

**cerwin**  
**vega**  
mobile



***vega***  
***series***



**\* REMOTE BASS  
KNOB ENCLOSED**

**UPAS68**

***6" x 8" MINI SLIM  
ACTIVE SUBWOOFER***

***MANUAL***

## Cerwin Vega Mobile Amplified Subwoofer

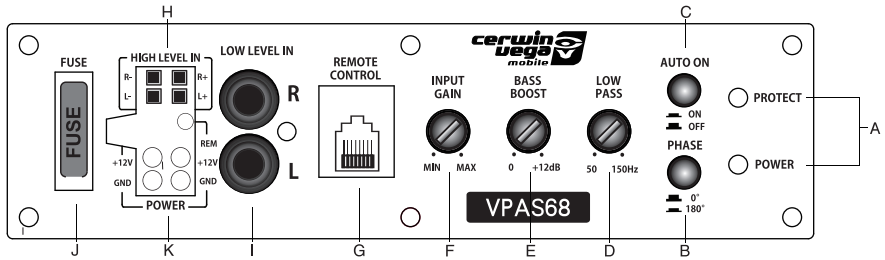
Thank you for purchasing a Cerwin Vega Mobile Amplified Subwoofer for your car audio system. You have chosen Cerwin Vega Mobile because you deserve the best!

Cerwin Vega Mobile products are designed and engineered to the highest quality standards in the industry to create the ultimate listening experience in your vehicle. For optimal performance of this product, it is highly recommended that you have your new amplified subwoofer installed by an authorized Cerwin Vega Mobile dealer. Our authorized dealers have the necessary experience and installation equipment to ensure that your amplifier will deliver maximum performance and explain all the details pertaining to your warranty coverage as well.

If you decide to install the amplified subwoofer by yourself, please thoroughly read through this manual before getting started. This manual will help familiarize yourself with this amplified subwoofer and guide you through the installation process and procedures.

Please contact your local authorized Cerwin Vega Mobile dealer if you have any questions regarding the instructions in this manual or the amplifier's operation capabilities. If you require additional assistance, please contact the Cerwin Vega Mobile Technical Support Department during business hours at 213-212-3187.

# Panel Controls and Features



## A. POWER STATUS LED

This bi-color LED glows green when power is on and no problems are present. If one of the protection circuits comes on, it will change to red.

## B. PHASE SHIFT

Use this switch to help compensate for time alignment problems in the system. Such problems usually result from having the subwoofer at a different distance from the listener than the other speakers in the system.

## C. AUTO POWER ON

The AUTO POWER ON(ON/OFF) is for high level (speaker-level) connections. When the switch is in the "ON" position, the subwoofer AUTO POWER ON when there is signal input. If the amplifier detected no signal input, the amplifier will auto turn off. If you prefer to use the remote turn on/off connection, the switch is in the OFF position.

**Note: Please connect the remote terminal to the remote output of head unit as Fig.4. When you hear the unit turn ON/OFF POP noise from the subwoofer.**

## D. LOW PASS FILTER

This control permits you define the frequency range you want the subwoofer amplifier to receive. The subwoofer will reproduce all sound BELOW the frequency you set.

**Note: The low pass filter frequency can be higher or lower than the standard. There have +/-20% tolerance.**

## E. BASS BOOST

The BASS BOOST feature will increase the sound level in the bass frequencies.

## F. INPUT GAIN CONTROL

After you have installed your system, turn this control to minimum.

Turn the head unit on (and the subwoofer will turn on via the remote connection). Turn the head unit volume to about 2/3 full level.

Slowly turn up the subwoofer input gain control until you hear a small amount of distortion. Then reduce the level until the distortion is completely gone. Level the control at this setting.

## G. REMOTE LEVEL CONTROL PORT

Attach the included remote level control to control the volume level of the subwoofer independently.

## H. HIGH LEVEL (speaker level) INPUTS

If your head unit does not have RCA outputs you can use the speaker outputs for the audio source for the subwoofer. Use the supplied cable and wire harness and connect the outputs properly as shown in the connection diagram in this manual.

## I. LOW LEVEL RCA INPUTS

Low level inputs are the recommended way to introduce the audio signal to the subwoofer if RCA outputs are present on your head unit or other signal source (such as a sound processor).

## J. FUSE

Do not use a fuse with a different value and NEVER replace the fuse with a wire or coin.

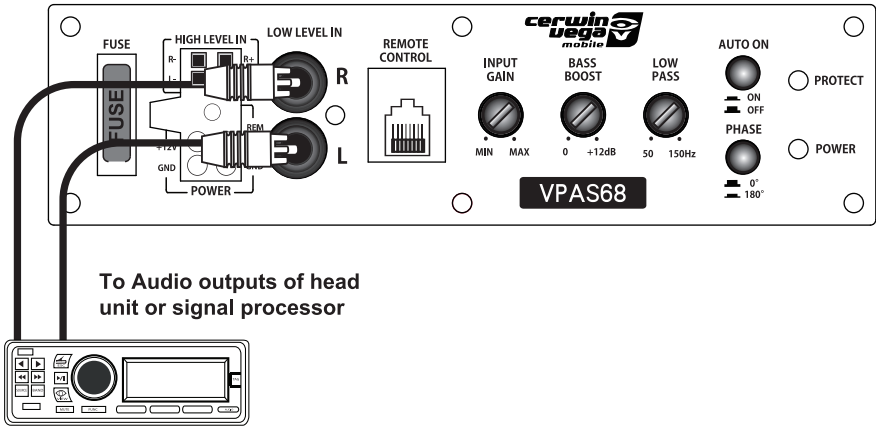
## K. POWER INPUT TERMINAL

# Low Level Input Wiring

Low-level (RCA) input wiring is preferred for best audio performance. Most trunk or hatchback installations will require a 15-20 feet RCA cable, while pickup trucks and under-seat installations will require a 6-12 feet RCA cable. Always use a high quality cable.

**NOTE: Do not connect BOTH the high level and low level inputs from your receiver to your amplifier at the same time!**

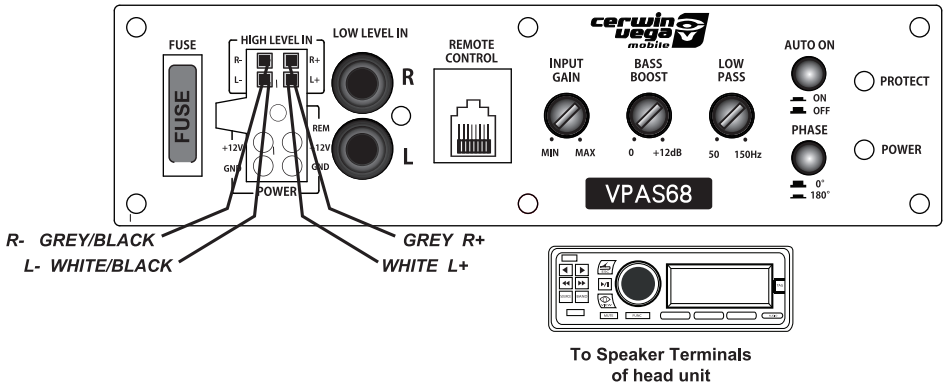
Fig.1



## High Level Input Wiring

The high level input(s) should only be used when your receiver lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems.

**NOTE: Do not connect BOTH the high level and low level inputs from your receiver to your amplifier at the same time!**



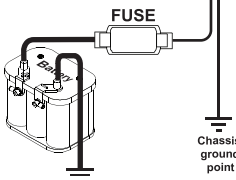
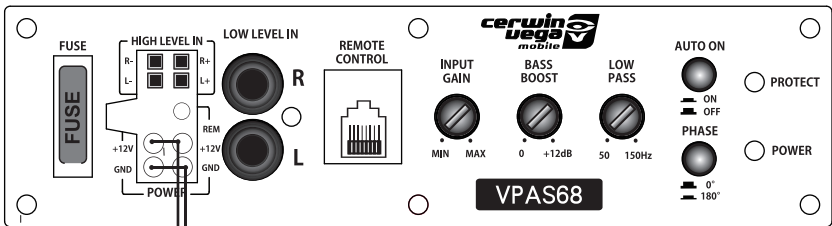
# Power Connections

Connect the ground terminal to the closest point on the chassis of the vehicle. Keep this ground wire to less than 39" (100 cm) in length. Use 8 gauge (or heavier) wire.

Connect the remote terminal to the remote output of head unit using 16 gauge (or heavier) wire.

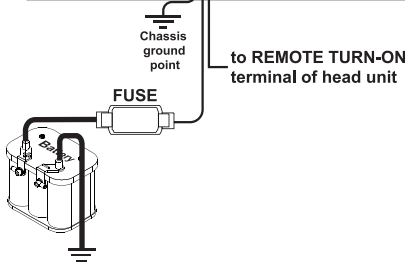
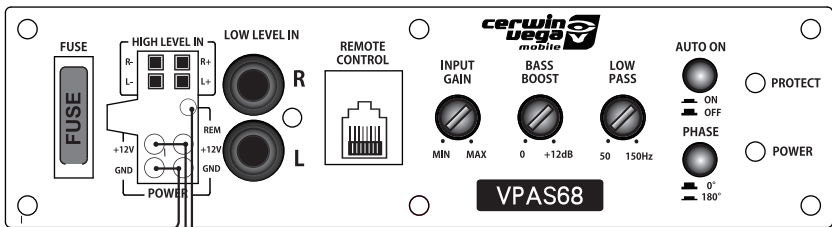
Connect an empty fuse holder within 18" (45 cm) of the car battery, and run 8 gauge (or heavier) cable from this fuse to the amplifier location. Then connect the fuse holder to the "BATT+" (+12V) connection on the subwoofer rear panel.

Fig.3



**NOTE:** In this connection, the AUTO TURN OFF switch is in the ON position.

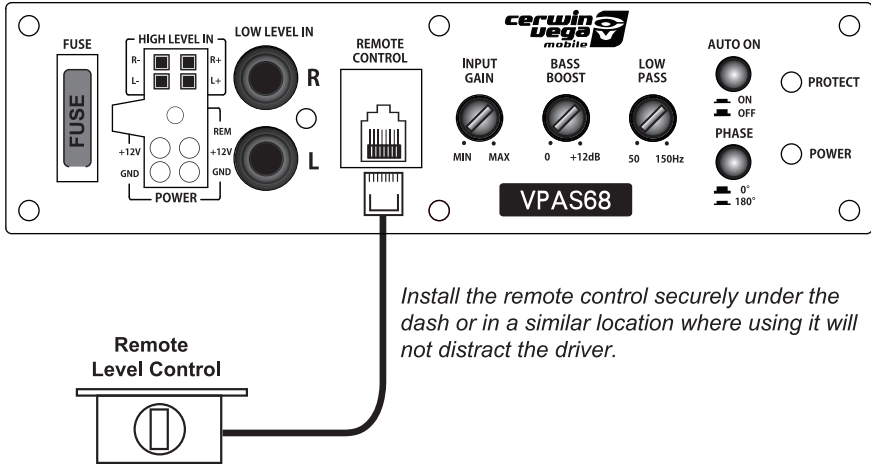
Fig.4



**NOTE:** In this connection, the AUTO TURN ON switch is in the OFF position.

# Remote Level Control Connection

Fig.5



*Install the remote control securely under the dash or in a similar location where using it will not distract the driver.*

## Specifications

<b>MODEL:</b>	<b>VPAS68</b>
<b>Power</b>	100W RMS / 300W MAX
<b>THD</b>	<0.4%
<b>Signal-to-noise ratio</b>	>90dB
<b>Frequency Response</b>	20Hz - 150Hz
<b>Input Sensitivity, high level</b>	0.9V - 12V
<b>Input Sensitivity, low level</b>	0.3V - 5V
<b>Low Pass Filter</b>	50Hz - 150Hz
<b>Bass Boost</b>	0 to + 12dB
<b>Subsonic Filter</b>	20Hz
<b>Fuse Rating</b>	20A
<b>Subwoofer</b>	6 x 8 inch, 4ohm
<b>Dimensions (L x W x H)</b>	10.2" (259.08) x 7.6" (193.04) x 2.8" (71.12)

*All specifications subject to change without notice.*

# Warranty

Thank you for purchasing a Cerwin Vega Mobile product and we hope to provide you with countless hours of listening enjoyment.

Please take a brief moment to register your new product. By registering your new product, you will receive benefits such as:

- Important product notifications that may pertain to your purchase.
- Confirmation and record of ownership in case of loss or theft.
- Knowledgeable customer service and technical assistance pertaining to your product.

Register your new product by completely filling out this Product and Warranty Registration card or register online at [www.cerwinvegamobile.com](http://www.cerwinvegamobile.com).

Registration is voluntary and failure to register will not diminish your limited warranty rights.

## Limited Warranty (U.S.A.)

Cerwin Vega Mobile warrants all of our amplifiers and speakers to be free of defects in materials and workmanship for a period of one (1) year.

This warranty is non-transferable and applies only to the original purchaser from an authorized Cerwin Vega Mobile dealer. If service is required and necessary under this warranty due to manufacturing defect or malfunction, then Cerwin Vega Mobile will repair and/or replace defective product with either new or remanufactured like product at no charge at our discretion.

Damage to product caused by the following will not be covered under this warranty: abuse, accident, misuse, neglect, modifications, repairing attempts, seller/installer misrepresentation.

This warranty does not cover any incidental, consequential, or cosmetic damage due to accidents or normal wear and tear, nor does it cover the cost of removing or reinstallation of the product.

**Warranty is void if the product's serial number has been removed, defaced, and/or tampered with.**

## Warranty Procedure:

We recommend that you contact your Cerwin Vega Mobile authorized dealer where your original purchase was made to initiate all warranty claims. Our authorized dealers can guide you through the warranty procedure to ensure that your claim will be processed in a timely manner. All warranty returns must be accompanied with a proof of purchase (a copy of the original sales receipt) and be shipped freight prepaid to our facility with an RA (Return Authorization) number clearly marked on the outside of the package. Direct returns from consumers or non-authorized dealers will be refused if shipped without a valid RA number authorized by Cerwin Vega Mobile beforehand.

## INTERNATIONAL

Products purchased outside of the U.S.A. are covered only by that country's distributor and not by Cerwin Vega Mobile U.S.A.

Please Ship All Warranty Claims With Pre-Authorized RA Number To:

CV&DA Holdings, Inc.

ATTN: Customer Service Department

3761 S. Hill Street

Los Angeles, CA 90007 USA

Please Contact Customer Service for Further Warranty Information:

U.S.A.

Tel: 213-261-4161 / Direct Tech line 213-212-3187/ Fax: 213-947-4767



**3761 South Hill Street  
Los Angeles 90007, USA  
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**WWW.CERWINVEGAMOBILE.COM**

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