

PYLE

WAVE

7-BAND equalizer·amplifier
*with subwoofer crossover
and bass boost*

PLE702B

7-BAND equalizer
*with subwoofer crossover
and bass boost*

PLE755S

PYLE

WAVE

congratulations...

for choosing Pyle Audio, and congratulations on joining a select group of dedicated enthusiasts committed to the very best in mobile sound performance and dependability.

You are now the proud owner of one of the world's most sophisticated electronics components. This Pyle product is the result of an extensive engineering program with the sole purpose of creating the finest mobile audio experience imaginable. We're confident that this product will provide you with many years of outstanding musical entertainment.



PLE702B

PYLE *table of contents* **wave**

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PLE755s

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wave *general features*

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**7-Band Equalizer/Amplifier
with Subwoofer Crossover and Bass Boost**

- 7-Band Graphic Equalizer
- Built-In 4 Channel Amplifier
- Pre-Amp Input via RCA Jacks
- Output Level Control
- LED Power Level Meter
- 12 dB Boost/Cut per Frequency Band
- Rotary Front-Rear Fader Control
- Independent Subwoofer Crossover
- 0 - +18dB Bass Boost Control
- Subwoofer RCA Outputs
- Remote Power On/Off
- High Impedance RCA Inputs
- Half-DIN Size Cabinet



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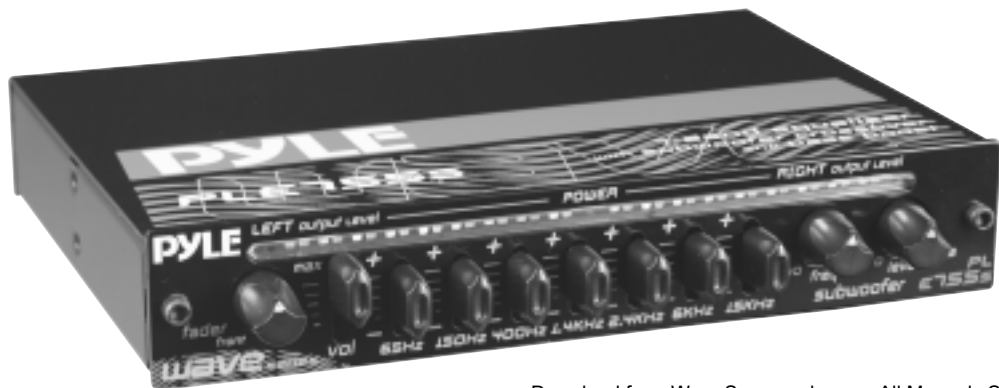
wave

general features

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7-Band Equalizer
with **Subwoofer Crossover** and **Bass Boost**

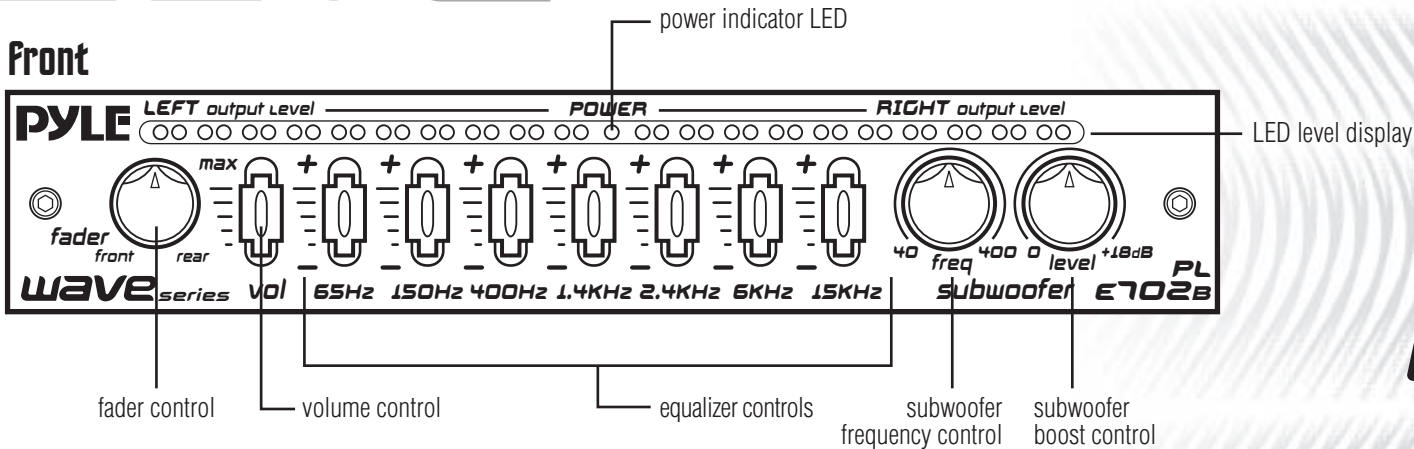
- 7-Band Graphic Equalizer
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- 12 dB Boost/Cut per Frequency Band
- Rotary Front-Rear Fader Control
- Independent Subwoofer Crossover
- 0 - +18dB Bass Boost Control
- Front, Rear and Subwoofer RCA Outputs
- Remote Power On/Off
- High Impedance RCA Inputs
- Half-DIN Size Cabinet



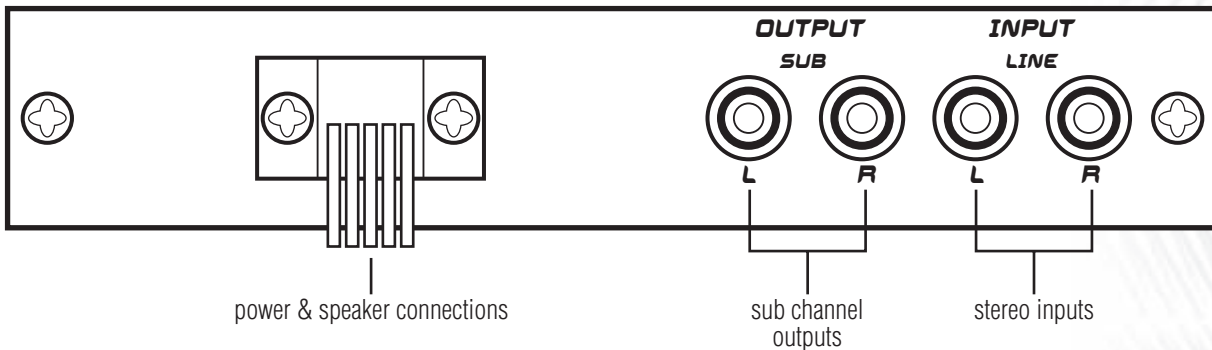
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features and controls

Front



rear



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wave

features and specifications

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7-Band Equalizer/Amplifier
with Subwoofer Crossover and Bass Boost

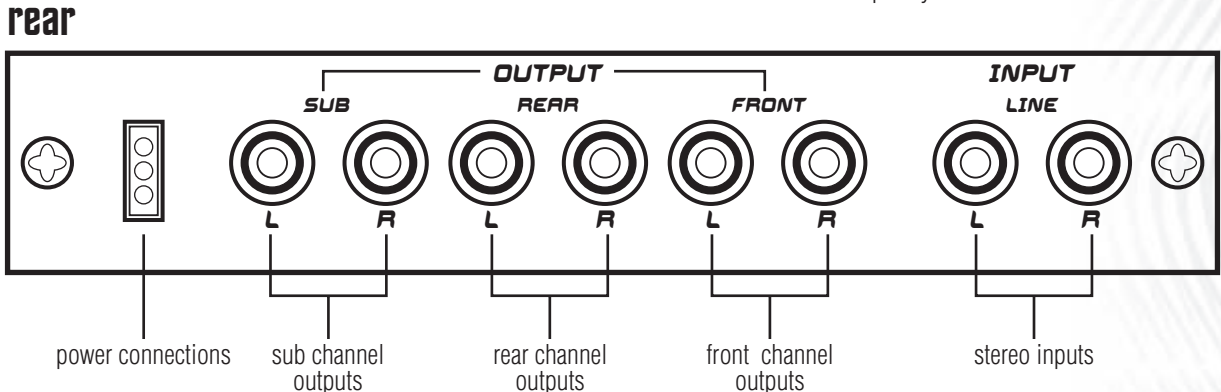
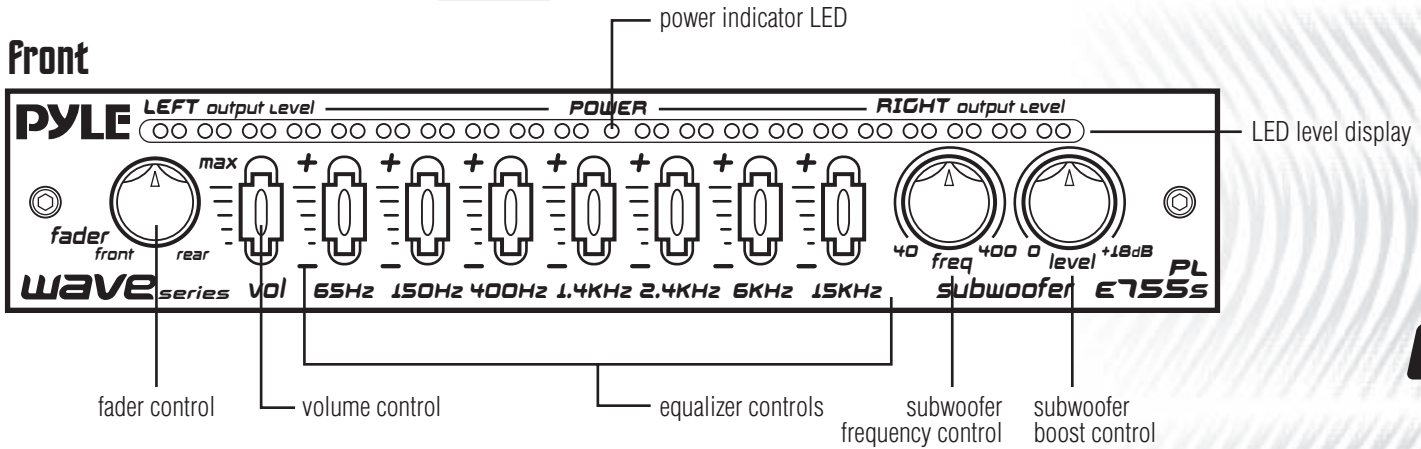
LED level display	these rows of LEDs display the Amplifier Output Levels. Left and right channels are displayed independently at peak levels.
power indicator LED	this LED is illuminated when the unit is properly powered, grounded and the remote power has been turned on.
fader control	<ul style="list-style-type: none">in a 4 Speaker system, rotating the knob to the FRONT side increases the level of the front speakers; rotating to the REAR side increase level of the rear speakers. At mid position, both sets of speakers are at maximum level.in a 2 Speaker system, the fader control should be rotated to the position which provides highest levels for both sets of speakers.
volume control	allows adjustment of sound level for particular program material or source.
equalizer controls	this seven-band equalizer gives you control over the output levels at various frequencies.
subwoofer frequency control	lets you adjust the subwoofer frequency and crossover point from 40-400 Hz.
subwoofer boost control	lets you adjust the subwoofer boost level from a 0 to +18 dB increase.
power connections	connect to power source as follows: +12V: Connect a red wire of at least 12 gauge to the car battery or other power source. GROUND: Connect a black wire of at least 12 gauge to car chassis for ground connection REMOTE: Connect an orange wire to remote activating (12V DC) wire of car stereo or other head unit.
subwoofer channel outputs	RCA cables are used to connect the sub outputs to the subwoofer amplifier inputs.
line channel inputs	RCA cables are used to connect the front input signal from head unit or other source.
speaker connections	the connections are used to power a front and rear speaker systems

center frequencies	65 Hz · 150 Hz 400 Hz · 1.4 KHz 2.4 KHz · 6 KHz 15 KHz
subwoofer crossover	40 - 400 Hz
bass boost	0 - +18 dB
amplifier power	30 Watts (RMS) x 4
frequency response	20 - 20 KHz (+/- 1 dB)
input level (for 10% THD output)	200 mV
total harmonic distortion (THD) (at 15W output)	< 0.5%
speaker impedance	4-8 Ohms
signal-to-noise ratio (S/N)	90 dB
separation	60 dB
current drain	6A maximum
power supply voltage	10-16V DC Neg. Ground
dimensions (W x H x L)	
mm	160 x 29 x 140
inches	6.3 x 1.1 x 5.5



PYLE wave

features and controls



PLYLE *wave* features and specifications

PLE755s

**7-Band Equalizer
with Subwoofer Crossover and Bass Boost**

LED level display	these rows of LEDs display the Preamp Output Levels. Left and right channels are displayed independently at peak levels.
power indicator LED	this LED is illuminated when the unit is properly powered, grounded and the remote power has been turned on.
fader control	<ul style="list-style-type: none">• in a 2 Amplifier, 4 Speaker system, rotating the knob to the FRONT side increases the level of the front speakers; rotating to the REAR side increase level of the rear speakers. At mid position, both sets of speakers are at maximum level.• in a 2 Speaker system, the fader control should be rotated to the position which provides highest levels for both sets of speakers.
volume control	allows adjustment of sound level for particular program material or source.
equalizer control	this seven-band equalizer gives you control over the output levels at various frequencies.
subwoofer frequency control	lets you adjust the subwoofer frequency and crossover point from 40-400 Hz.
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power connections	connect to power source as follows: +12V: Connect a red wire of at least 12 gauge to the car battery or other power source. GROUND: Connect a black wire of at least 12 gauge to car chassis for ground connection REMOTE: Connect an orange wire to remote activating (12V DC) wire of car stereo or other head unit.
subwoofer channel outputs	RCA cables are used to connect the sub outputs to the subwoofer amplifier inputs.
front channel inputs	RCA cables are used to connect the front input signal from head unit or other source.

center frequencies	65 Hz · 150 Hz 400 Hz · 1.4 KHz 2.4 KHz · 6 KHz 15 KHz
subwoofer crossover	40 - 400 Hz
bass boost	0 - +18 dB
frequency response	20 - 20 KHz (+/- 1 dB)
input level (for 400mV output)	400 mV
total harmonic distortion (THD) (at 400mV output)	< 0.03%
output impedance	10K Ohms
signal-to-noise ratio (S/N)	90 dB
separation	50 dB
current drain	450 mA
power supply voltage	12V DC Neg. Ground
dimensions (W x H x L)	
mm	160 x 29 x 117
inches	6.3 x 1.1 x 4.6



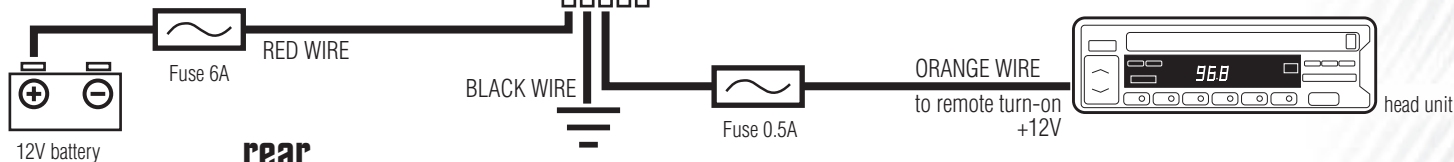
electrical connections

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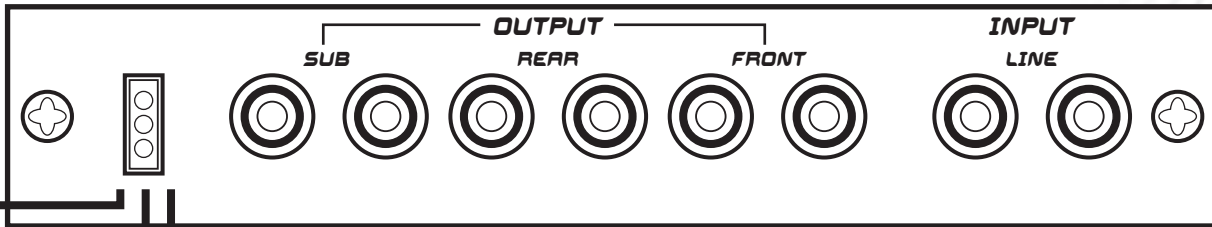
rear



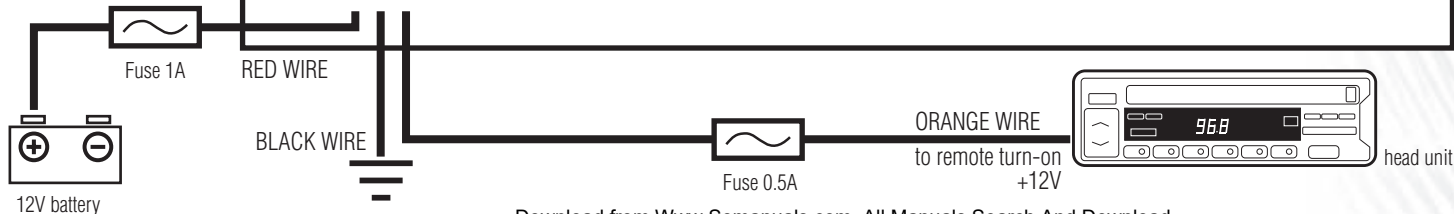
PLE702B



rear



PLE755s



mounting and installation PLE702B • PLE755g

Please take the time to install your new Pyle Signal Processor securely, according to this diagram, using the hardware provided.

This Half-DIN size unit can also be installed in the dash adjacent to the head unit, provided that there is a slot available.

wiring tips

When making electrical connections to your amplifier, please observe the following:

Connect 12V DC from a constant battery source to a +12V slip-on spade terminal and install a one (1) amp fuse in line. (six (6) amp fuse for PLE702b case)

Connect the signal processor's GROUND to a good chassis ground, near where the unit is mounted, or to the case of the head unit.

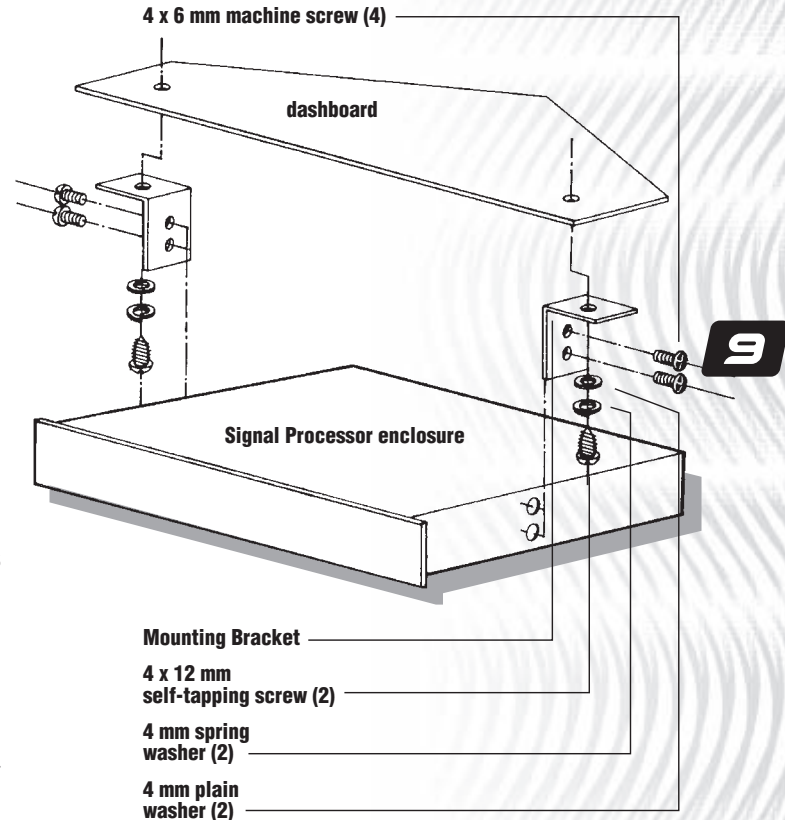
Connect the signal processor's REMOTE TURN-ON lead to the remote turn-on lead out of the head unit, and install a 1/2 amp fuse in line. (A relay should be used if turning on more than one component, such as EQ's, crossovers or amplifiers.)

Connect stereo RCA cables from the head's left and right front outputs to the left and right inputs of the signal processor.

Connect stereo RCA cables from the left and right outputs, (and low, mid and high outputs if applicable), of the signal processor to the left and right inputs of your amplifier(s) or additional signal processor(s).

Turn the unit on, and adjust the input gain on the signal processor to match the output of the head unit (1/2, or at center position, is about 1 V). Be careful not to overdrive the input of your amplifier(s) or signal processor(s).

Adjust each of the crossover or equalizer controls to achieve the desired sound characteristics.

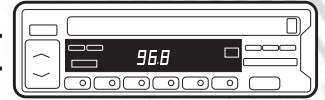


system wiring

PLE702B

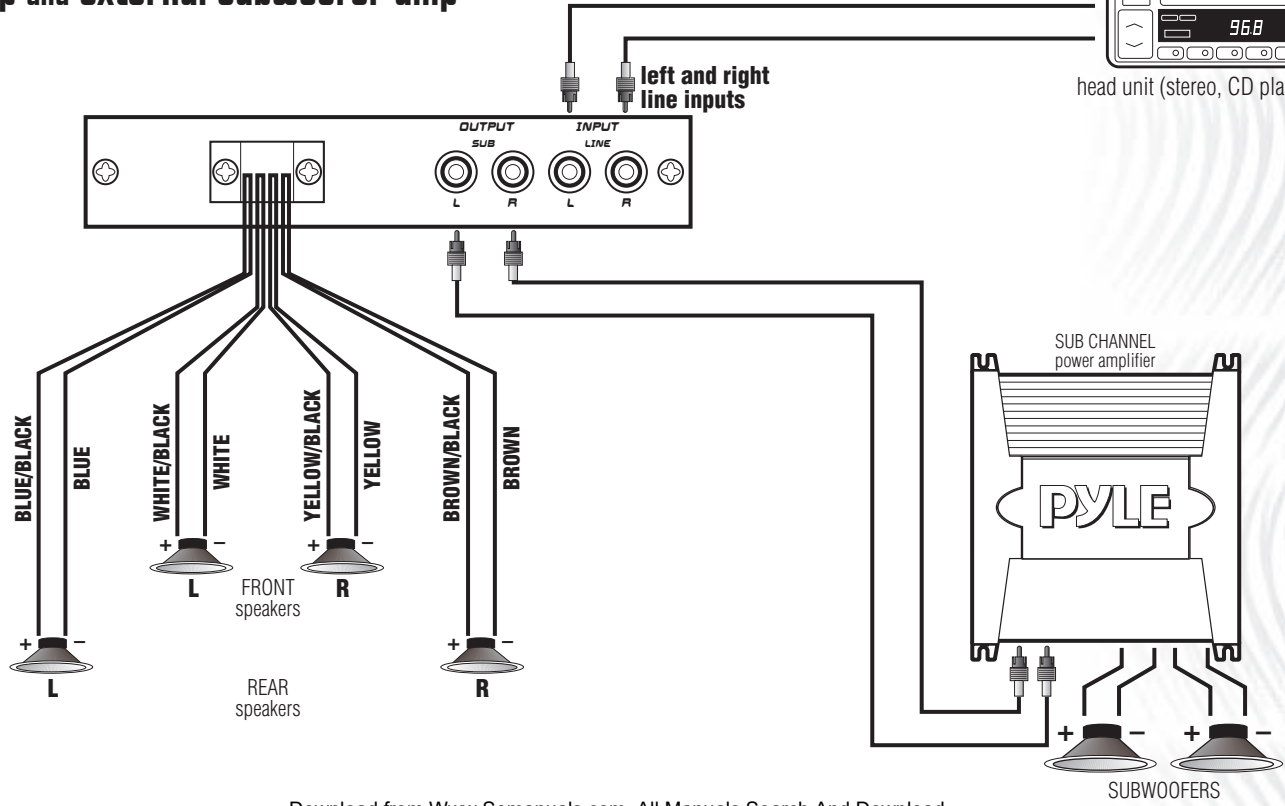
Basic system application
using built-in amp and external subwoofer amp

left and right
line outputs
from head unit



head unit (stereo, CD player, tape deck, etc.)

PLE702B



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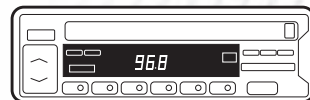
wave

system wiring

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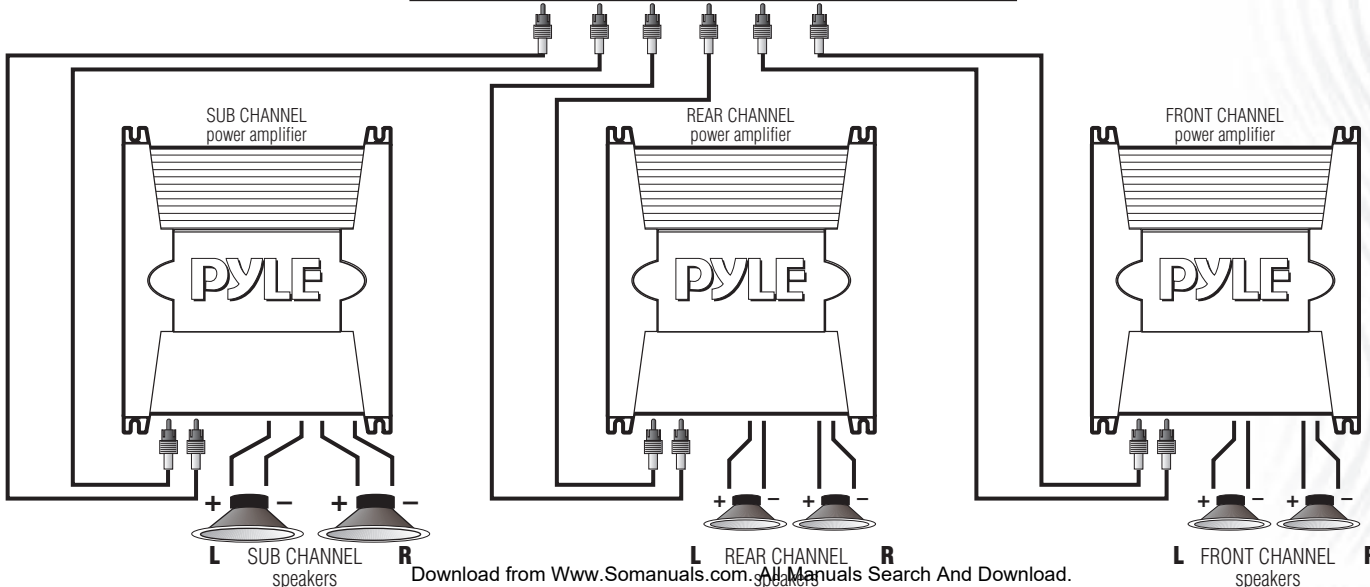
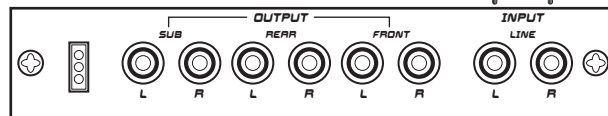
Basic system application
using front, rear, and subwoofer amps

left and right
line outputs
from head unit



head unit (stereo, CD player, tape deck, etc.)

left and right
line inputs



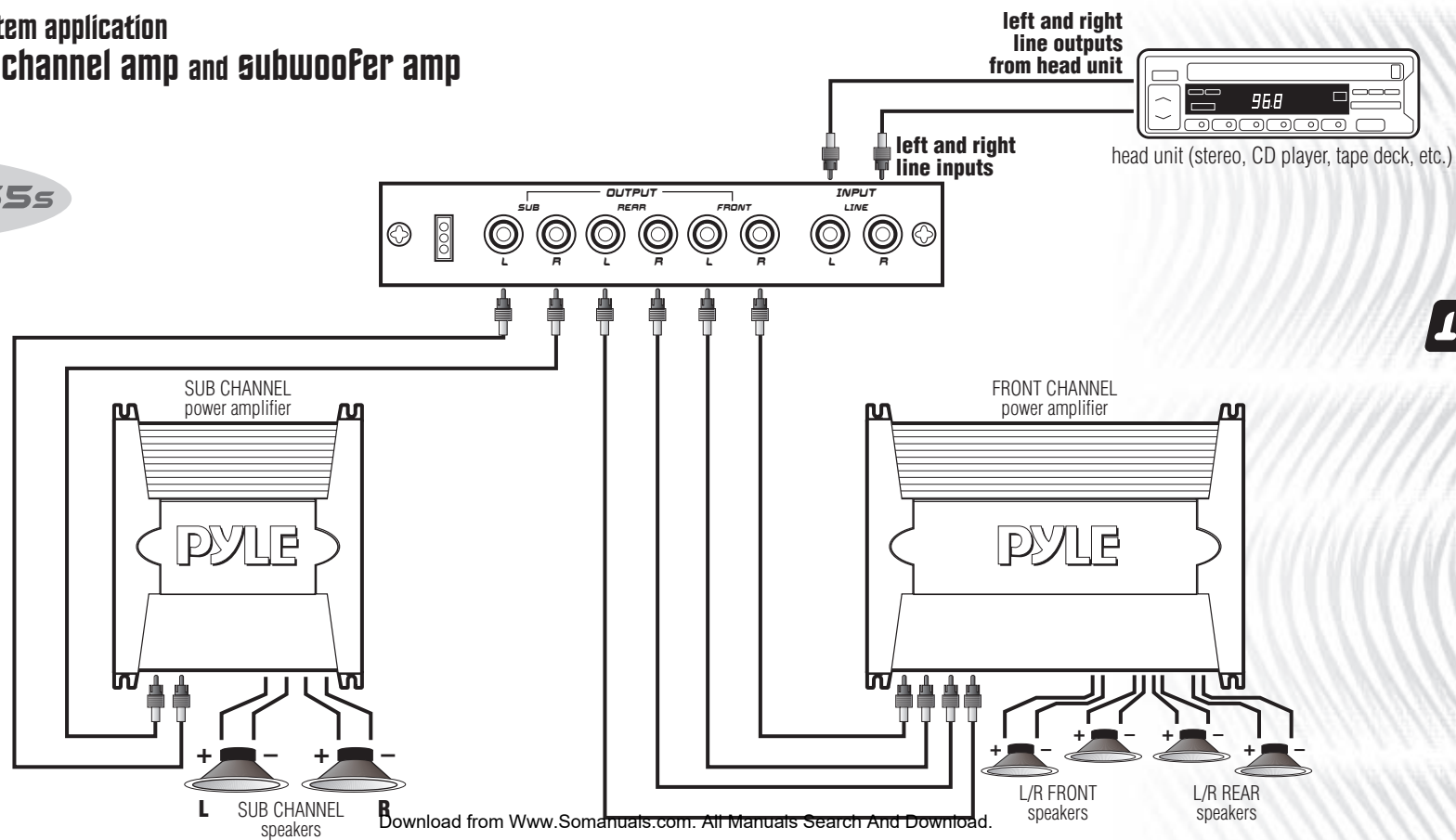
PLE755s

PLYLE *wave* system wiring

PLE755s

Basic system application
using a 4 channel amp and subwoofer amp

PLE755s



head unit (stereo, CD player, tape deck, etc.)

precautions troubleshooting

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If you experience...

Signal Processor does not turn on. Check that:

- Remote Turn-On wire has 12V.
- 12V wire has 12V.
- Ground wire is properly connected.

Level of sound is low. Check that:

- Wiring is not loose or cables misconnected/disconnected.
- RCA cables are not faulty.

Background noise is too high. Check that:

- Wiring is not loose or cables misconnected/disconnected.
- RCA cables are not faulty.

- Never drive with the volume raised so high you cannot hear what is occurring in traffic around you.

- Be aware that repeated exposure to excessive volume levels can permanently damage your hearing!

- Keep all electronics away from moisture, dust, extreme heat or extreme vibrations.

- Pyle Audio products are capable of sound pressure levels in excess of 150 dB. Continuous exposure to sound pressure levels over 100 dB may cause permanent loss of hearing. Use common sense and **PRACTICE SAFE SOUND.**



PYLE *limited warranty policy*

WARRANTY CAMPIFIERS

All Pyle products are carefully constructed and thoroughly tested before shipment. Products purchased in the USA are warranted to be free of defects in material and workmanship for two (2) years from the date of purchase. This warranty is limited to the original retail purchase.

Should the product fail due to factory defects in material or workmanship, your unit will be repaired or replaced at the sole discretion of Pyle.

To obtain warranty service you must first call our Consumer Return Hotline number at (718) 236-6948 to obtain a Return Authorization number. This R.A.# must appear on the outside of your package and on all paperwork relating to your return.

When returning a product to us for warranty service it must be carefully packed and shipped prepaid to:

R.A.#
Pyle Service Center
1600 63rd Street
Brooklyn, NY 11204

You must also include the following items:

- A copy of your sales receipt or other proof of purchase
- A brief letter indicating the problem you are experiencing
- Include in your letter your return address, daytime phone number, and R.A. number
- also include a check or money order for \$12.00 for return shipping, handling, and insurance, or provide your Visa/MC number with expiration date.

Our obligation under this warranty is limited to the repair or replacement of the defective unit when it is returned to us prepaid. This warranty will be considered void if the unit was tampered with, improperly serviced, or subject to misuse, neglect, or accidental damage.

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