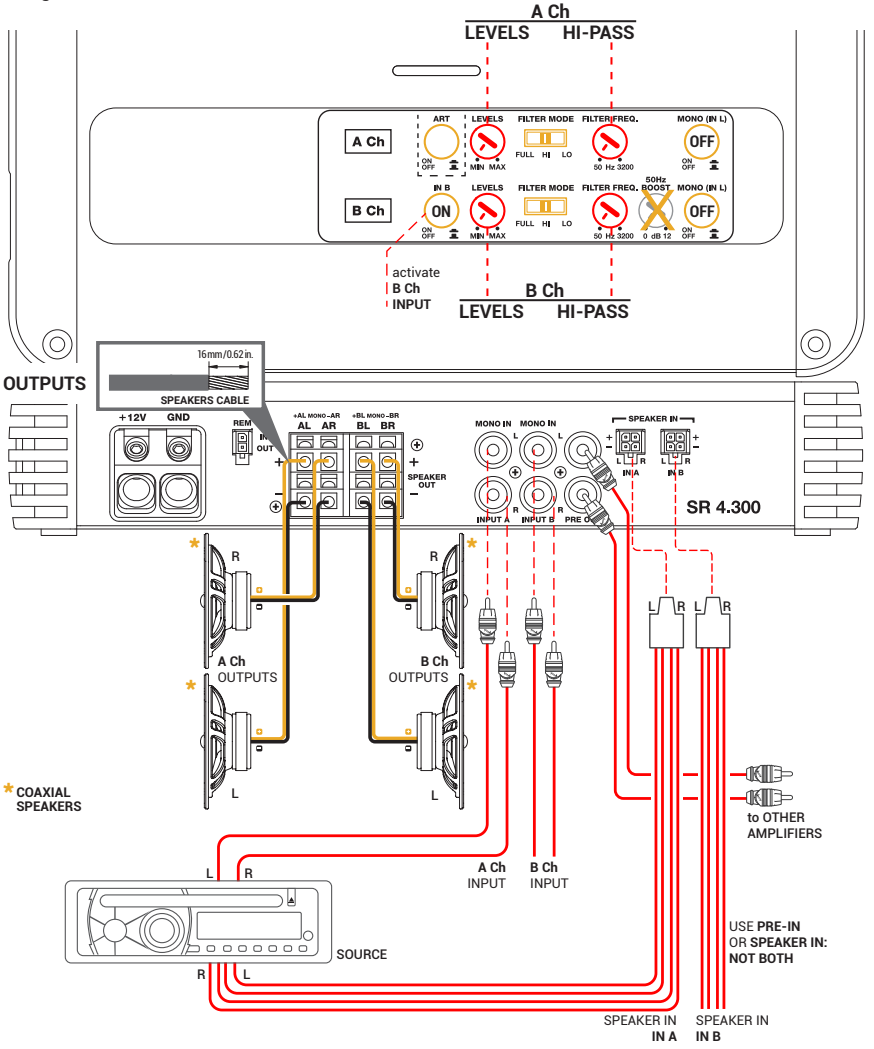


Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

4CH: A Ch + B Ch

SR 4.300 / SR 4.500

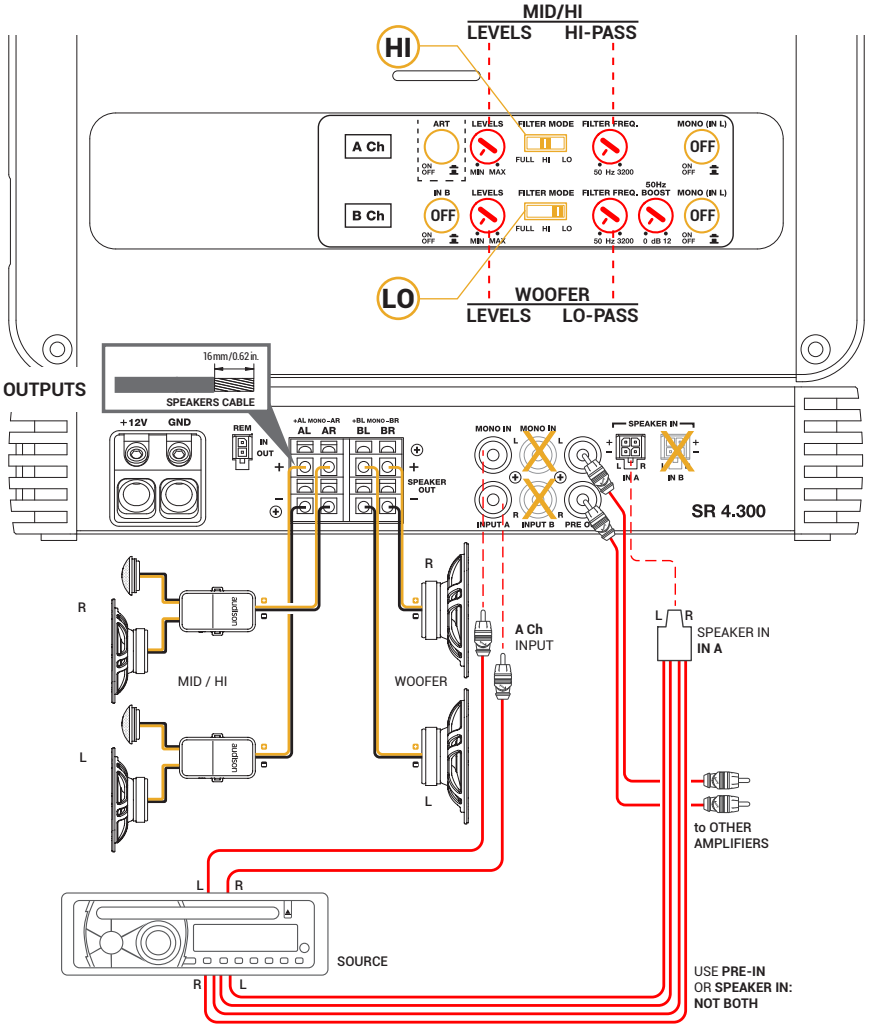
Using also **B Ch**:



Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

4CH: WOOFER + MID/HI

SR 4.300 / SR 4.500

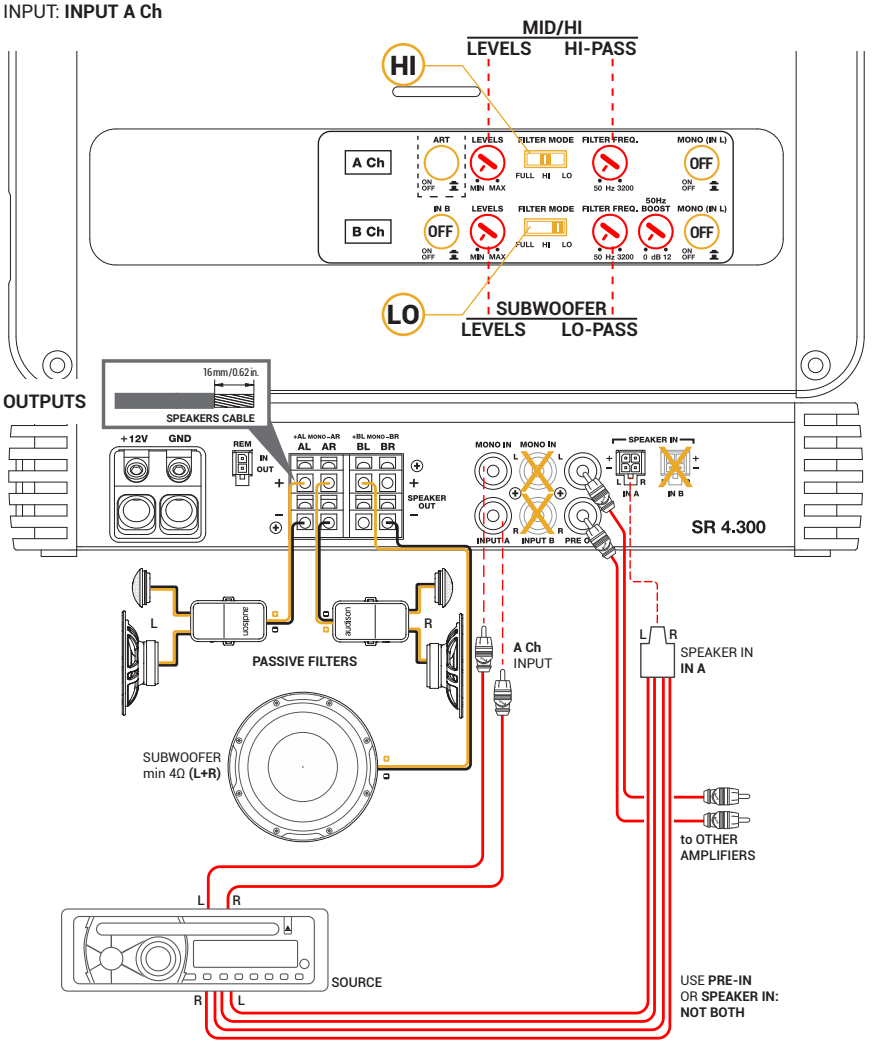


Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

3CH: FRONT + SUB

SR 4.300 / SR 4.500

INPUT: **INPUT A Ch**

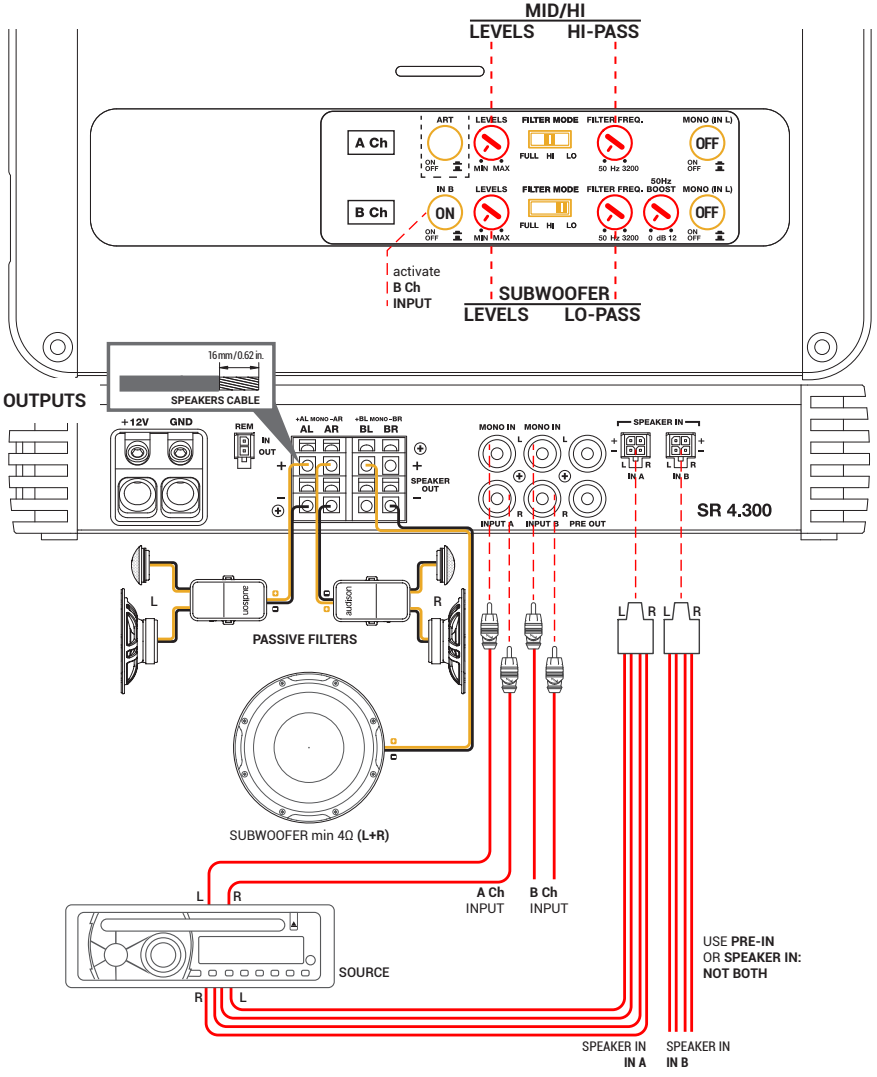


Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

3CH: FRONT + SUB

SR 4.300 / SR 4.500

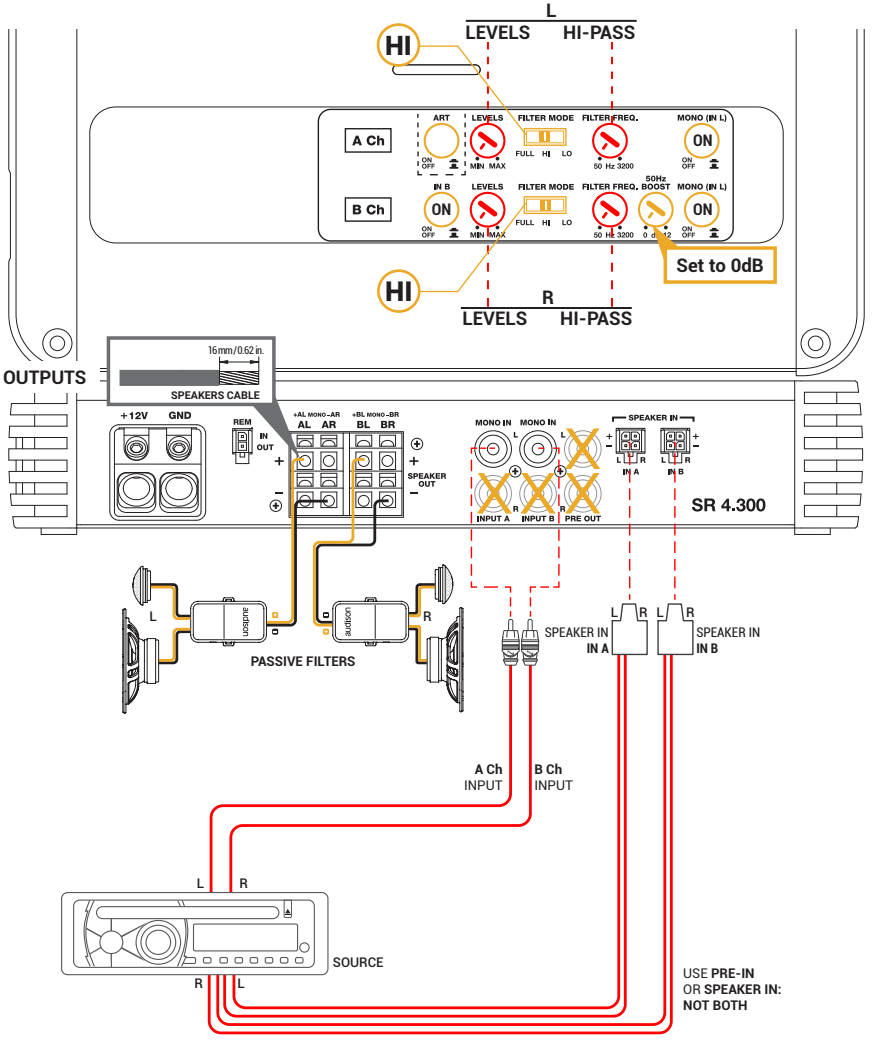
Using also **B Ch INPUT** to drive SUBWOOFER:



X : Not AVAILABLE | ○ – ▭ : Set-up CONTROLS | ○ – ▭ : Adjustment CONTROLS

2CH: BRIDGE LEFT + RIGHT

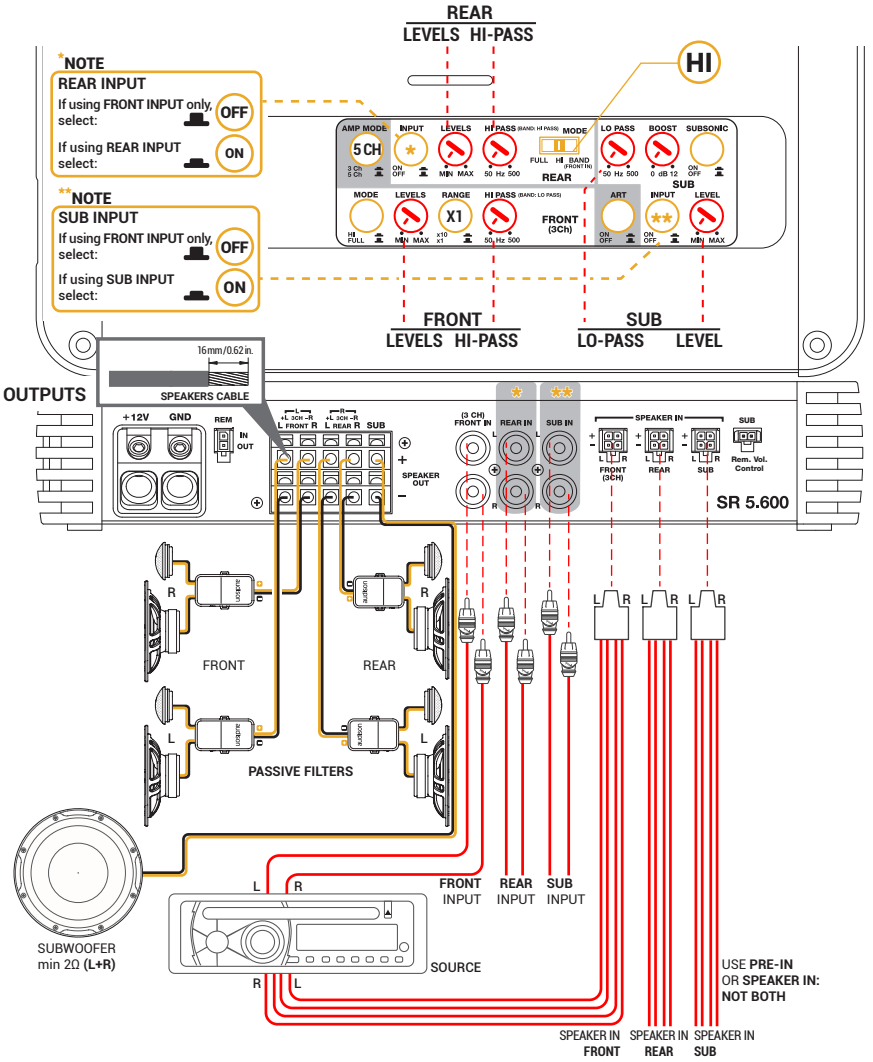
SR 4.300 / SR 4.500



Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

5CH: FRONT + REAR + SUB

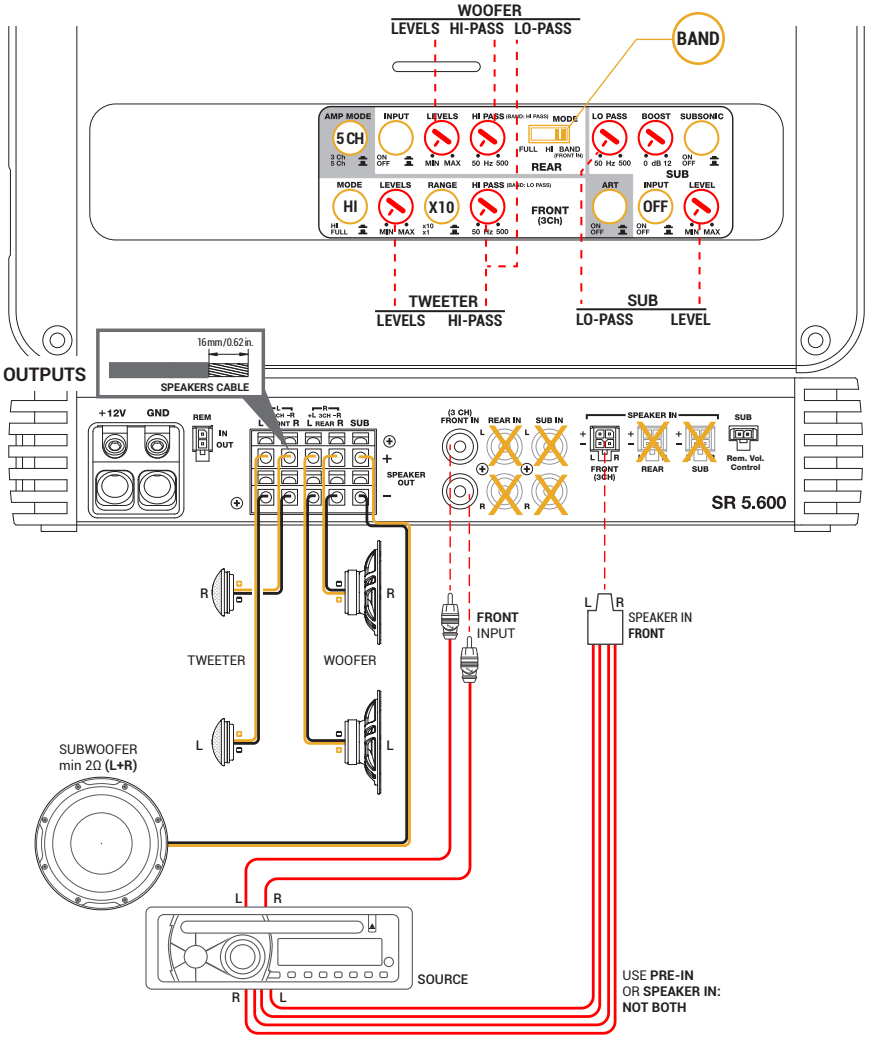
SR 5.600



X : Not AVAILABLE | ○ – ▭ : Set-up CONTROLS | ○ – ▭ : Adjustment CONTROLS

5CH: 2 WAY FRONT + SUB

SR 5.600

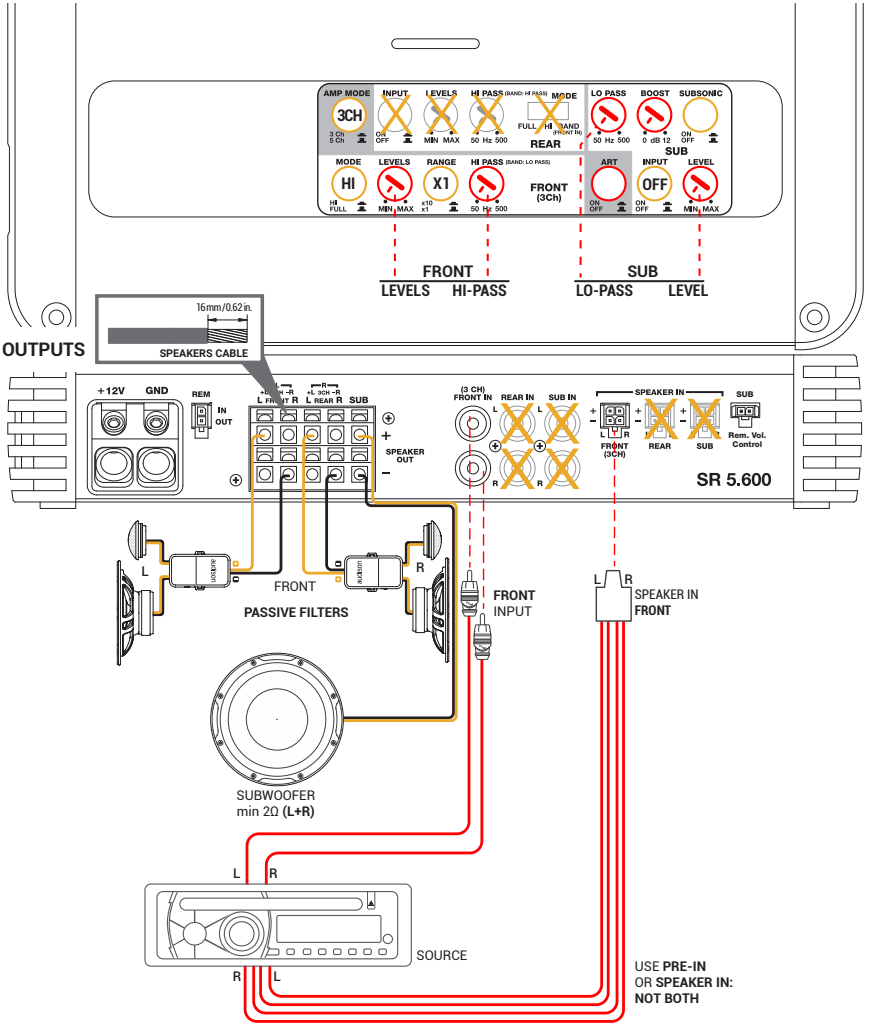


Not AVAILABLE | Set-up CONTROLS | Adjustment CONTROLS

3CH: FRONT + SUB

SR 5.600

INPUTS: **FRONT**

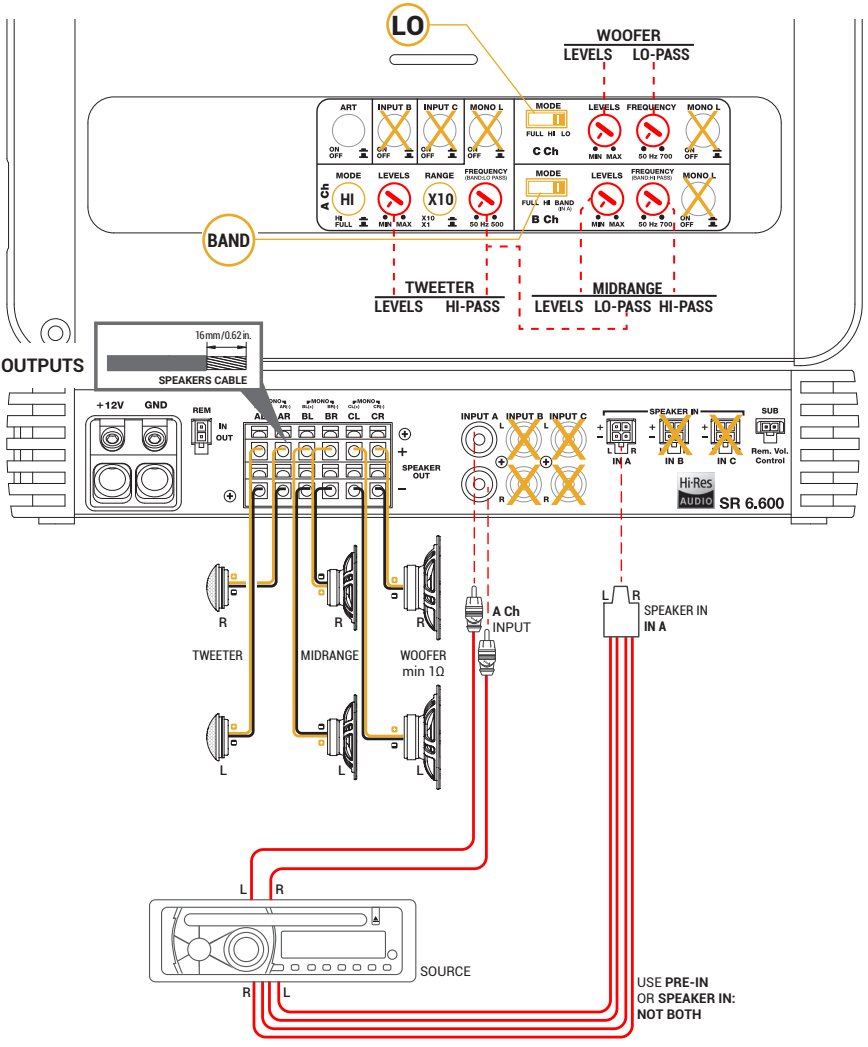


: Not AVAILABLE — : Set-up CONTROLS — : Adjustment CONTROLS

6CH: 3 WAY FRONT

SR 6.600

INPUTS: **A**



X : Not AVAILABLE

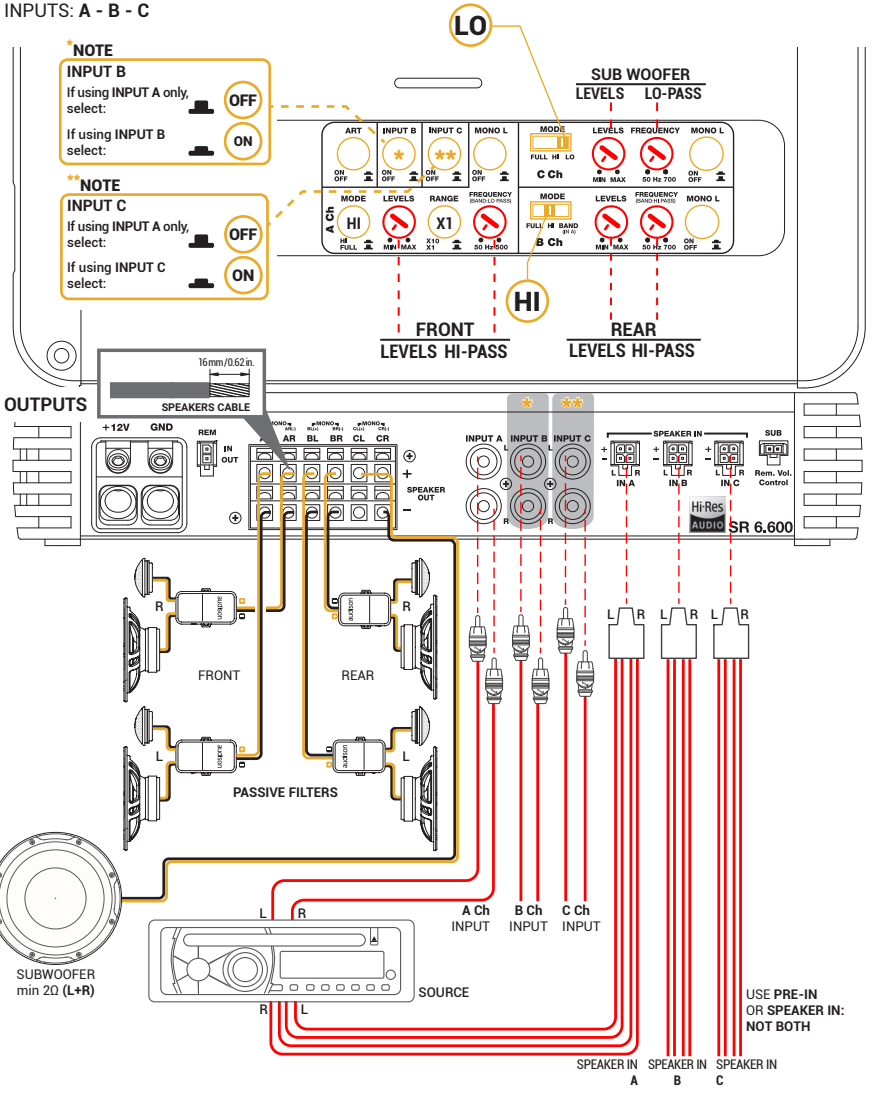
○ – ▭ : Set-up CONTROLS

○ – ▭ : Adjustment CONTROLS

5CH: FRONT + REAR + SUB

SR 6.600

INPUTS: **A - B - C**

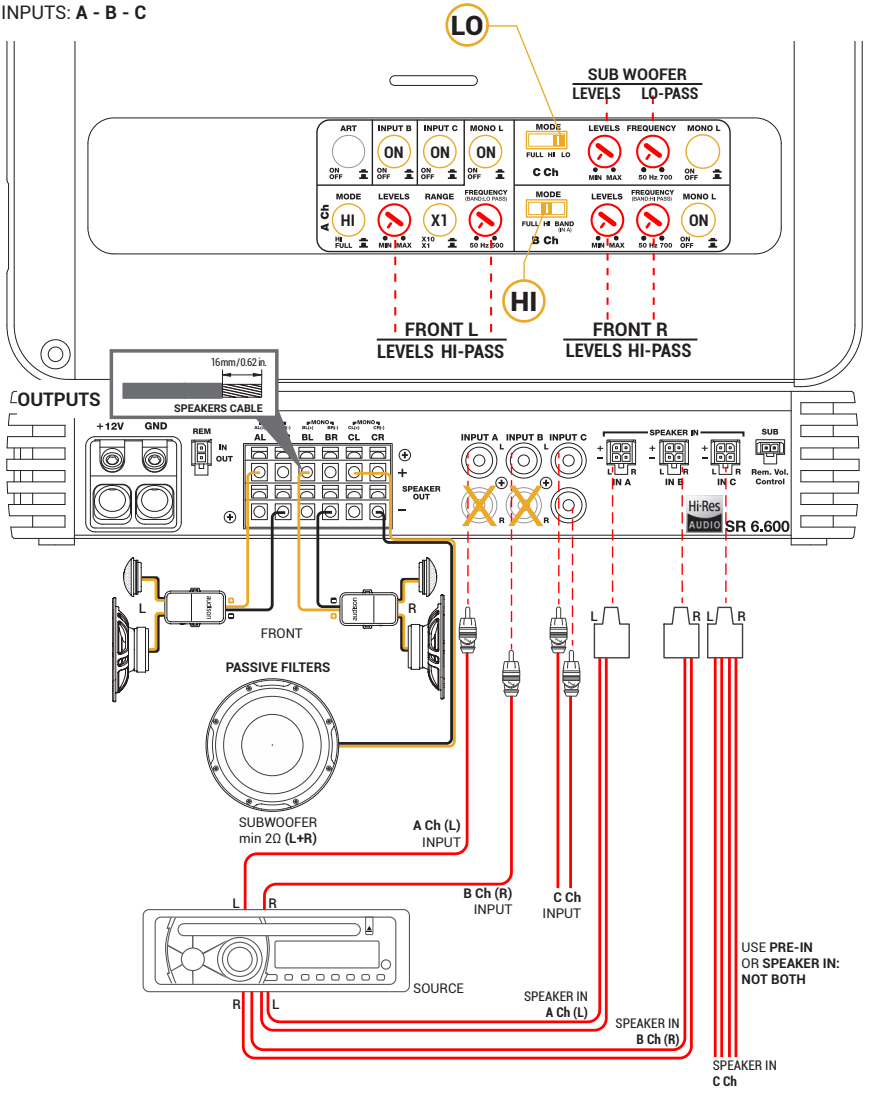


X: Not AVAILABLE | ○ – ▭ : Set-up CONTROLS | ○ – ▭ : Adjustment CONTROLS

3CH: FRONT + SUB

SR 6.600

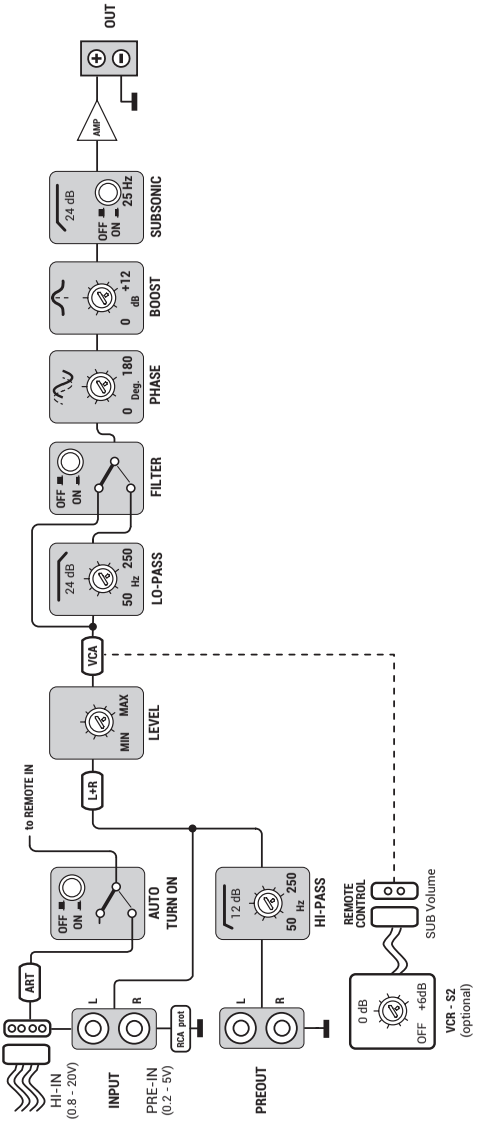
INPUTS: **A - B - C**



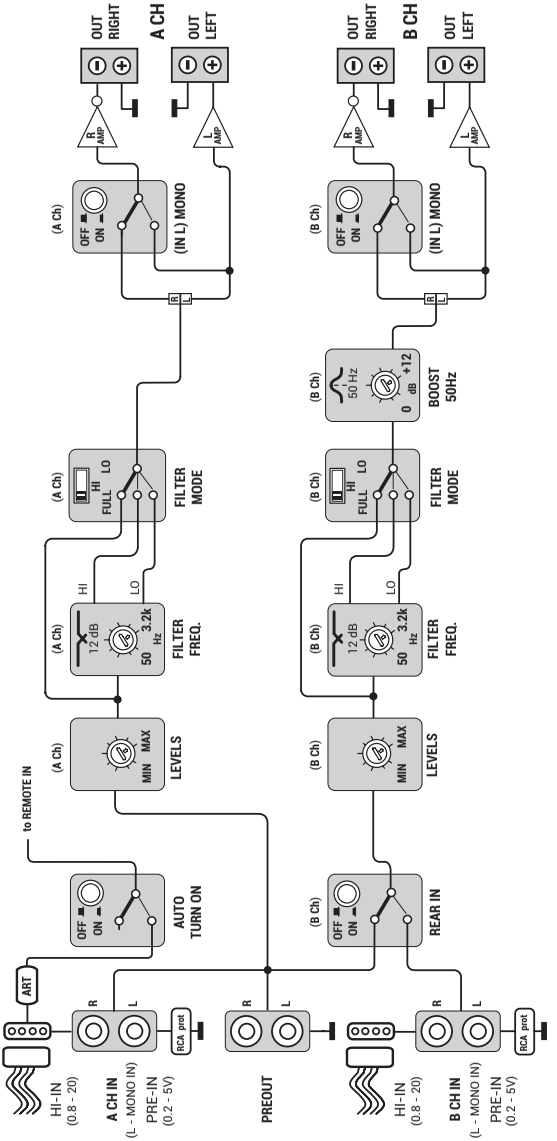
X : Not AVAILABLE | ○ – ▭ : Set-up CONTROLS | ○ – ▭ : Adjustment CONTROLS

9 BLOCK DIAGRAMS

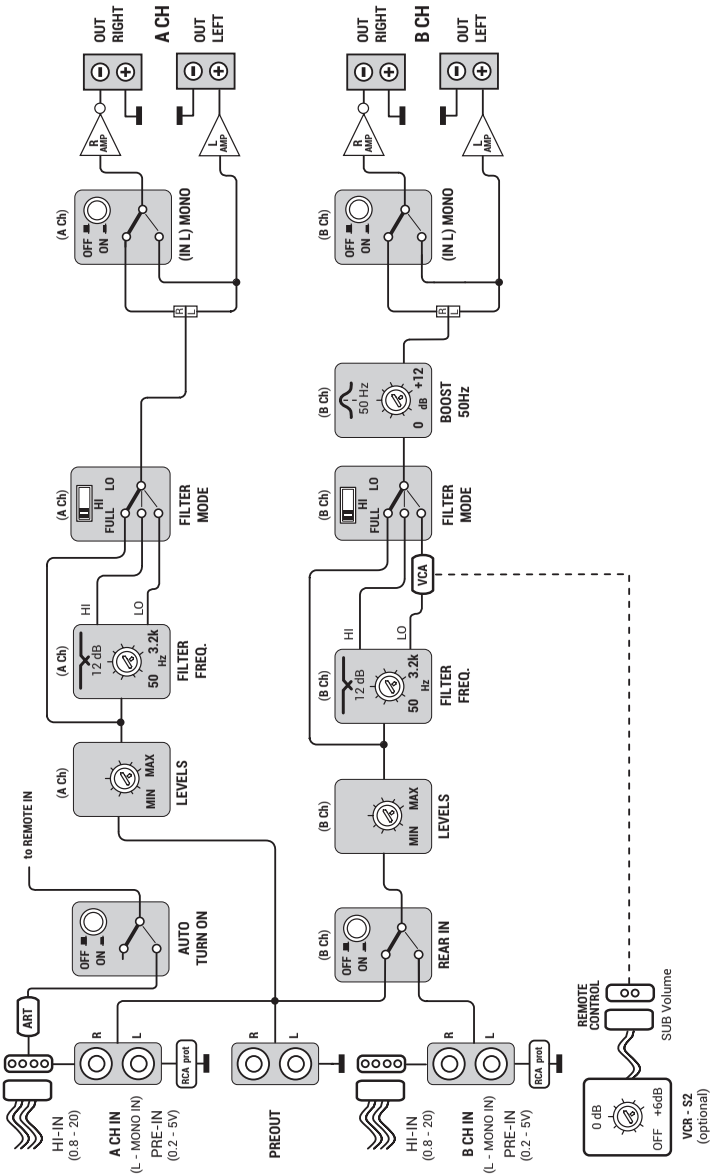
SR 1.500



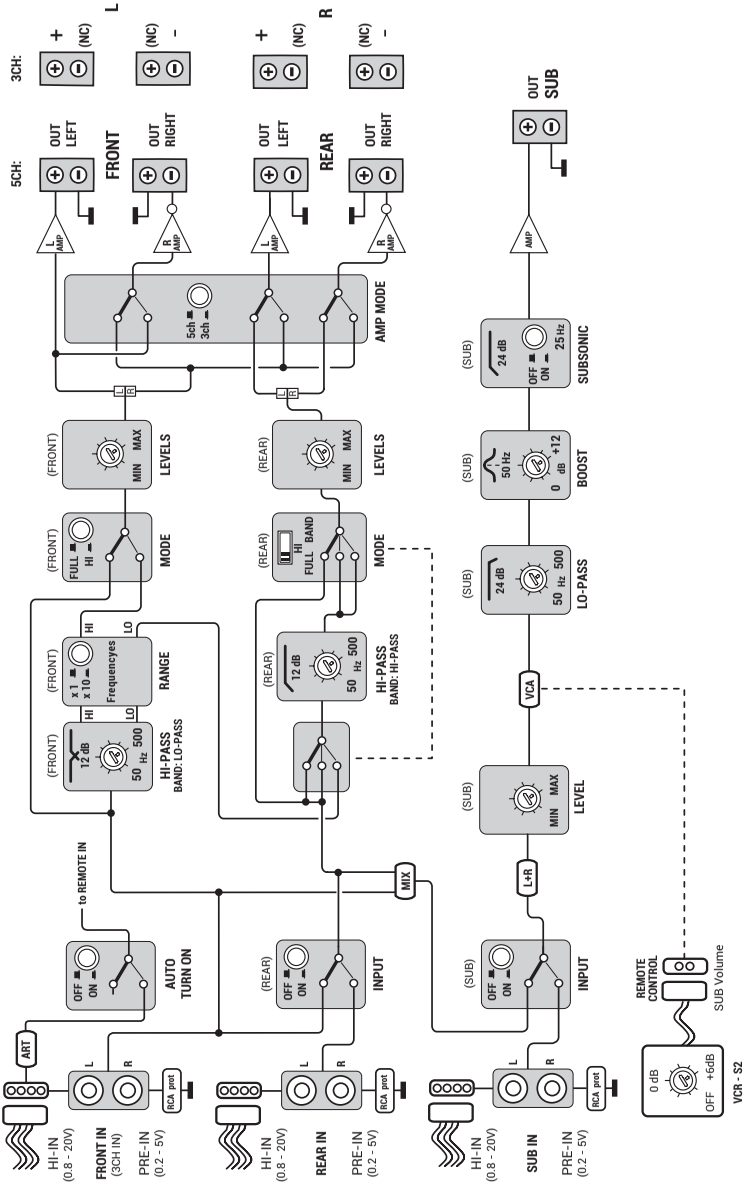
SR 4.300


A CH
OUT RIGHT
OUT LEFT
R AMP
L AMP
(A Ch)
OFF ON
(IN L) MONO
FILTER MODE
FULL HI LO
FILTER FREQ.
12 dB
50 Hz 3.2k
HI
LO
LEVELS
MIN MAX
to REMOTE IN
AUTO TURN ON
ART
HI-IN (0.8 - 20)
A CH IN (L - MONO IN)
PRE-IN (0.2 - 5V)
RCA prot
R
L
PREOUT
B CH
(B Ch)
REAR IN
BOOST 50Hz
0 dB +12
50 Hz

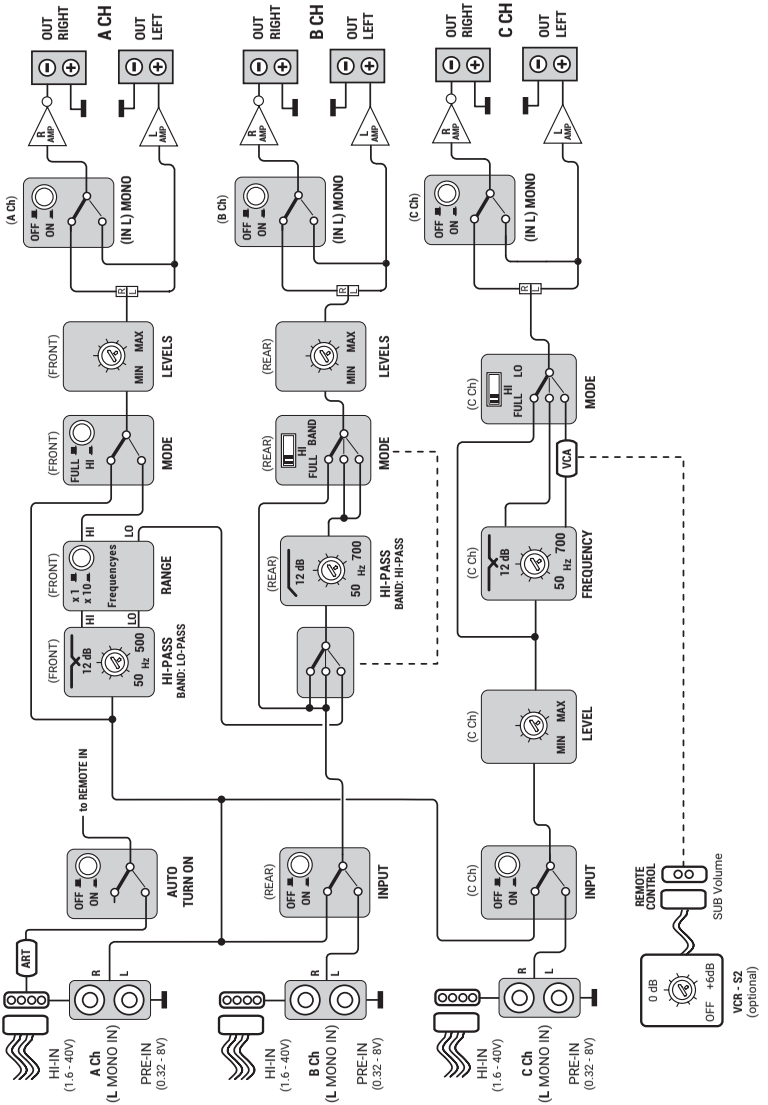
SR 4.500


OUT RIGHT
A CH
OUT LEFT
R AMP
L AMP
(A Ch)
OFF ON
(IN L) MONO
B CH
(B Ch)
BOOST 50Hz
50 Hz
0 dB +12
FILTER MODE
FULL HI LO
FILTER FREQ.
12 dB
50 3.2k Hz
HI
LO
VCA
LEVELS
MIN MAX
to REMOTE IN
AUTO TURN ON
REAR IN
ART
R
L
RCA prot
HI-IN (0.8 - 20)
A CH IN (L - MONO IN) PRE-IN (0.2 - 5V)
PREOUT
B CH IN (L - MONO IN) PRE-IN (0.2 - 5V)
REMOTE CONTROL
SUB Volume
0 dB
OFF +6dB
VCR - S2 (optional)

SR 5.600


L
R
3CH:
5CH:
+
(NC)
-
OUT LEFT
OUT RIGHT
FRONT
REAR
OUT SUB
AMP
L AMP
R AMP
5ch
3ch
AMP MODE
(FRONT)
(REAR)
(SUB)
LEVELS
MODE
FULL
HI
BAND
RANGE
x 1
x 10
Frequencyes
HI-PASS
BAND: LO-PASS
BAND: HI-PASS
12 dB
24 dB
50 Hz 500
LO-PASS
50 Hz
0 dB +12
BOOST
OFF ON
25 Hz
SUBSONIC
VCA
LEVEL
L+R
MIX
to REMOTE IN
AUTO TURN ON
INPUT
ART
RCA pair
HI-IN (0.8 - 20V)
PRE-IN (0.2 - 5V)
FRONT IN (3CH IN)
REAR IN
SUB IN
REMOTE CONTROL
SUB Volume
0 dB
OFF +6dB
VCR - S2 (optional)

SR 6.600


A CH
B CH
C CH
OUT RIGHT
OUT LEFT
R AMP
L AMP
(A Ch)
(B Ch)
(C Ch)
OFF ON
(IN L) MONO
(FRONT)
(REAR)
MIN MAX
LEVELS
FULL HI
MODE
HI LO
RANGE
Frequencies
12 dB
50 Hz 500
HI-PASS
BAND: LO-PASS
50 Hz 700
BAND: HI-PASS
FREQUENCY
VCA
LEVEL
to REMOTE IN
AUTO TURN ON
INPUT
ART
HI-IN (1.6 - 40V)
A Ch (L MONO IN)
B Ch (L MONO IN)
C Ch (L MONO IN)
PRE-IN (0.32 - 8V)
R
L
REMOTE CONTROL
SUB Volume
0 dB
OFF +6dB
VCR - S2 (optional)

10 TECHNICAL SPECIFICATIONS

SR 1.500

POWER SUPPLY

Nominal power supply voltage / fuse	11 ÷ 15 VDC / 2 x 35 A
Pulse Operating voltage	6.5 ÷ 17 VDC
Idling current	0.8 A
Idling current when off	0.02 mA
Consumption @ 14.4 VDC, MIN load impedance (Max Musical Power)	40 A
Remote IN	6.5 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers	1.5 ÷ 7 VDC

AMPLIFIER STAGE

Distortion - THD @ 100 Hz, 4Ω, 70% Rated Power	0.1%
Damping factor @ 100 Hz, 4Ω, 2 VRMS	> 300
Bandwidth @ -3 dB	10 Hz ÷ 500 Hz
S/N ratio (A weighted @ 1 V Input)	100 dBA
Pre-In sensitivity	0.2 ÷ 5 VRMS
Speaker-In sensitivity	0.8 ÷ 20 VRMS
Minimum load impedance	1Ω
Output power (RMS) @14.4 VDC, 1% THD:	
1Ch	500 W x 1 (4Ω)
1Ch	800 W x 1 (2Ω)
1Ch	1000 W x 1 (1Ω)

CEA SPECIFICATION

Output power @ 4Ω 1% THD+N, 14.4 V	500 W x 1 Ch
SN ratio (ref. 1 W output)	75 dBA

INPUTS / OUTPUTS / FILTERS

Inputs	Pre-In / Speaker-In
PRE OUT Hi-Pass filtered	50 ÷ 250Hz @ 12 dB/Oct.
Filters	Full
	LP 50 ÷ 250Hz @ 24 dB/Oct.
Phase (adjustable)	(0 ÷ 180) deg
Bass Boost 50Hz (adjustable)	(0 ÷ 12) dB
SUBSONIC (on/off)	25 Hz @ 24 dB/Oct.
SUB Remote Volume Control	(-20 ÷ 6) dB

SIZE

Max size (mm/inch)	264 x 155 x 47,5 **/** 10.39 x 6.10 x 1.87
Weight (kg/lbs)	2,23 **/** 4.91

SR 4.300

POWER SUPPLY

Nominal power supply voltage / fuse	11 ÷ 15 VDC / 1 x 30 A
Pulse Operating voltage	6.5 ÷ 17 VDC
Idling current	1.6A
Idling current when off	0.03 mA
Consumption @ 14.4 VDC, MIN load impedance (Max Musical Power)	25A
Remote IN	6.5 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers	1.5 ÷ 7 VDC

AMPLIFIER STAGE

Distortion - THD @ 1 kHz, 4Ω, 70% Rated Power	0.03 %
Damping factor @ 1 kHz, 4Ω, 2 VRMS	150
Bandwidth @ -3 dB	10 Hz ÷ 35 kHz
S/N ratio (A weighted @ 1 V Input)	100 dBA
Pre-In sensitivity	0.2 ÷ 5 VRMS
Speaker-In sensitivity	0.8 ÷ 20 VRMS
Minimum load impedance	@ 4Ch: 2Ω
	@ 3Ch: 2Ω + 2Ω + 4Ω
	@ 2Ch: 4Ω
Output power (RMS) @14.4 VDC, 1% THD:	
4Ch	85 W x 4 (4Ω)
4Ch	130 W x 4 (2Ω)
3Ch	80 W x 2 (4Ω) + 250 W x 1 (4Ω)
3Ch	130W x 2 (2Ω) + 260 W x 1 (4Ω)
2Ch	250 W x 2 (4Ω)

CEA SPECIFICATION

Output power @ 4Ω 1% THD+N, 14.4 V	75 W x 4 Ch
SN ratio (ref. 1 W output)	82 dBA

INPUTS / OUTPUTS / FILTERS

Inputs	Pre-In / Speaker-In
Outputs	PRE OUT full range (Input A)
A Ch Filters:	Full
	Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
	Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
B Ch Filters:	Full
	Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
	Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
A Ch MONO IN (on/off)	Yes
B Ch MONO IN (on/off)	Yes
Bass Boost 50Hz (adjustable)	B Ch (0 ÷12) dB.

SIZE

Max size (mm/inch)	190 x 155 x 47,5 **/** 7.48 x 6.10 x 1.87
Weight (kg/lbs)	1,56 **/** 3.44

SR 4.500

POWER SUPPLY

Nominal power supply voltage / fuse	11 ÷ 15 VDC / 2 x 25A
Pulse Operating voltage	6.5 ÷ 17 VDC
Idling current	1.7 A
Idling current when off	0.09 mA
Consumption @ 14.4 VDC, MIN load impedance (Max Musical Power)	40 A
Remote IN	6.5 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers	1.5 ÷ 7 VDC

AMPLIFIER STAGE

Distortion - THD @ 1 kHz, 4Ω, 70% Rated Power	0.08 %
Damping factor @ 1 kHz, 4Ω, 2 VRMS	200
Bandwidth @ -3 dB	10 Hz ÷ 35 kHz
S/N ratio (A weighted @ 1 V Input)	105 dBA
Pre-In sensitivity	0.2 ÷ 5 VRMS
Speaker-In sensitivity	0.8 ÷ 20 VRMS
Minimum load impedance	@ 4Ch: 2Ω @ 3Ch: 2Ω + 2Ω + 4Ω @ 2Ch: 4Ω
Output power (RMS) @14.4 VDC, 1% THD:	
4Ch	130 W x 4 (4Ω)
4Ch	220 W x 4 (2Ω)
3Ch	120 W x 2 (4Ω) + 480 W x 1 (4Ω)
3Ch	220 W x 2 (2Ω) + 440 W x 1 (4Ω)
2Ch	450 W x 2 (4Ω)

CEA SPECIFICATION

Output power @ 4Ω 1% THD+N, 14.4 V	125 W x 4 Ch
SN ratio (ref. 1 W output)	83 dBA

INPUTS / OUTPUTS / FILTERS

Inputs	Pre-In / Speaker-In
Outputs	PRE OUT full range (Input A)
A Ch Filters:	Full Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
B Ch Filters:	Full Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
A Ch MONO IN (on/off)	Yes
B Ch MONO IN (on/off)	Yes
Bass Boost 50Hz (adjustable)	B Ch (0 ÷12) dB.
SUB Remote Volume Control (B Ch)	(-20 ÷ 6) dB

SIZE

Max size (mm/inch)	264 x 155 x 47,5 **/** (10.39 x 6.10 x 1.87)
Weight (kg/lbs)	2,12 **/** 4.67

SR 5.600

POWER SUPPLY

Nominal power supply voltage / fuse	11 ÷ 15 VDC / 2 x 25A
Pulse Operating voltage	6.5 ÷ 17 VDC
Idling current	2.2 A
Idling current when off	0.04 mA
Consumption @ 14.4 VDC, MIN load impedance (Max Musical Power)	44 A
Remote IN	6.5 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers	1.5 ÷ 7 VDC

AMPLIFIER STAGE

Distortion - THD @ 100 Hz , 4Ω, 70% Rated Power	0.02 %
Damping factor @ 1 kHz, 4Ω, 2 VRMS FRONT / REAR	100
Damping factor @ 100 Hz, 4Ω, 2 VRMS SUB	300
Bandwidth @ -3 dB FRONT / REAR; SUB	10Hz ÷ 35kHz 10Hz ÷ 500Hz
S/N ratio (A weighted @ 1 V Input)	105 dBA
Pre-In sensitivity	0.2 ÷ 5 VRMS
Speaker-In sensitivity	0.8 ÷ 20 VRMS
Minimum load impedance	5 Ch: 2Ω 3Ch: 4Ω + 4Ω + 2Ω
Output power (RMS) @14.4 VDC, 1% THD:	
5Ch	75 W x 4 + 330 W x 1 (4Ω)
5Ch	115 W x 4 + 550 W x 1 (2Ω)
3Ch	230 W x 2 (4Ω) + 310 W x 1 (4Ω)
3Ch	230 W x 2 (4Ω) + 550 W x 1 (2Ω)

CEA SPECIFICATION

Output power @ 4Ω 1% THD+N, 14.4 V	75 W x 4 Ch + 300 W x 1 Ch
SN ratio (ref. 1 W output)	Front / Rear: 84 dBA SUB: 75 dBA

INPUTS / OUTPUTS / FILTERS

Inputs	Pre-In / Speaker-In
Front Ch Filters:	Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
Rear Ch Filters:	Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. Band-pass: 50 ÷ 500 Hz (Hi) @ 12 dB/Oct. 50 ÷ 5 kHz (Lo) @ 12 dB/Oct.
SUB Ch Filters:	Lo-pass: 50 ÷ 500 Hz @ 24 dB/Oct.
Bass Boost 50Hz (adjustable)	(0 ÷12) dB
SUBSONIC (on/off)	25 Hz @ 24 dB/Oct.
SUB Remote Volume Control	(-20 ÷ 6) dB

SIZE

Max size (mm/inch)	294 x 155 x 47,5 **/** 11.57 x 6.10 x 1.87
Weight (kg/lbs)	2,42 **/** 5.33

SR 6.600

POWER SUPPLY

Nominal power supply voltage / fuse	11 ÷ 15 VDC / 2 x 30A
Pulse Operating voltage	6.5 ÷ 17 VDC
Idling current	2.2 A
Idling current when off	0.04 mA
Consumption @ 14.4 VDC, MIN load impedance (Max Musical Power)	54 A
Remote IN	6.5 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers	1.5 ÷ 7 VDC

AMPLIFIER STAGE

Distortion - THD @ 1 kHz, 4Ω, 70% Rated Power A Ch / B Ch / C Ch	0.05 %
Damping factor @ 1 kHz, 4Ω, 2 VRMS A Ch/B Ch /C Ch	100 400
Bandwidth @ -3 dB A Ch / B Ch / C Ch	10Hz ÷ 42 kHz
S/N ratio (A weighted @ 1 V Input)	102 dBA
Pre-In sensitivity	0.32 ÷ 8 VRMS
Speaker-In sensitivity	1.6 ÷ 40 VRMS
Minimum load impedance	Ch 1-4: 2Ω Ch 5-6: 1Ω 1+2/3+4 Bridged: 4Ω 5+6 Bridged: 2Ω

Output power (RMS) @14.4 VDC, 1% THD:	
6Ch	85 W x 4 + 110 W x 2 (4Ω)
6Ch	140 W x 4 + 185 W x 2 (2Ω)
6Ch	75 W x 4 (4Ω) + 340 W x 2 (1Ω)
6Ch	130 W x 4 (2Ω) + 300 W x 2 (1Ω)
5Ch	85 W x 4 + 370 W x 1 (4Ω)
5Ch	130 W x 4 + 600 W x 1 (2Ω)
3Ch	280 W x 2 (4Ω) + 370 W x 1 (4Ω)
3Ch	260 W x 2 (4Ω) + 600 W x 1 (2Ω)

CEA SPECIFICATION

Output power @ 4Ω 1% THD+N, 14.4 V	75 W x 4 Ch + 85 W x 2 Ch
SN ratio (ref. 1 W output)	A Ch, B Ch: 84 dBA C Ch: 84 dBA

INPUTS / OUTPUTS / FILTERS

Inputs	Pre-In / Speaker-In
A Ch Filters:	Full
	Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
B Ch Filters:	Full
	Hi-pass: 50 ÷ 700 Hz @ 12 dB/Oct.
	Band-pass: 50 ÷ 700 Hz (Hi) @ 12 dB/Oct. 50 ÷ 5 kHz (Lo) @ 12 dB/Oct.
C Ch Filters:	Full
	Hi-pass: 50 ÷ 700 Hz @ 12 dB/Oct.
	Lo-pass: 50 ÷ 700 Hz @ 12 dB/Oct
A Ch MONO (on/off)	YES
B Ch MONO (on/off)	YES
C Ch MONO (on/off)	YES.
SUB Remote Volume Control	(-20 ÷ 6) dB

SIZE

Max size (mm/inch)	314 x 155 x 47.5 **/** 12.36 x 6.10 x 1.87
Weight (kg/lbs)	2,52 **/** 5.55

Technology – Art+Sound
Manufactured by elettromedia

All specifications subject to change without notice

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