
SOUNDSTREAM®

T E C H N O L O G I E S

Owner's Manual and Installation Guide

The logo features a stylized 'X' composed of two parallel diagonal lines. To the right of the 'X' is the word 'STREAM' in a bold, sans-serif font. The 'X' and 'S' are larger than the remaining letters in 'STREAM'.

XSTREAM

XTA180.2 / XTA240.2
XTA360.2 / XTA480.2
XTA600.2 / XTA880.2
XTA360.4 / XTA480.4 / XTA720.4 / XTA600.5

CONGRATULATIONS!

You now own a **Limited Edition XTA Amplifier**, the product of an uncompromising design and engineering philosophy.

To maximize the performance of your system, we recommend that you thoroughly acquaint yourself with its capabilities and features. Please retain this manual and your sales receipt for future reference.

Soundstream amplifiers are the result of American innovation and the highest quality control standards. When properly installed, they will provide you with many years of listening pleasure. Should your amplifier ever need service or replacement due to theft, please record the following information which will help protect your investment.

Serial # _____

Dealer's Name _____

Date of Purchase _____

Installation Shop _____

Installation Date _____

CAUTION!

Prolonged listening at extremely high levels may result in hearing loss. Even though your new Soundstream **Limited Edition XTA Amplifier** sounds better than anything you've ever heard, exercise caution to prevent hearing damage.

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FEATURES

- * **Bass EQ Control** - Fully adjustable subwoofer equalization circuit providing frequency and boost("Q") adjustment for optimum subwoofer performance. A frequency tracking subsonic filter protects woofers from potentially harmful low frequency information and maximizes output in a usable range.
- * **Drive Delay II™** - Amplifier section powers up 2 to 3 seconds after the power supply eliminating turn-on and off pops. The turn off process is reversed: Amplifier section turns off first, followed by the power supply.
- * **Flexible Input Level Control** - allows 500 mV to 4 V input sensitivity.
- * **THERMAL / SHORT / OVER LOAD PROTECTION**
- * **2 OHM STEREO / 4 OHM MONO**
- * **P.W.M MOSFET POWER SUPPLY**
- * **POWER & PROTECTION INDICATOR**
- * **SELECTABLE X-OVER HPF / FULL / LPF**
- * **18 dB. BASS BOOST WITH SWITCH SUB (45Hz)**
- * **VARIABLE HI-PASS AND LOW PASS (30Hz~500Hz)**
- * **GOLD PLATED TERMINAL STRIPS / RCA JACKS**
- * **HEAVY DUTY HEAT SINK**
- * **ADJUSTABLE INPUT SENSITIVITY**
- * **SOFT DELAY REMOTE TURN-ON**
- * **LOW LEVEL INPUTS**
- * **PHANTOM CHANNEL FOR POWERING CENTER SPEAKER OR SUBWOOFER**

SPECIFICATIONS

Signal / noise Ratio	>96dB
Frequency Response $\pm 1.0\text{db}$	10Hz - 30kHz
HPF	50Hz - 500Hz
LPF	30Hz - 500Hz
Adjustable Sensitivity Range	0.5 - 4V
Input Impedance(Low Level)	10K Ohms

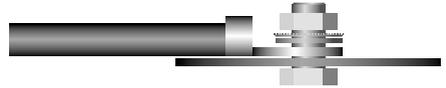
POWER RATINGS & FUSE

MODEL	4 ohm STEREO	2 ohm STEREO	4 ohm BRIDGED	FUSE
XTA180.2	2 x 45W	2 x 90W	180W	15A
XTA240.2	2 x 60W	2 x 120W	240W	25A
XTA360.2	2 x 90W	2 x 180W	360W	40A
XTA480.2	2 x 120W	2 x 240W	480W	25A x 2
XTA600.2	2 x 150W	2 x 300W	600W	25A x 3
XTA880.2	2 x 220W	2 x 440W	880W	30A x 3
XTA360.4	4 x 45W	4 x 90W	180W x 2	40A
XTA480.4	4 x 60W	4 x 120W	240W x 2	25A x 2
XTA720.4	4 x 90W	4 x 180W	360W x 2	30A x 2
XTA600.5	4 x 45W, 1 x 120W	4 x 90W, 1 x 240W	2 x 180W, 1 x 240W	30A x 2

DIMENSIONS

MODEL	Length	Width	Height
XTA180.2	7 inch	10 inch	2.4 inch
XTA240.2	8.2 inch	10 inch	2.4 inch
XTA360.2	11 inch	10 inch	2.4 inch
XTA480.2	13.7 inch	10 inch	2.4 inch
XTA600.2	20 inch	10 inch	2.4 inch
XTA880.2	21.6 inch	10 inch	2.4 inch
XTA360.4	11 inch	10 inch	2.4 inch
XTA480.4	13.7 inch	10 inch	2.4 inch
XTA720.4	20 inch	10 inch	2.4 inch
XTA600.5	20 inch	10 inch	2.4 inch

TOOLS / PARTS FOR INSTALLATION

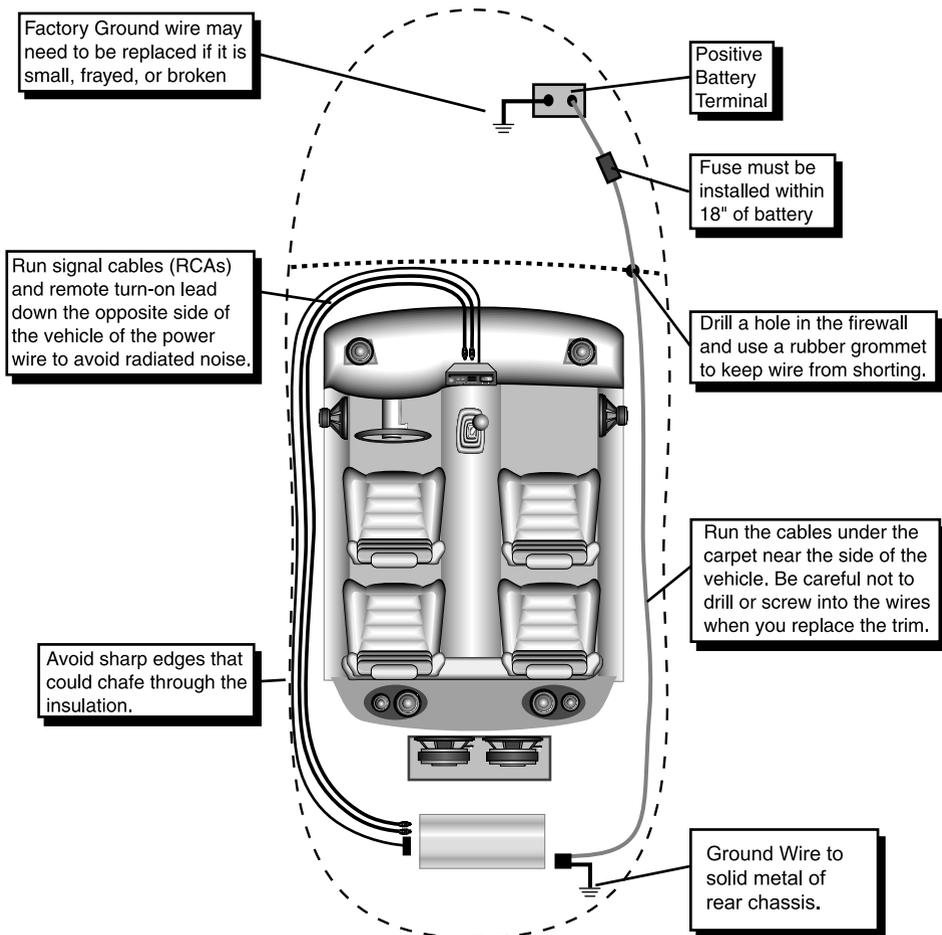


NOTE: TOOLS ARE NOT SUPPLIED

Small flat blade screwdriver Phillips screwdriver (#2 or medium sized),
Wire cutters Wire strippers, - #6 round head screws, and 1 - #8 sheet
metal screw (or nut, bolt, flat washer, star washer) [see detail] 2 - Ring
connectors (large enough to accommodate your method of
grounding) In-line fuse or circuit breaker - see fuse chart below Power
and ground wire - see Power Wire Calculator on page 7 Speaker wire -
12-16 gauge Grommets (sized to work with the power wire you plan to
use in your installation) Tube of silicone sealant

WIRING

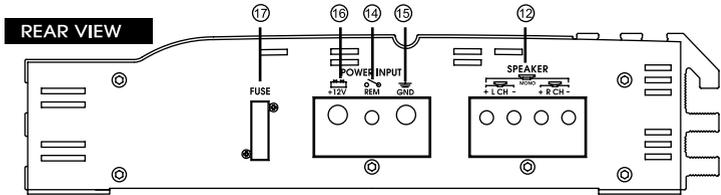
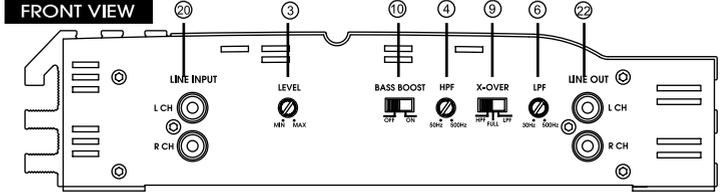
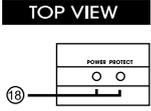
Before beginning, disconnect the negative (-) terminal of the battery prior to working on the positive (+) terminal to prevent a short to ground. This is important, unless you want to spend the rest of your life with a nickname like "Sparky," or "Smokey." Reconnect the negative terminal only after all connections have been made.



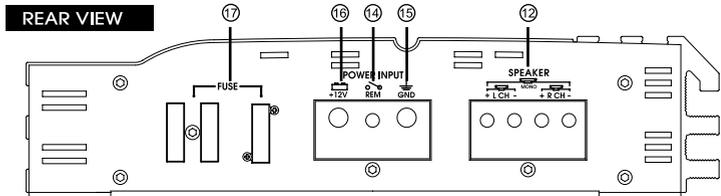
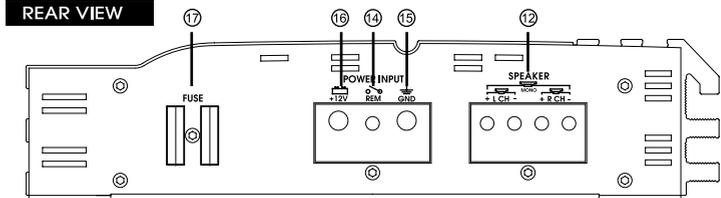
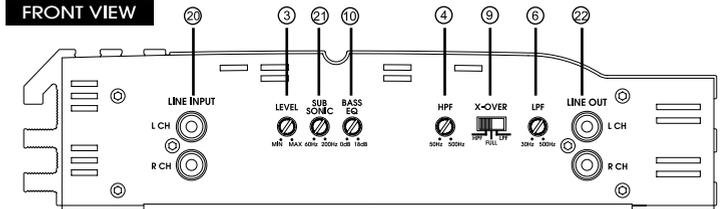
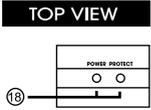
Warning! A Main Fuse must be installed within 18" of battery!

PANEL LAYOUT

XTA180.2 / XTA240.2 / XTA360.2



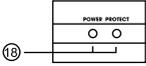
XTA480.2 / XTA600.2 / XTA880.2



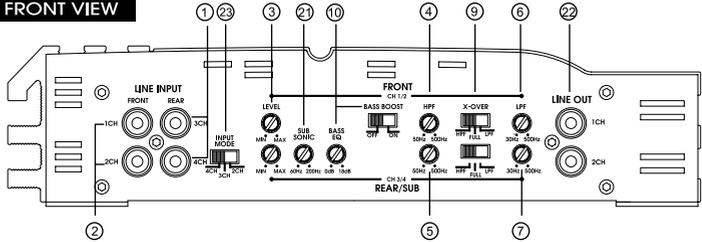
PANEL LAYOUT

XTA360.4 / XTA480.4 / XTA720.4

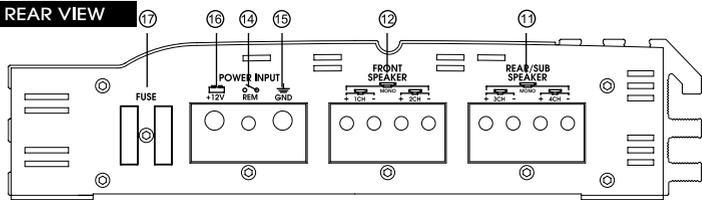
TOP VIEW



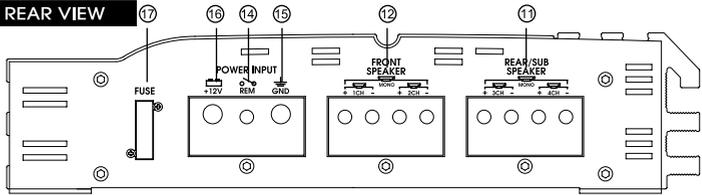
FRONT VIEW



REAR VIEW

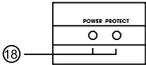


REAR VIEW

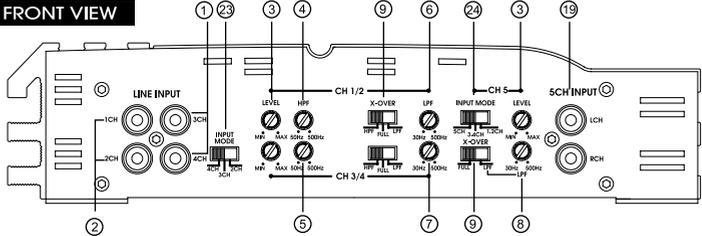


XTA600.5

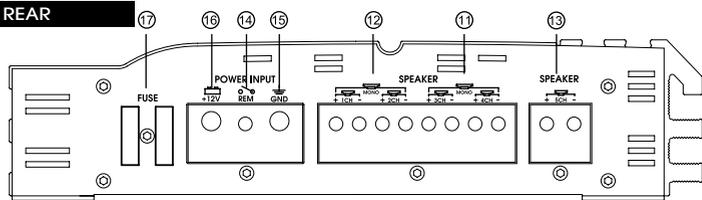
TOP VIEW



FRONT VIEW



REAR

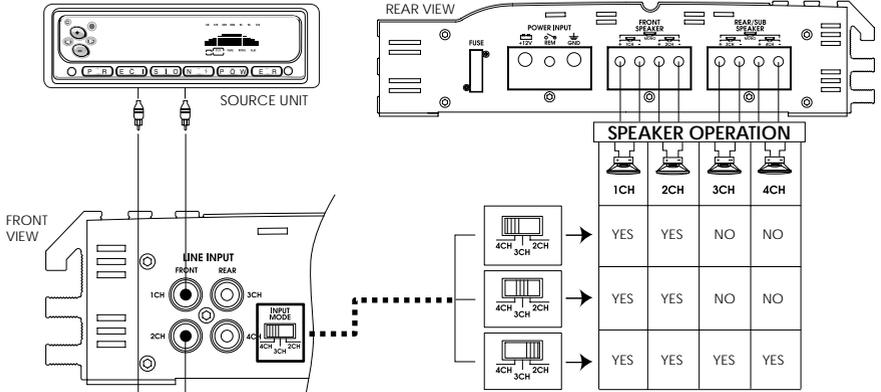


KEY TO CALLOUTS

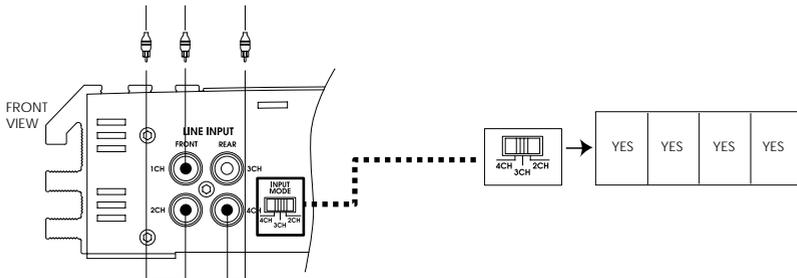
1. **RCA Inputs** - 3 Channel and 4 Channel RCA inputs.
2. **RCA Inputs** - 1 Channel and 2 Channel RCA inputs.
3. **Input Levels** - Input level control variable from 500mV to 4V.
4. **High Pass Filter Control Adjustment**- Frequency adjustment control for the High Pass Filter for satellite CH1&2(L & R).
5. **High Pass Filter Control Adjustment**- Frequency adjustment control for the High Pass Filter for satellite CH3&4.
6. **Low Pass Filter Control Adjustment**- Frequency adjustment control for the Low Pass Filter for CH1&2(L & R).
7. **Low Pass Filter Control Adjustment**- Frequency adjustment control for the Low Pass Filter for CH3&4.
8. **Low Pass Filter Control Adjustment**- Frequency adjustment control for the Low Pass Filter for CH5.
9. **Selectable X-Over HPF/FULL/LPF**
10. **Bass EQ Control "Boost" Adjustment** - Varies from 0 to + 18 dB of boost when the Bass Control circuit is engaged.
11. **Speaker connection Terminal** - Speaker connections for satellite CH3&4.
12. **Speaker connection Terminal** - Speaker connections for satellite CH1&2(L & R).
13. **Speaker connection Terminal** - Speaker connections for satellite CH5
14. **REMOTE** - Remote turn - on input from the head unit. Accepts +12V.
15. **GND** - Main ground connection. Bolt to a clean chassis point in the vehicle.
16. **+12V** - Connected to a fuse or circuit breaker, then to the battery's positive terminal.
17. **FUSES** - Satellite channels power supply fuses. Warning: Replace only with the same value fuses!
18. **Power LED** - Indicates amplifier power.(Power:Green / Protection:Red)
19. **RCA Inputs** - 5 Channel RCA inputs.
20. **RCA Inputs** - R Channel and L Channel RCA inputs.
21. **Subsonic/Bass Control Adjustment** - Frequency adjustment control for the Bass Control filter or the Sub Sonic filter.
22. **AUXILIARY OUTPUT** - The Aux outputs offer amplifiers easy, unlimited system expansion. Routing signal from a source unit, pre-amplifier or equalizer is a matter of routing RCA' s into the RCA inputs and out through the AUX outputs to the next amplifier.

23. INPUT MODE - XTA360.4/XTA480.4/XTA720.4

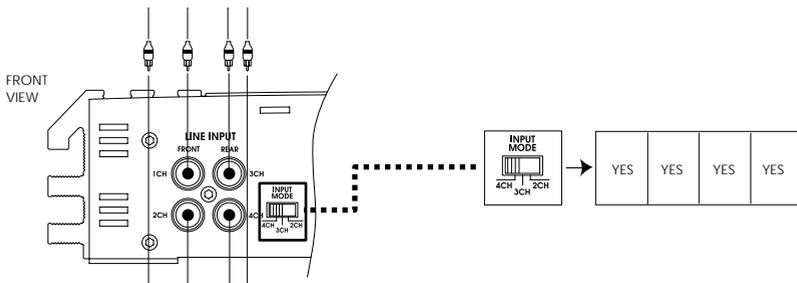
2 CHANNEL LINE INPUT MODE



3 CHANNEL LINE INPUT MODE

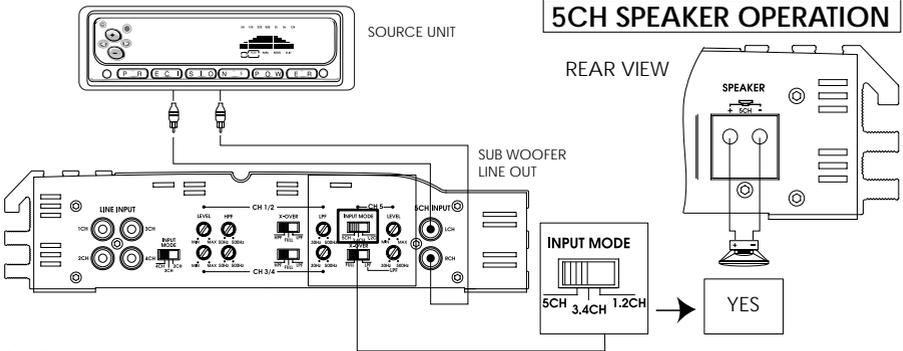


4 CHANNEL LINE INPUT MODE

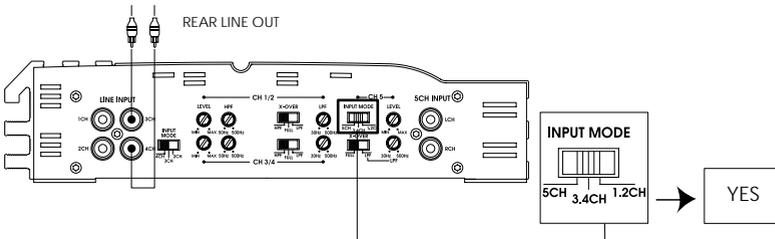


24. INPUT MODE - XTA600.5

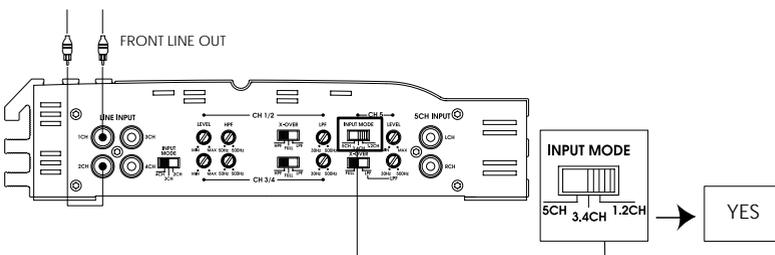
5 CHANNEL LINE INPUT MODE



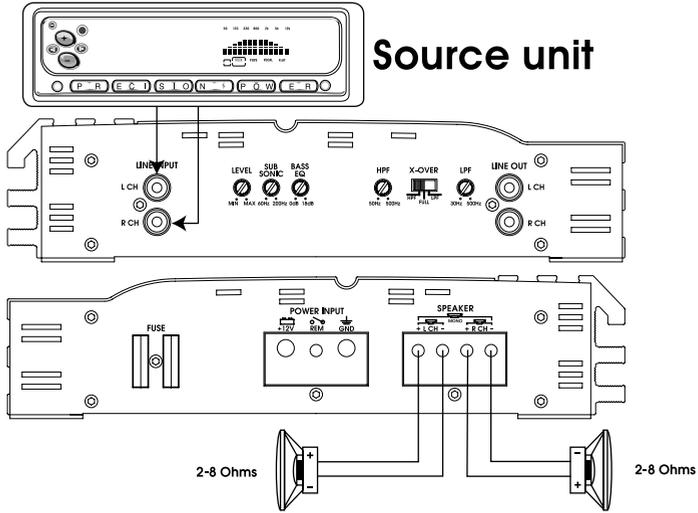
3,4 CHANNEL LINE INPUT MODE



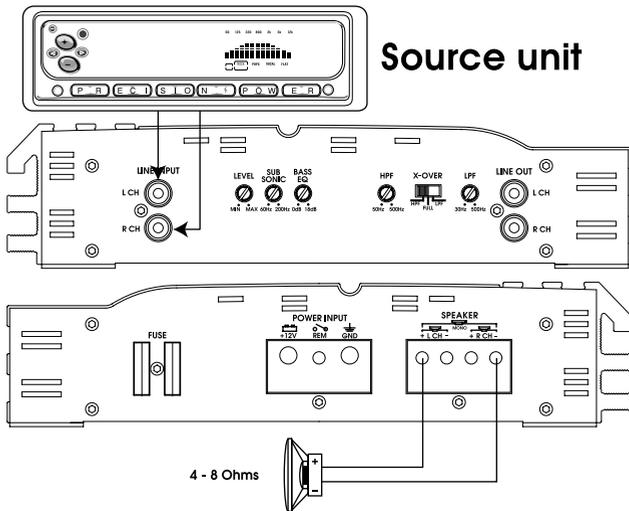
1,2 CHANNEL LINE INPUT MODE



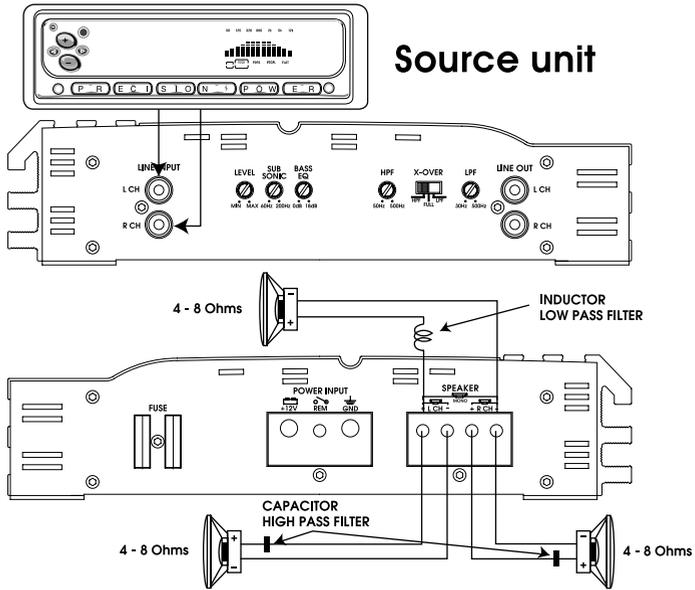
2 CHANNEL SYSTEM DESIGN #1 XTA180.2/240.2/360.2/480.2/600.2/880.2



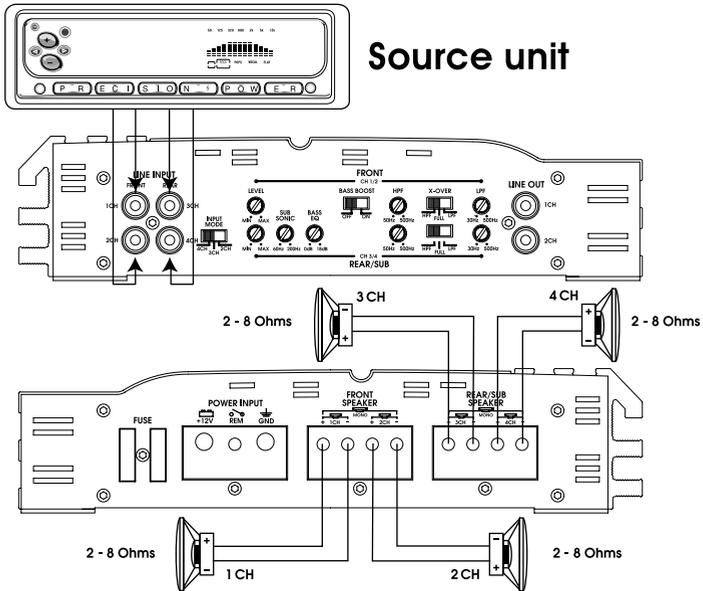
2 CHANNEL SYSTEM DESIGN #2 XTA180.2/240.2/360.2/480.2/600.2/880.2



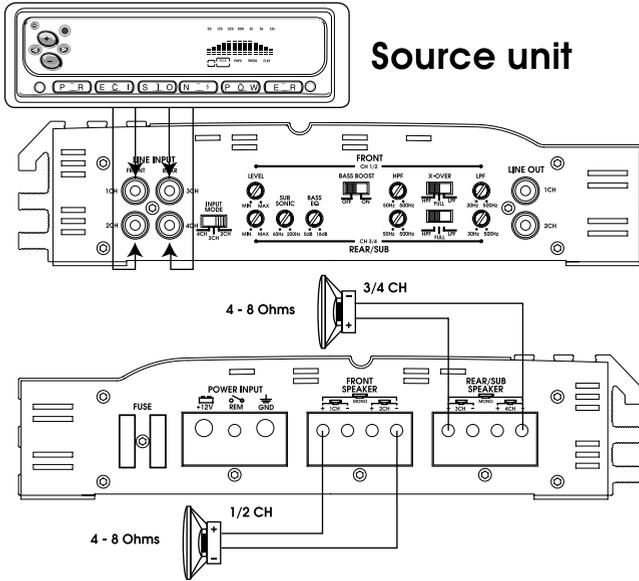
2CHANNEL SYSTEM DESIGN #3 XTA180.2/240.2/360.2/480.2/600.2/880.2



4CHANNEL SYSTEM DESIGN #1 XTA360.4/480.4/720.4

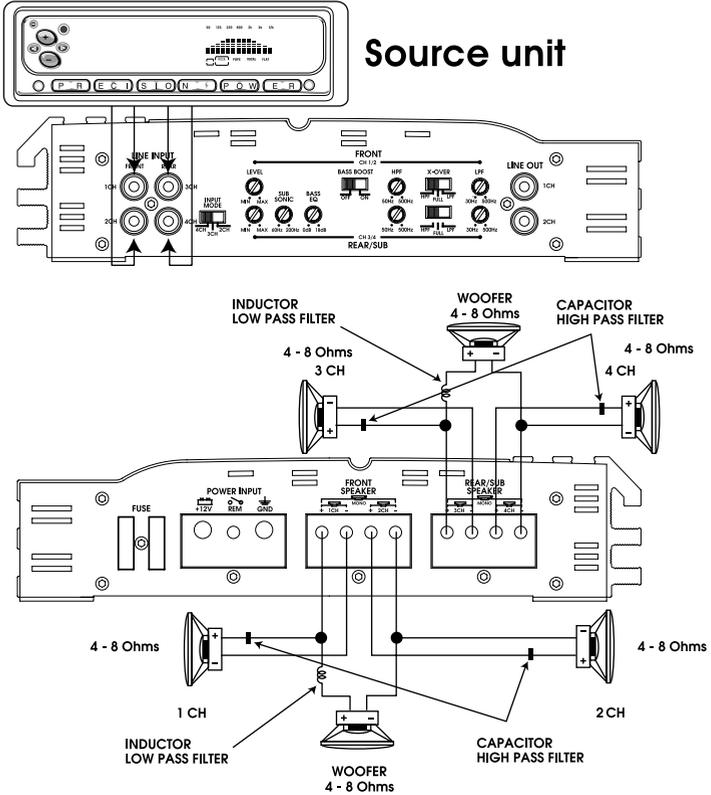


4CHANNELSYSTEM DESIGN #2 XTA360.4/480.4/720.4

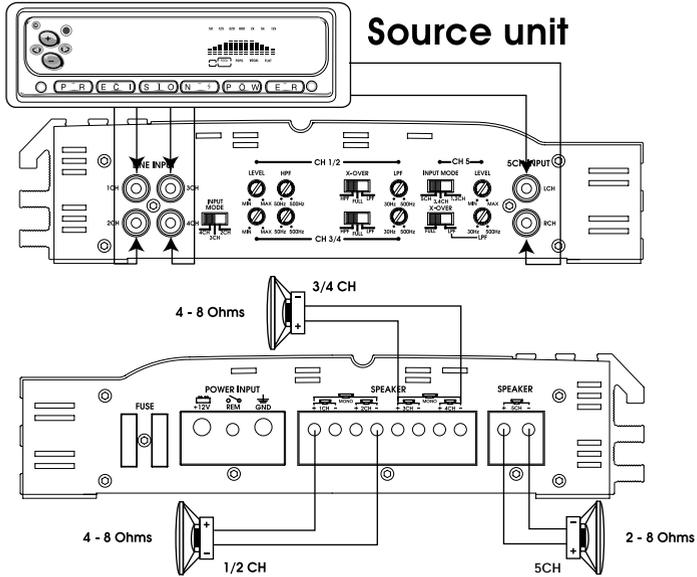


Source unit

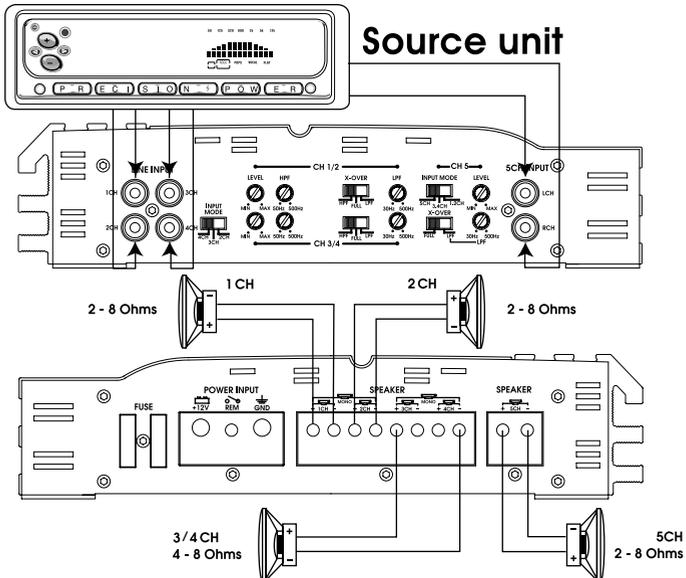
4CHANNELSYSTEM DESIGN #3 XTA360.4/480.4/720.4



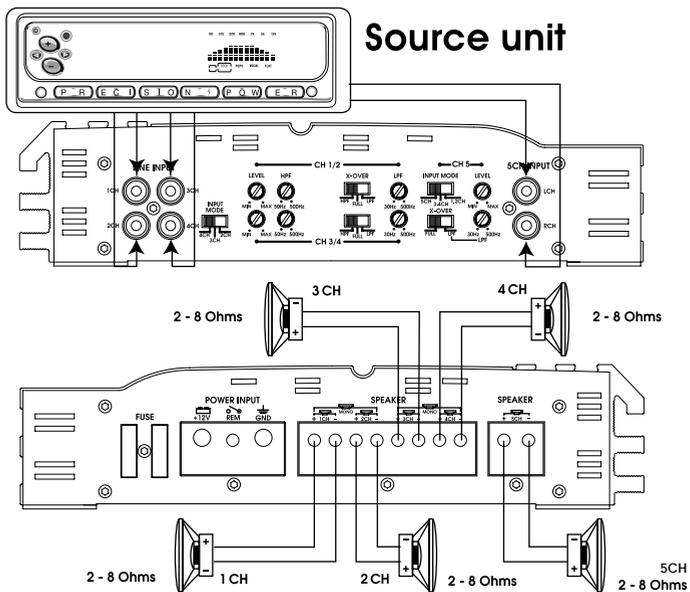
5CHANNELSYSTEM DESIGN #1 XTA600.5



5CHANNELSYSTEM DESIGN #2 XTA600.5



5CHANNEL SYSTEM DESIGN #3 XTA600.5



TROUBLE SHOOTING

NO SOUND

Is the LED lit?

YES

NO

Check Power and Remote turn-on wire for voltage. Make sure Ground wire is secure.

STILL NO SOUND

See your Authorized Sound Stream Dealer.

SOUND IN ONE CHANNEL ONLY

Reverse left and right speakers by unplugging the speaker connector, turning it over and plugging it back in.

SOUND IS NOW IN

OPPOSITE CHANNEL

Reverse RCA inputs

SAME CHANNEL

Problem is in the speaker or speaker wire of the silent channel

SOUND IS NOW IN

OPPOSITE CHANNEL

Reverse RCAs at head unit

SAME CHANNEL

Problem is in the Amplifier. See your local Authorized

SOUND IS NOW IN

OPPOSITE CHANNEL

Problem is in the head unit or before the amplifier

SAME CHANNEL

Problem is in the RCA cables

PROTECTION CIRCUIT

Short Circuit Protection engaged: The amplifier will turn off and try to come back on immediately. The amplifier will cycle like this indefinitely, with "blips" of sound each time. If this is the case, check your speakers and wiring for low impedance and short circuits.

Thermal Protection engaged: The amplifier will turn off and several minutes later will come back on. In this case, ensure that there is nothing blocking the normal convective airflow of the amplifier. No obstruction should be within 2" of the amplifier on all sides.

NOTE: Low battery voltage will cause the amplifier to run warmer and possibly damage the amplifier.



SOUNDSTREAM[®]

T E C H N O L O G I E S

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