



## PWV-SB10

10" POWERED SUBWOOFER SYSTEM

## PWV-SB12

12" POWERED SUBWOOFER SYSTEM

- OWNER'S MANUAL

Please read before using this equipment.

- MODE D'EMPLOI

Veuillez lire avant d'utiliser cet appareil.

- MANUAL DE OPERACIÓN

Léalo antes de utilizar este equipo.

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### ALPS ALPINE ASIA CO., LTD.

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33/4 Rama 9 road, Huay Kwang, Bangkok, 10310, Thailand  
Phone +66 (2) 090 9596

**WARNING****Points to Observe for Safe Usage**

Read this manual carefully before using the system components. They contain instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.

**WARNING**

This symbol means important instructions. Failure to heed them can result in serious injury or death.

**DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.**

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

**KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.**

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

**DO NOT DISASSEMBLE OR ALTER.**

Doing so may result in an accident, fire or electric shock.

**USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.**

Use for other than its designed application may result in fire, electric shock or other injury.

**USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.**

Failure to do so may result in fire or electric shock.

**DO NOT BLOCK VENTS OR RADIATOR PANELS.**

Doing so may cause heat to build up inside and may result in fire.

**MAKE THE CORRECT CONNECTIONS.**

Failure to make the proper connections may result in fire or product damage.

**USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

**BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.**

Failure to do so may result in electric shock or injury due to electrical shorts.

**DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.**

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

**DO NOT SPLICE INTO ELECTRICAL CABLES.**

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

**DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.**

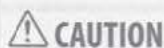
When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

**DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.**

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

**KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.**

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

**CAUTION**

This symbol means important instructions. Failure to heed them can result in injury or property damages.

**HALT USE IMMEDIATELY IF A PROBLEM APPEARS.**

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

**HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.**

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

**USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.**

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.



## ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

## DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

## SERVICE CARE

### ♦ IMPORTANT NOTICE

This product has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules. This equipment generates and uses radio frequency energy, and it must be installed and used properly in accordance with the manufacturer's instructions.

SERIAL NUMBER: \_\_\_\_\_  
INSTALLATION DATE: \_\_\_\_\_  
INSTALLATION TECHNICIAN: \_\_\_\_\_  
PLACE OF PURCHASE: \_\_\_\_\_

### ♦ IMPORTANT

Please record the serial number of your unit in the space provided here and keep it as a permanent record. The serial number plate is located on the rear of the unit.

### IMPORTANT NOTICE

Customers who purchase the product with which this notice is packaged, and who make this purchase in countries other than the United States of America and Canada, please contact your dealer for information regarding warranty coverage.

## ACCESSORIES

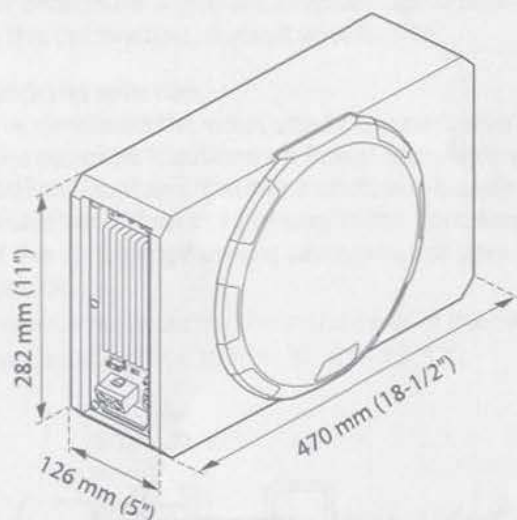
- Speaker-RCA Conversion cable.....2
- Plug-in Power Supply Terminal.....1
- Hexagon Wrench.....1

## INSTALLATION

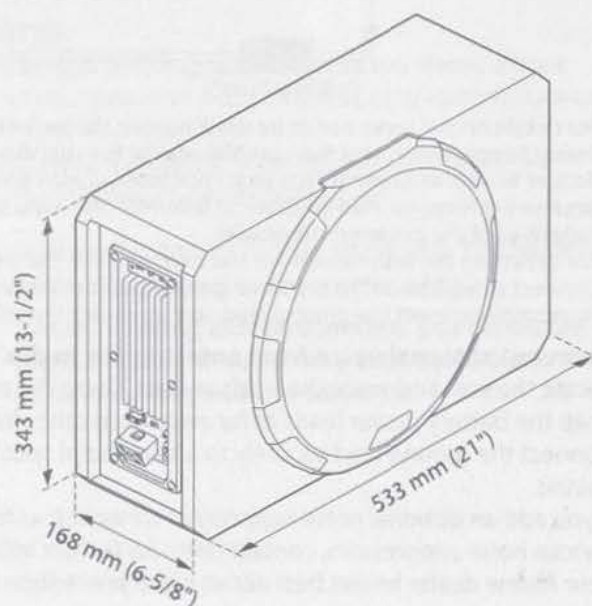
This product generates considerable heat while the amplifier is in operation. For this reason, please install it in a location which will allow for free circulation of air inside the vehicle cabin. For alternate installation locations, please contact your authorized Alpine dealer.

In addition, the product should be securely fastened to the vehicle using commercially available brackets to prevent movement during driving, ensuring that the speaker openings are not blocked.

### PWV-SB10

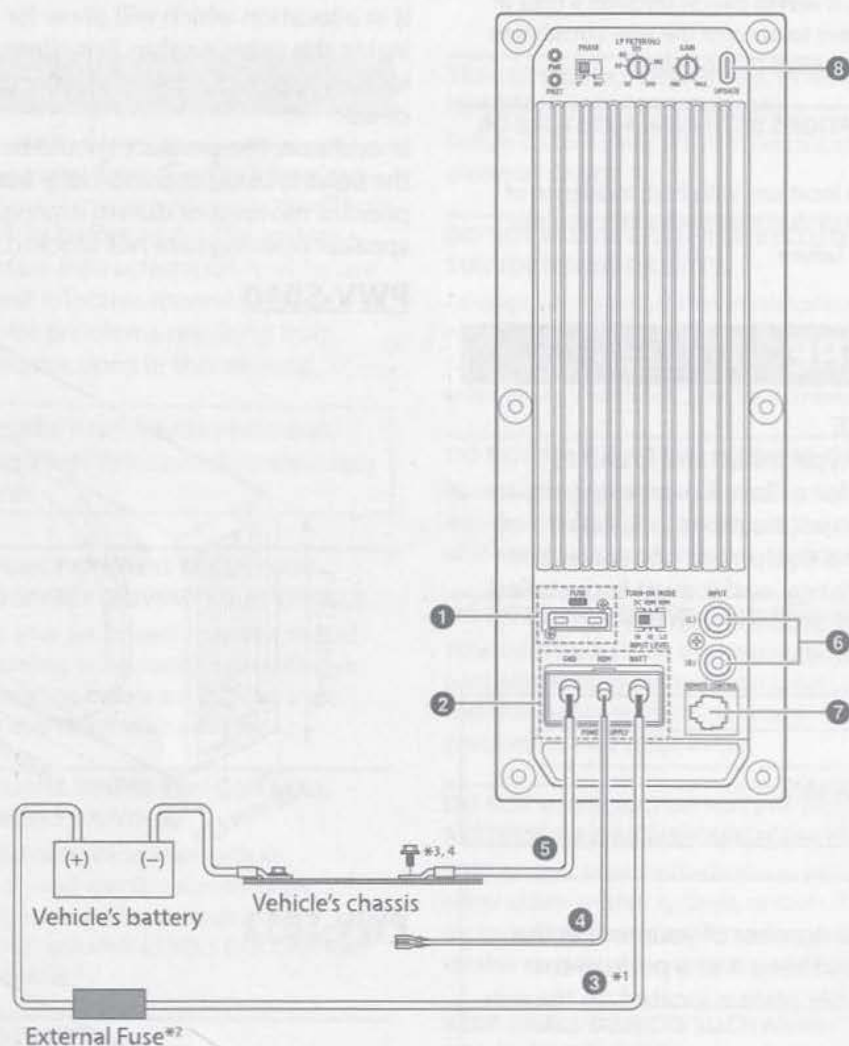


### PWV-SB12



## CONNECTIONS

Before making connections, be sure to turn the power off to all audio components.



- \*1 For details on the wires size to be used, refer to the supplied "Cautions on Power Supply Wires Connection" and "Cautions on Power Supply Wires", and then use the wire of the specified size.
- \*2 Be sure to add an External Fuse (e.g. Fuse Block, Circuit Breaker) with the battery lead as close as possible to the battery's positive (+) terminal. Add an external fuse with the same capacity, or a slightly larger capacity, as the sum total of the fuse capacities of the powered subwoofer.  
For details on the fuse capacity of this machine, see "Battery Lead (3)".
- \*3 Connect all equipment to the same ground point while keeping wire length as short as possible.
- \*4 To securely connect the ground lead, use an already installed screw.

**To prevent external noise from entering the audio system**

- Locate the unit and route the leads at least 10 cm (4") away from the vehicle's harness.
- Keep the battery power leads as far away from other leads as possible.
- Connect the ground lead securely to a bare metal spot (remove any paint or grease if necessary) of the vehicle's chassis.
- If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.
- Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.



## 1 Fuse 40 A

### USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

## 2 Plug-in Power Supply Terminal

Connect the Battery Lead (3), Remote Turn-on Lead (4), and Ground Lead (5) using the Hexagon hole screw of the Power Supply Terminal (2).

- For details on how to connect, see "Cautions on wire lead connections".

## 3 Battery Lead (sold separately)

Be sure to add an External Fuse (e.g. Fuse Block, Circuit Breaker) with the battery lead as close as possible to the battery's positive (+) terminal. This fuse will protect your vehicle's electrical system in case of a short circuit. See below for appropriate fuse value requirement:

Equal to or larger than 40 A

- For details on the wires size to be used, refer to the supplied "Cautions on Power Supply Wires Connection" and "Cautions on Power Supply Wires", and then use the wire of the specified size.

## 4 Remote Turn-On Lead (sold separately)

Connect this lead to the remote turn-on (positive trigger, (+) 12 V only) lead of your head unit.

- When connecting the speaker output leads of the head unit to this unit with the Speaker-RCA Conversion cable (included), you do not need to connect the remote turn-on lead, owing to the "REMOTE SENSING" function of this unit. However, the "REMOTE SENSING" function may not work depending on the signal source connected. In such a case, connect the remote turn-on lead to an incoming power supply cord (accessory power) in the ACC position.

## 5 Ground Lead (sold separately)

Connect this lead securely to a clean, bare metal spot on the vehicle's chassis. Verify this point to be a true ground by checking for continuity between that point and the negative (-) terminal of the vehicle's battery. Ground all your audio components to the same point on the chassis to prevent ground loops while keeping wire length as short as possible.

- For details on the wires size to be used, refer to the supplied "Cautions on Power Supply Wires Connection" and "Cautions on Power Supply Wires", and then use the wire of the specified size.

## 6 RCA Input Jacks

Connect these jacks to the line out leads on your head unit using RCA extension cables or Speaker-RCA Conversion cable (included). Be sure to observe correct channel connections; Left to Left and Right to Right.

## 7 Remote Bass Control (optional)

Connect the Remote Bass Control Unit RUX-KNOB.2 (sold separately) to adjust the output level remotely. This is not to replace appropriate gain level setting between the powered subwoofer and head unit.

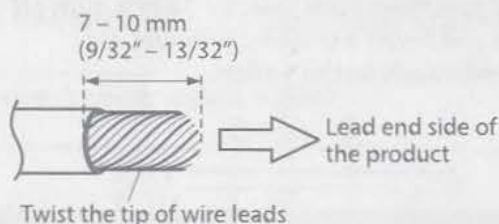
## 8 Update Jack (Do not connect anything here)

This jack is used to update the program of the unit. (It cannot be used to charge USB devices or be controlled from external equipment.)

## Cautions on wire lead connections

When using third-party wire cables (power supply wire), use the supplied screws to simplify the connection. Refer to the description below for the proper procedure. If you are in doubt about how to make this connection, consult your dealer.

1. Check the wire size.
  - For details on the wires size to be used, refer to the supplied "Cautions on Power Supply Wires Connection" and "Cautions on Power Supply Wires", and then use the wire of the specified size.
  - If the wire gauge used is unknown, ask your dealer.
2. Remove the insulation from the ends of the wire leads by about 7 – 10 mm (9/32" – 13/32").

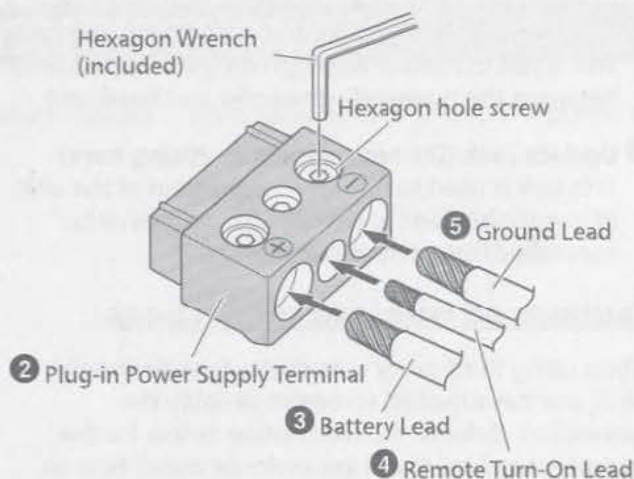


### NOTES:

- If length of the exposed wire is too short, a poor connection may occur causing operation failure or sound interruption.
  - On the other hand, if the length is too long, an electrical short-circuit may occur.
3. Tighten the hexagon hole screw with the hexagon wrench (included) to secure the lead.

**Before making this connection, use insulated shrink tubing to cover any exposed wire extending beyond the terminal.**

## Plug-in Power Supply Terminal

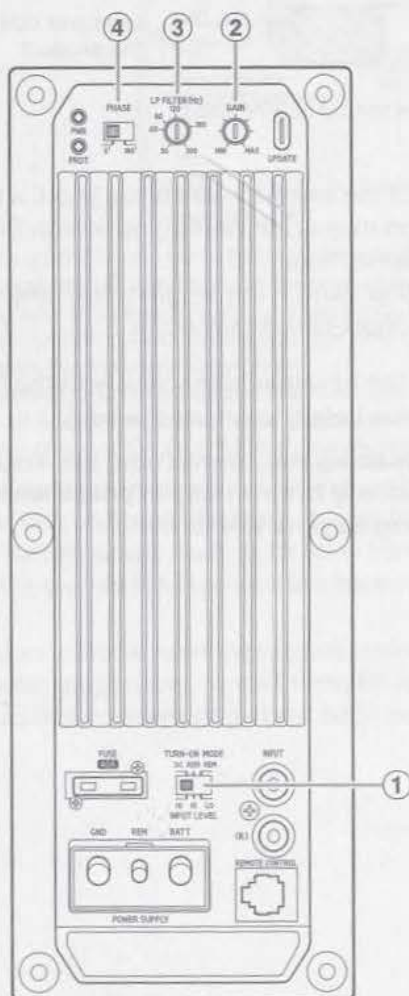


### NOTES:

- Be sure to use the Hexagon hole screw attached to the Power Supply Terminal (2).
- For safety reasons, connect the battery leads last.
- To prevent disconnection of the leads or dropping of the unit, do not use the cabling to carry the unit.

## SWITCH SETTINGS

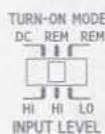
- Before switching each Selector Switch, turn off the power and insert a small screwdriver, etc., perpendicularly to the Switch.



### ① Input Level and Turn-on Mode Switch



- a) If input is via the head unit speaker line using the Speaker-RCA Conversion cable (included), set to "HI".  
TURN-ON MODE "DC":  
Power is turned on by the "REMOTE SENSING" function when DC offset is detected.



- b) If input is via the head unit speaker line using the Speaker-RCA Conversion cable (included), set to "HI".  
TURN-ON MODE "REM":  
Power is turned on by the remote turn-on lead.



- c) If input is via the head unit pre-out line using an RCA extension cable (sold separately), set to "LO".  
TURN-ON MODE "REM":  
Power is turned on by the remote turn-on lead.

- The DC offset auto turn-on circuit was designed to work with ONLY high level signals (i.e., speaker level signals). These high level signals usually come from the amplified output of radios, head units, and amplifiers. Because LO signal input (i.e., low level signals) cannot turn on the powered subwoofer, the REMOTE trigger signal must be supplied and the REM setting needs to be used for LO signal input.\*

\* For details on turning on the unit with the ACC trigger signal, see the Remote Turn-On Lead (4) section.

### ② Input Gain Adjustment Control

Set the input gain to the minimum position. Using a dynamic CD as a source, increase the head unit volume until the output distorts. Then, reduce the volume 1 step (or until the output is no longer distorted). Now, increase the gain of this machine until the sound becomes distorted. Reduce the gain slightly so the sound is no longer distorted to achieve the optimum gain setting.

### ③ Crossover Frequency Adjustment Control (LP FILTER)

Use this control to adjust the crossover frequency between 50 Hz to 200 Hz.

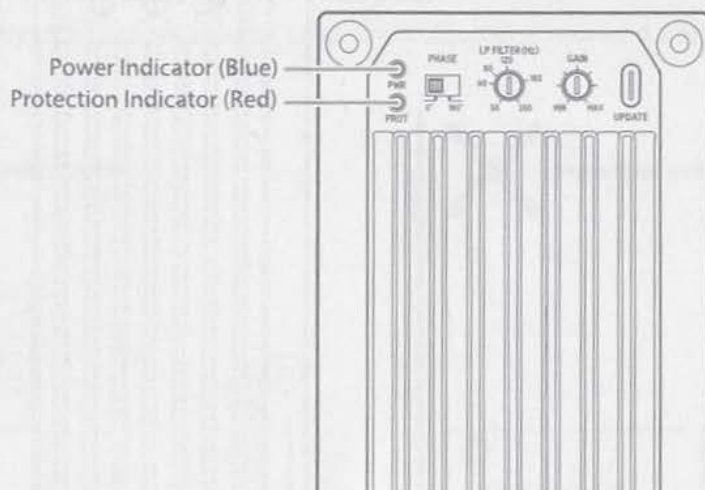
### ④ Phase Selector Switch

Switches the phase of the output sound. Compare the sound and select the setting that provides the stronger sound.

0°: Normal - The same phase as the input  
180°: Reverse - Inverts the phase



## About Status Indicators



Lights up when power is on.  
Is off when power is off.

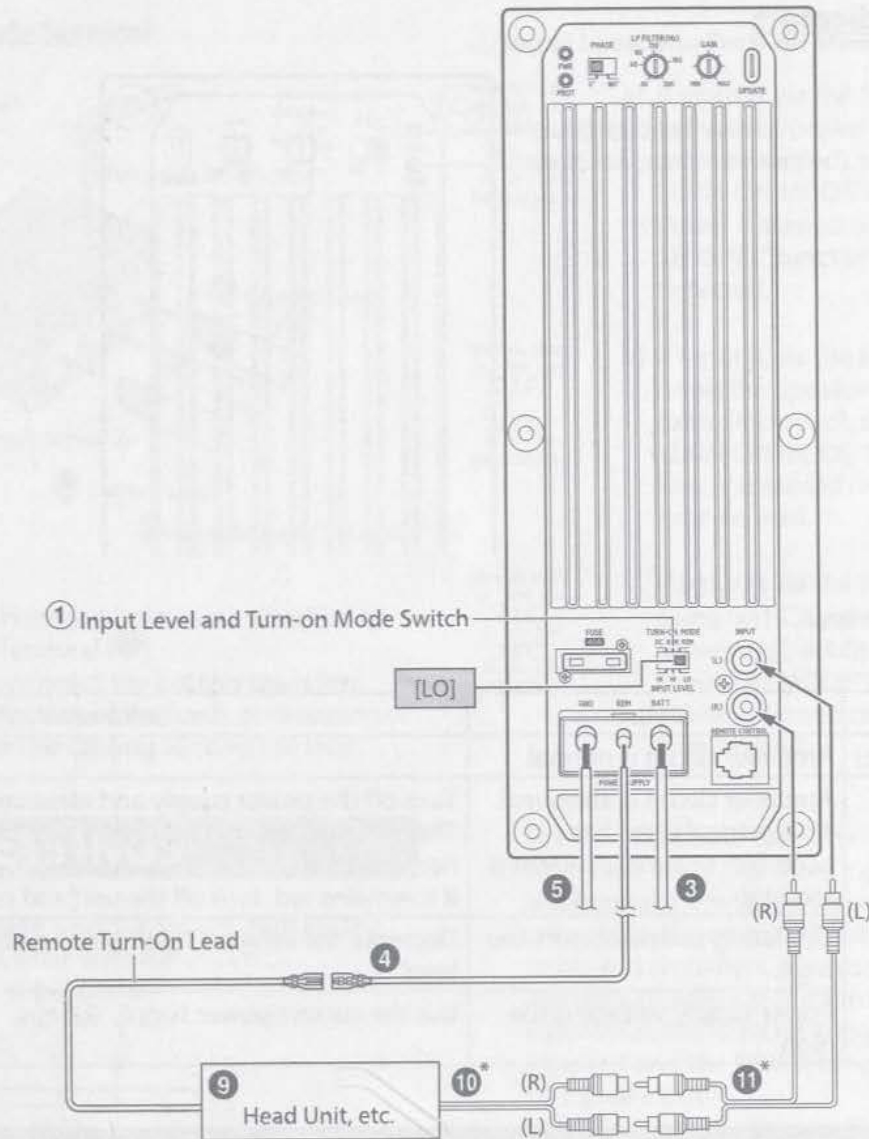
Indication color	Status	Solution
Power Indicator (Blue)	Amplifier circuit is normal.	
Protection Indicator (Red)	Amplifier circuit is abnormal. An electrical short has occurred, or supply current is too high.	Turn off the power supply and eliminate the cause. Then turn on the unit and verify that the red indicator has turned off. If it remains red, turn off the unit and consult your dealer.
	Operating temperature is too high.	Decrease the vehicle's interior temperature to a normal level.
	Power supply voltage is too high.	Use the correct power supply voltage.

## SYSTEM DIAGRAMS

Before making a connection, check the total number of impedance of the speaker connected to the unit. If you have any questions, contact the nearest Alpine dealer.

### Basic Connection Diagram

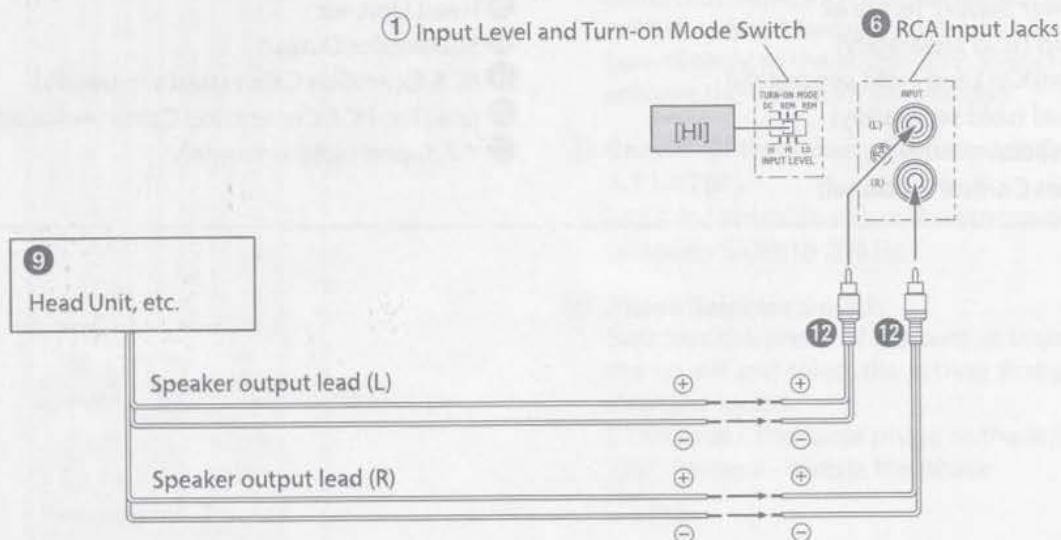
- 1 Fuse 40 A
- 2 Plug-in Power Supply Terminal
- 3 Battery Lead (sold separately)
- 4 Remote Turn-On Lead (sold separately)
- 5 Ground Lead (sold separately)
- 6 RCA Input Jacks
- 7 Remote Bass Control (optional)
- 8 Update Jack (Do not connect anything here)
- 9 Head Unit, etc.
- 10 Subwoofer Output
- 11 RCA Extension Cable (sold separately)
- 12 Speaker-RCA Conversion Cable (included)
- 13 Y-Adapter (sold separately)



\* If the connected head unit does not have a Speaker Output and RCA Extension Cable (11) cannot be used, you can use the Speaker-RCA Conversion Cable (12) (included). For details on how to make a connection, see "About Connecting to the Speaker Input Level System".

## ■ About Connecting to the Speaker Input Level System

When connecting by using the Speaker-RCA Conversion Cable (12) (included), switch the Input Level and Turn-on Mode Switch (1) to "HI".



• Do not mistake the Speaker Output Lead on the head unit side connected to this unit.

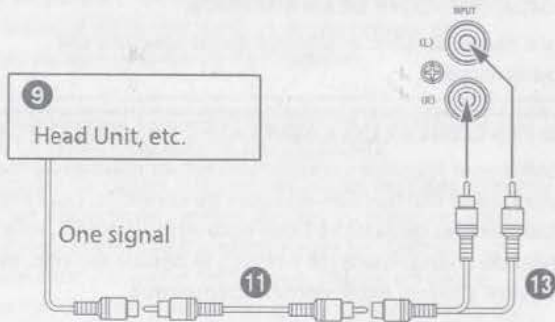


## ■ Important Tips on Connection with Y-adapter

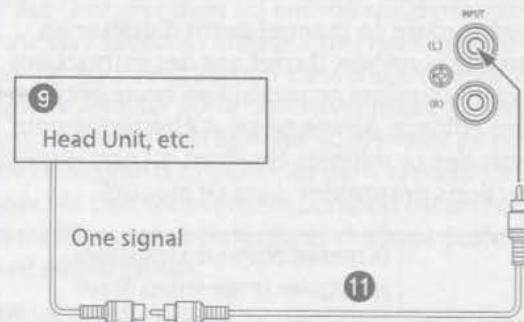
Low output will result if only one channel input is used. The Y-adapter is required if Head Unit, etc. has only a one signal output.



Proper connection



Improper connection

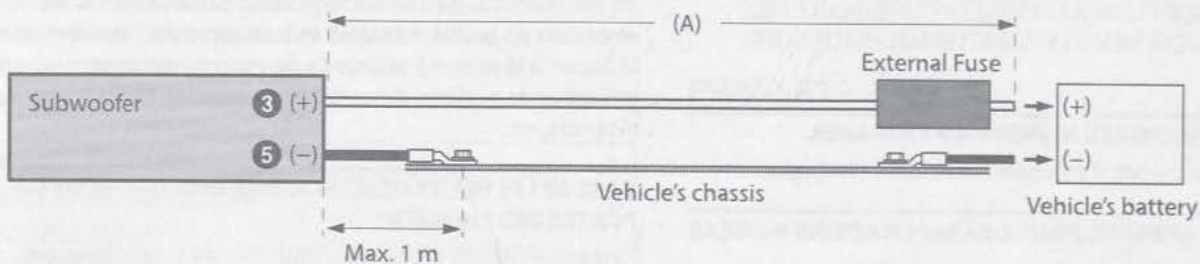


## ■ Cautions on Power Supply Wires

Use the specified wire size according to the total fuse capacity of the powered subwoofer to be installed and the wire length.

### Connection example when installing the powered subwoofer alone

- When the wire length from the powered subwoofer to the vehicle's battery is (A)  
**Wire size used for (A):**  
 10 AWG/5 mm<sup>2</sup> (Max. length 3.2 m)  
 8 AWG/8 mm<sup>2</sup> (Max. length 5.7 m)  
 4 AWG/21 mm<sup>2</sup> (Max. length 16 m)
- External Fuse capacity: Make it equal to or larger than the fuse capacity of the powered subwoofer  
**Equal to or larger than 40 A**



# SPECIFICATIONS / SPÉCIFICATIONS / ESPECIFICACIONES

		PWV-SB10	PWV-SB12
Performance			
Amplifier Power Output	RMS Per Channel, Ref.: 4 $\Omega$ , 14.4 V	400 W (200 W x 2)	
Speaker Diaphragm size	Nominal	10 inch (25 cm)	12 inch (30 cm)
Speaker Impedance	Dual Voice Coil	4 $\Omega$ + 4 $\Omega$	4 $\Omega$ + 4 $\Omega$
Speaker Power Handling	RMS	200 W + 200 W	200 W + 200 W
	Peak	400 W + 400 W	400 W + 400 W
Frequency Response	+0/-3 dB	31 – 200 Hz	
Enclosure Type		Sealed	Sealed
Control			
Input Impedance		>10 k $\Omega$	
Input Sensitivity	RCA Input Ref.: Rated Power into 4 $\Omega$	Hi level: 0.5 – 10 V	
		Lo level: 0.2 – 2.0 V	
Phase Selector	2 position	0°/180°	
Crossover	Variable LPF	50 – 200 Hz (-24 dB/oct.)	
Remote Level*	Linear Attenuation	0 to -20 dB	
General			
Dimensions	Width	470 mm (18-1/2")	533 mm (21")
	Height	282 mm (11")	343 mm (13-1/2")
	Depth without grille	126 mm (5")	168 mm (6-5/8")
	Depth including grille	170 mm (6-3/4")	214 mm (8-3/8")
Weight		9.7 kg (21 lb 6.4 oz)	14.5 kg (32 lb)

\* **EN:** Requires optional RUX-KNOB.2

\* **FR:** RUX-KNOB.2 en option requise

\* **ES:** Requiere RUX-KNOB.2 opcional

## NOTE / REMARQUE / NOTA :

- **EN:** Specifications and design are subject to change without notice.
- **FR:** Les spécifications et la conception sont sujettes à des modifications sans préavis.
- **ES:** Las especificaciones y el diseño del producto están sujetos a cambios sin previo aviso.

## Powered Subwoofer System PWV-SB10/PWV-SB12

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## ALPS ALPINE NORTH AMERICA, INC.

1500 Atlantic Blvd, Auburn Hills, Michigan 48326, U.S.A.

Phone 1-800-ALPINE-1 (1-800-257-4631)





## LIMITED WARRANTY

### ●PRODUCTS COVERED:

This Limited Warranty ("Limited Warranty") covers Alpine Car Audio Products and Related Accessories (the "Product"). Products purchased in Canada are covered only in Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

### ●LENGTH OF WARRANTY:

This Warranty is in effect for one year (1) from the date of the original retail purchase on the Product.

### ●WHO IS COVERED:

This Warranty only covers the original purchaser of the Product, who must reside in the United States, Puerto Rico or Canada.

### ●WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor), under normal use, in the Product.

### ●WHAT IS NOT COVERED:

This Limited Warranty does not cover the following:

- ① Damage occurring during shipment of the Product to Alpine for repair (claims must be presented to the carrier).
- ② Damage caused by normal wear and tear, accidents or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
- ③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
- ④ Damage caused by an act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature. Any cost or expense related to the removal or reinstallation of the Product.
- ⑤ Service performed by an unauthorized person, company or association.
- ⑥ Any Product which has the serial number defaced, altered or removed.
- ⑦ Any Product which has been adjusted, disassembled, altered or modified without Alpine's consent.
- ⑧ Any Product not distributed by Alpine within the United States, Puerto Rico or Canada.
- ⑨ **Any Product not purchased from an Authorized Alpine Dealer.**

### ●HOW TO OBTAIN WARRANTY SERVICE:

- ① You are responsible for delivery of the Product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the Product with a new or reconditioned product without charge. If the repairs are covered by this Limited Warranty, and if the Product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges. The repaired or replaced Product will continue to be covered under the original Limited Warranty period.
- ② You should provide a detailed description of the problem(s) for which service is required.
- ③ You must supply proof of your purchase of the Product.
- ④ You must package the Product securely to avoid damage during shipment. To prevent lost packages, it is recommended to use a carrier that provides a tracking service.

### ●HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON OR THIRD PARTY IS AUTHORIZED TO ADD TO, MODIFY, OR EXTEND THE TERMS OF THIS LIMITED WARRANTY AND/OR ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

### ●HOW WE EXCLUDE CERTAIN DAMAGES:

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ALPINE AND ITS PARENT COMPANY, AFFILIATES, AND SUBSIDIARIES EXPRESSLY DISCLAIM LIABILITY TO YOU UNDER ANY THEORY OF LIABILITY FOR ALL INCIDENTAL, INDIRECT DAMAGES, SPECIAL, PUNITIVE, AND CONSEQUENTIAL DAMAGES WHICH MAY BE INCURRED BY YOU IN RELATION TO THE PRODUCT. THE TERM INCIDENTAL DAMAGES INCLUDES, BUT IS NOT LIMITED TO, COSTS AND EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHER COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM CONSEQUENTIAL DAMAGES INCLUDES, BUT IS NOT LIMITED TO, THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY AND THE REMEDIES PROVIDED HEREUNDER ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE TOTAL LIABILITY OF ALPINE, ITS PARENT COMPANY, AFFILIATES, AND SUBSIDIARIES IN CONNECTION WITH THIS LIMITED WARRANTY AND/OR THE PRODUCT SHALL NOT EXCEED THE AMOUNT YOU ACTUALLY PAID FOR THE PRODUCT.

### ●HOW STATE/PROVINCIAL LAW RELATES TO THE LIMITED WARRANTY:

This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

If any of the terms of this Limited Warranty are held to be null, void, illegal or unenforceable for any reason, the remaining terms of this Limited Warranty will remain in full force and effect.

For warranty service in the Canadian market, contact:  
Phone: (905) 513-7733 Fax: (905) 513-7740  
Email: [info@gentec-intl.com](mailto:info@gentec-intl.com)  
Or visit our website at <http://www.alpine-canada.com>

### ●HOW TO CONTACT CUSTOMER SERVICE:

Should the Product require service, please call the following number for your nearest Authorized Alpine Service Center.

CUSTOMER SERVICE	1-800-421-2284, ext. 860304
TECH SUPPORT	1-800-TECH-101 (1-800-832-4101)

Or visit our website at <http://www.alpine-usa.com>

This Limited Warranty is provided by ALPS ALPINE NORTH AMERICA whose principal office is at 1500 Atlantic Blvd, Auburn Hills, MI 48326, U.S.A.

**Do not send Products to this address.**

Call the toll-free telephone number or visit the website to locate a service center.





# REGISTER YOUR PRODUCT

Register your Alpine product(s) to help us track your warranty and get access to exclusive content, giveaways and special offers.



## REGISTER ONLINE

Visit [alpineusa.link/register](http://alpineusa.link/register)



## TEXT TO REGISTER

Text **"ALPINE"** to **71739** (US Only)

One message per opt-in. Text **"HELP"** for help. Text **"STOP"** to cancel. Message and data rates may apply.  
See full privacy policy and SMS terms at [www.alpine-usa.com/terms-of-use](http://www.alpine-usa.com/terms-of-use)



## SCAN TO REGISTER

Scan the QR Code below using your phone or device



SCAN ME