



...is all you need



PXA PLUG & PLAY UPGRADE SERIES

CONGRATULATIONS !

You now own an EXCURSION amplified and passive radiated PXA Subwoofer, the product of an uncompromising design and german engineering philosophy. Made from Car Audio fanatics who truly believe in the relentless pursuit of perfection.

EXCURSION subwoofers are the result of several decades of product improvements, competition, innovation and highest quality parts and control standards in industry. When properly installed these amplifiers will provide you with many years of listening pleasure and are the perfect balance between high fidelity, extreme performance and long-lasting reliability.

Should your Subwoofer ever need a service, Please record your information on the following lines to refer to in the event that you may need it later.

Dealer's Name _____

Date of Purchase _____

Installation Shop _____

Installation Date _____

At EXCURSION Intl. we are confident you will have many years of outstanding enjoyment from your high performance investment. For maximum performance we recommend that you have your new EXCURSION PXA B8 subwoofer installed by an exclusive Authorized EXCURSION Dealer

To learn more about EXCURSION, please visit us on the World Wide Web at

<http://www.excursion.us>

CAUTION !

Continuous exposure to sound pressure levels in excess of 100dB can cause permanent hearing loss. EXCURSION Products are capable of producing sound pressure levels well over 170dB. Please observe all local sound ordinances while listening to your EXCURSION System. EXCURSION Intl. accepts no liability for hearing loss, bodily injury, or property damage due to the result of use or misuse of this product.

FEATURES

- MINI SIZED OEM PLUG & PLAY UPGRADE DESIGN
- DOUBLE SIDE PCB AND SMD COMPONENTS
- CLASS D MONO DESIGN 2OHM STABLE
- LPF CROSSOVER
- BASSBOOST
- AUTO TURN ON/OFF @ HIGH INPUT MODE
- REMOTE CONTROLE
- ROHS COMPLIANT

SPECIFICATIONS

Model	PXA B8
Output Power	500W / MAX
	150W / RMS
Input Sensitivity	0.1~4V Low Level
	0.5~10V High Level
Output Impedance	2 Ohm
Frequency Response	20~300Hz
LPF	40~200Hz
Phase Switch	0° / 180°
BassBoost @45Hz	0 - 12dB
S/N Ratio (A)	> 91dB
Auto Turn ON/OFF	@ High Level Input Mode
Fuse Protection	25 A
Max Current Consumption	30 A
Components & PCB	SMD parts / double side pcb
Source Voltage	14.4V (10V-16V)
Weight incl. accessoires	5.6 kg
Dimension(mm)	
Height	75
Width	265
Length	355

ACCESSOIRES

■ 10P connection couple
(Power cable, remote start wire,
speaker input wire, Ground wire)



■ Remote turn-on wire



■ 5M power extension coupler
(12AWG)



■ 4.5M Remote controller



■ speaker output wire



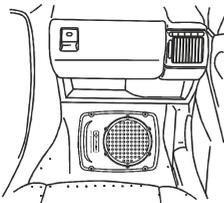
■ Fixed screw (lock vehicle)



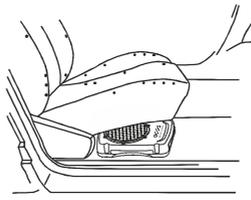
INSTALLATION

- This product provides LOW (RCA) Signal and HIGH LEVEL (Speaker) Signal input method. Please choose only one method. Never use both methods at the same time. Improper operation may lead to damages or accidents.
- When choosing HIGH Level speaker signal as your audio input, than the REMOTE (Blue/White Cable) can not be connected. If do so than this will lead to the automatic switch OFF function failure.
- If the input signal is too strong, than the subwoofer may have crackling & popping sounds, if it continues to happen than the subwoofer might get or be damaged.
- Make sure mounting screws will not puncture wiring harness, brake or fuel lines, or the vehicle's fuel tank. Some or all of these may be located behind or under the mounting surface.
- Additional Informations:
Ground wire: connect to a bare metal part of vehicle body.
Power cable: connect to the positive polarity of car battery.

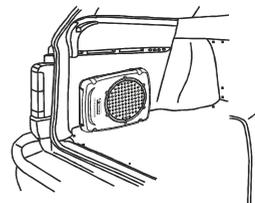
● Suggestion of subwoofer placement



In compartment



Under the seat



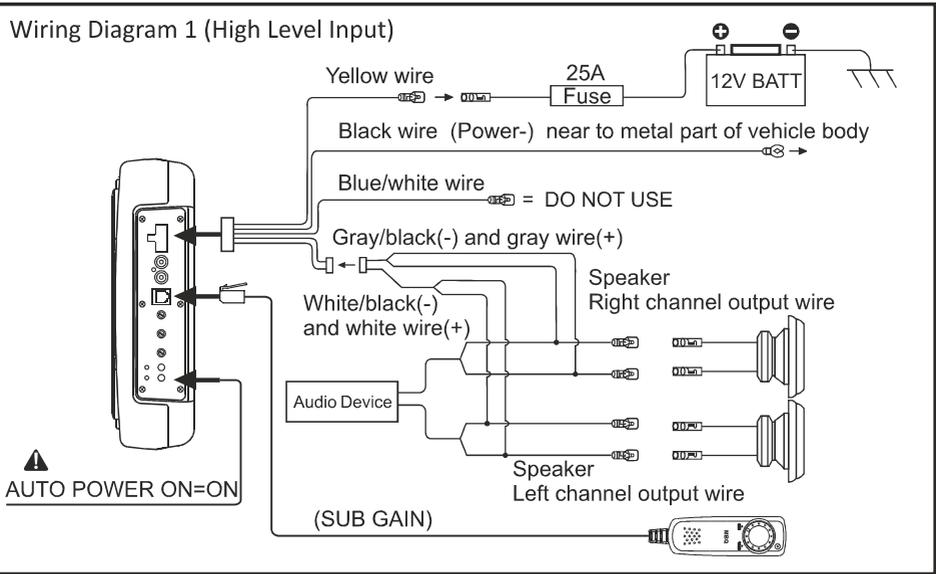
In trunk

WIRING DIAGRAM PXA B8

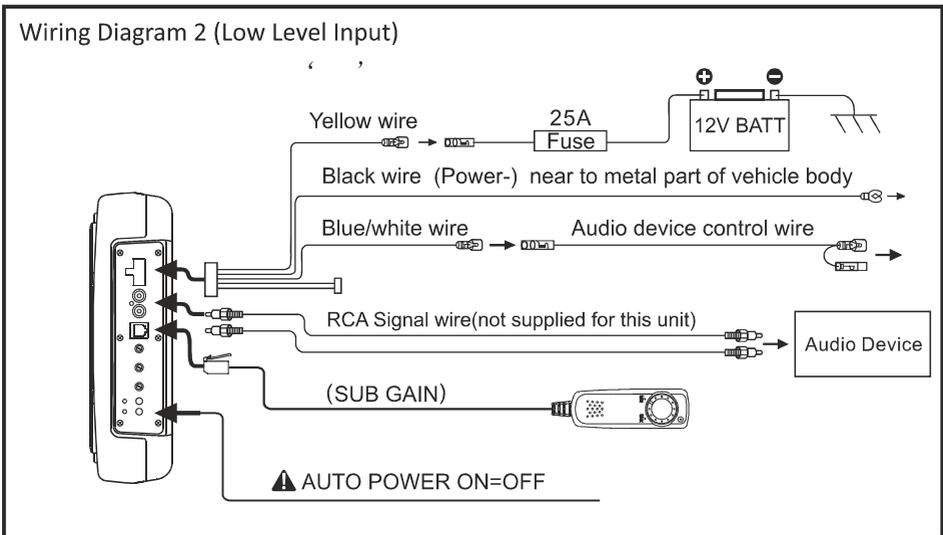
WARNING

If you are using only the Low level (RCA) inputs, you must connect the remote wire from the subwoofer to the system's head unit so subwoofer will turn on and off with the system. If you will be using the speaker-level outputs from your head unit, you do not need to connect the remote output. The subwoofer's speaker-level inputs will sense voltage on speaker wires and the subwoofer will turn itself on. Use only one of the audio inputs, otherwise it may lead to audio interference.

Wiring Diagram 1 (High Level Input)



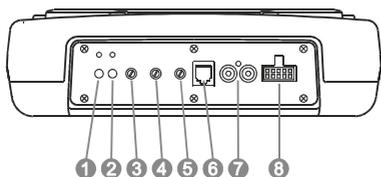
Wiring Diagram 2 (Low Level Input)



INSTALLATION PRECAUTIONS

Before you install the PXA B8, investigate your car's layout very carefully. Take special care when you work near the gas tank, fuel lines, hydraulic lines and electrical wiring. Before making or breaking power connections in your system, disconnect the vehicle battery. Confirm that your head unit or other equipment is turned off while connecting the input jacks and speaker terminals. If you need to replace the power fuse, replace it only with a fuse identical to that suggested by this manual. Using a fuse of a different type or rating may result in damage to your audio system or your amplifier which is not covered by warranty .

FUNCTION



- ❶ AUTO TURN ON/OFF
- ❷ PHASE 0°-180°
- ❸ LOW PASS 40-200Hz
- ❹ BASS BOOST 0-12dB
- ❺ INPUT GAIN
- ❻ REMOTE CONTROL
- ❼ RCA LOW LEVEL INPUT
- ❽ SPEAKER HIGH LEVEL & POWER INPUT (COMMON COUPLER)

TROUBLE SHOOTING

Symptom	Possible Remedy
PXA B8 will not power up	<p>Check to make sure you have a good ground connection.</p> <p>Check that there is battery power on the (+)terminal .</p> <p>Check all fuses, replace if necessary .</p> <p>Make sure that the Protection LED is not illuminated.</p>
Protection LED Comes on	<p>Check for short circuits on speaker leads.</p> <p>Check the speaker load not beyond the minimum load.</p> <p>Remove speaker lead, and reset the amplifier. If the protection LED still Comes on, then the amplifier is faulty and needs servicing .</p>
No output	<p>Check that the RCA audio cables are plugged into the proper inputs.</p> <p>Check all speakers wiring.</p> <p>Check the headunit output and the amplifier level setting.</p>
Low output	<p>Reset the level Control.</p> <p>Check the Crossover Control settings.</p>
High hiss in the speakers	<p>Check the RCA cable is not shorted to power ground at amplifier side.</p> <p>Check the amplifier grounding.</p>
Distorted sound	<p>Check that the Input level control is set to match the signal level of the head unit. Always try to set the Input level as low as possible.</p> <p>Check that all crossover frequencies are properly set.</p> <p>Check for short circuits on the speaker leads.</p>
PXA B8 gets very hot	<p>Check that there is good air circulation around the amplifier. In some applications, It may be necessary to add an external cooling fan .</p>



EXCURSION LIMITED WARRANTY POLICY

EXCURSION Intl. offers limited warranty on EXCURSION products under normal use on the following terms:

EXCURSION Amplifiers are to be free of defects in material and workmanship for a period of one year.

This warranty applies only to EXCURSION products sold to consumers by Authorized EXCURSION Dealers in Germany. Products purchased by consumers from an EXCURSION dealer in another country are covered only by that country's Distributor and not by EXCURSION Intl.

This warranty covers only the original purchaser of EXCURSION product. In order to receive service, the purchaser must provide EXCURSION with the receipt stating the consumer name, dealer, product and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Excursion`s discretion and will not be liable for incidental or consequential damages. EXCURSION will not warranty this product under the following situations:

- * **Amplifiers received with apparent rust or corrosion**
- * **Any evidence of liquid damage or exposure to excessive heat**
- * **Attempted repairs or alterations of any nature**
- * **Product that has not been installed according to this owner manual**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. No person is authorized to assume for EXCURSION any other liability in connection with the sale of this product.

Please call prior your authorized EXCURSION dealer the product got purchased. In case they are not accessible call 0961-416-0420 for EXCURSION Customer Service. You must obtain an RA# (Return Authorization Number) to return any product to EXCURSION Intl. The RA number must be prominently marked on the outside of the shipping carton or the delivery will be refused. Please pack your return carefully! We are not responsible for items damaged in shipping. Return the defective product along with a copy of the original dated retail sales receipt, plus 10,- EUR for handling and diagnostic evaluation to:

EXCURSION Intl. - A Division of CHPW
Attn: Returns (RA#)
Neustaedter Str. 20
D-92685 Floss / Germany



...is all you need

EXCURSION - A Division of CHPW

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