



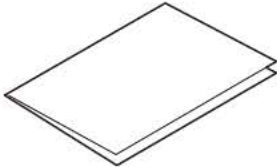
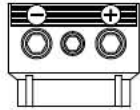




User Manual





10" ACTIVE SUBWOOFER BOX

PWE-SB10

<p>10" ACTIVE SUBWOOFER BOX</p>	<p>RCA Input line</p>
<div style="text-align: center;">  <p>x1</p> </div>	<div style="text-align: center;">  <p>x1</p> </div>
<p>High level Input line</p>	<p>Installation tape</p>
<div style="text-align: center;">  <p>x1</p> </div>	<div style="text-align: center;">  <p>x2</p> </div>
<p>User Manual</p>	<p>Terminal Block</p>
<div style="text-align: center;">  <p>x1</p> </div>	<div style="text-align: center;">  <p>x1</p> </div>
<p>Remote Control Cable(5m)</p>	<p>Remote Control</p>
<div style="text-align: center;">  <p>x1</p> </div>	<div style="text-align: center;">  <p>x1</p> </div>

OPERATING INSTRUCTIONS

Types Of Precautions

 Prohibited	Prohibited Actions (Not Allowed)
 Prohibited	Prohibit Disassembly
 forcibly	Mandatory Operations (Must be executed)
	Should draw your high attention.

Warning

Please stop using immediately when problems arise. 

Otherwise, it may cause personal injury or damage to this product. Please return the faulty product to an authorized Alpine dealer or nearby Alpine service center for repair.

The product is only suitable for vehicles with a 12V negative grounding. 


Otherwise, it may cause accidents such as fires.

Wiring and installation by professional personnel. 



The wiring and installation of this product require professional skills and experience. For safety reasons, please contact the dealer of the product you purchased for installation.

Do not disassemble or modify. 



Otherwise, it may cause accidents, fires, or electric shock.

Objects such as bolts or screws should be placed on a ground that is not easily accessible to children 

Swallowing small objects may cause serious injury. If swallowed by mistake, seek medical attention immediately.

Do not use any features that may distract you while driving.  

Any functions that affect your attention should only be used after the car has come to a complete stop. To use these functions, please park the car in a safe area first. Otherwise, it may lead to accidents.

The volume must be maintained at a level where external noise can still be heard while driving.  

It is very dangerous to not hear the sound of emergency vehicle alarms and road warning signals (such as train intersections) clearly, and it may lead to accidents. Additionally, excessive volume may also lead to hearing loss.

Attention

Product Cleaning 


Please use a dry soft cloth to regularly clean this product. If the dirt is difficult to remove, please only soak the soft cloth with water. Any other solvent may dissolve.

Temperature 

Before turning on the product, please ensure that the temperature in the car is between +60 ° C and -20 ° C.

Service 

If you encounter any problems, please do not repair them yourself. Please return the product to an authorized Alpine dealer or nearby Alpine service center for repair.

System Matching 

Do not connect both the low level and high level inputs. Choose one of the two connection methods.

Installation Location  

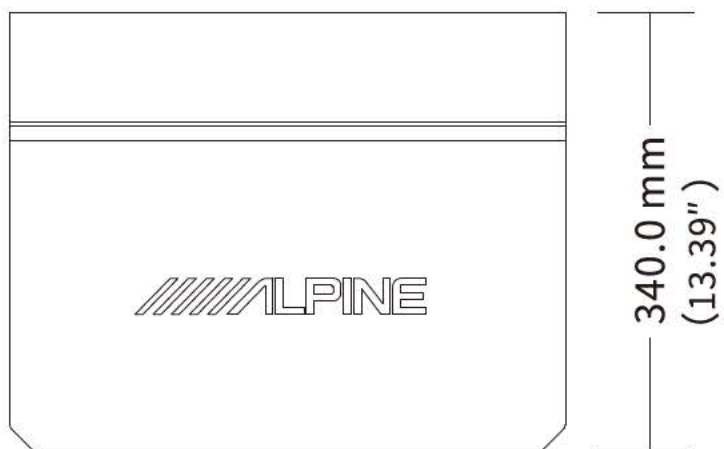
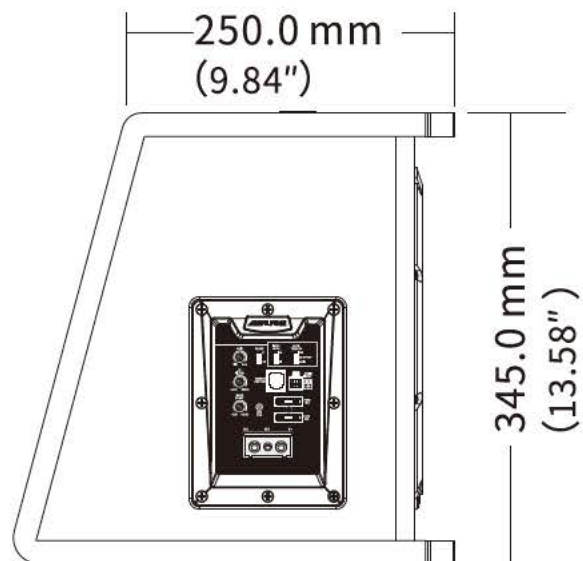
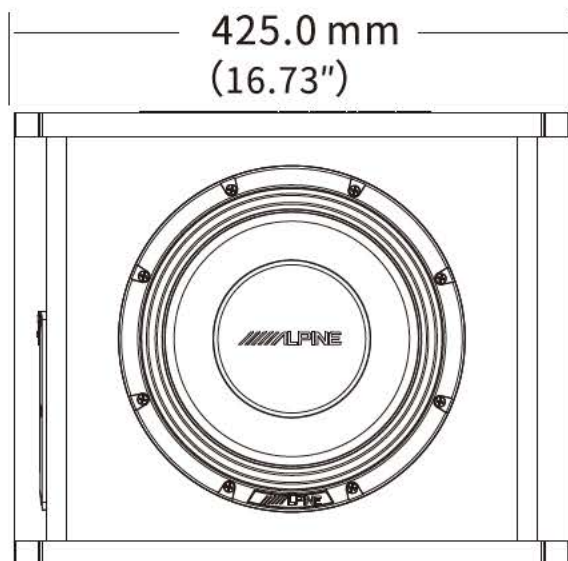
This machine cannot be installed in any of the following places:

- Near direct sunlight and heat sources
- Places with high humidity and near water sources
- Dusty places
- Places with severe vibrations

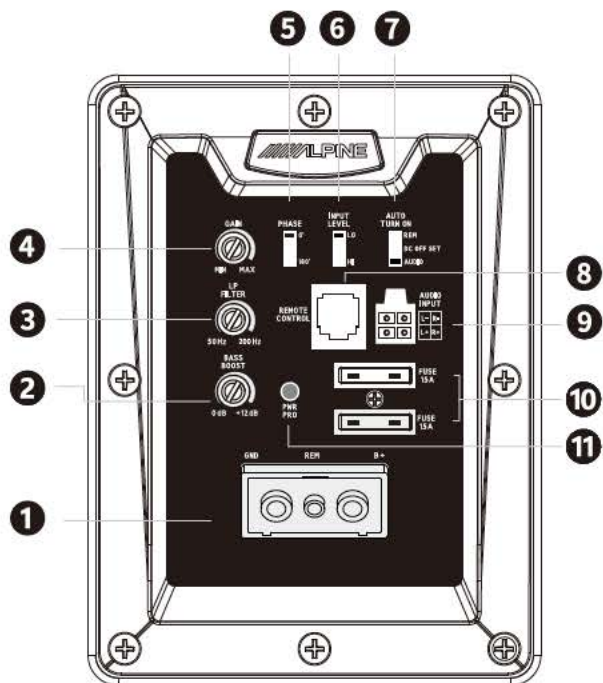
SPECIFICATIONS

1	Subwoofer	10", 0.3Ω
2	Maximum RMS Power	300W(Testing Voltage 14.4V)
3	Maximum Peak Power	450W(Testing Voltage 14.4V)
4	Signal- to-noise ratio	≥80dB
5	THD	≤5%
6	Frequency Response	20Hz - 200Hz
7	High level Input Sensitivity	0.4V
8	Low level Input Sensitivity	150mV
9	Power Demand	DC14.4V(10.5-16.8V) Negative grounded
10	Working Temperature	-20°C~60°C (-4°F~140°F)
11	Storage Temperature	-40°C~85°C (-40°F~185°F)
12	Fuse Rating	DUAL:15A
13	Dimensions	425mmx340mmx345mm (16.73"x13.39"x13.58")
14	Net Weight	13.8Kg (30.42 lbs)

PRODUCT SIZE



PANEL CONTROLS AND FEATURES



1 Power Connector

GND : Connect the battery negative pole or connect to the car chassis.

REM : Connect the remote cable of the other device for Auto turn-on an amplifier.

B+ : Connect the battery positive pole.

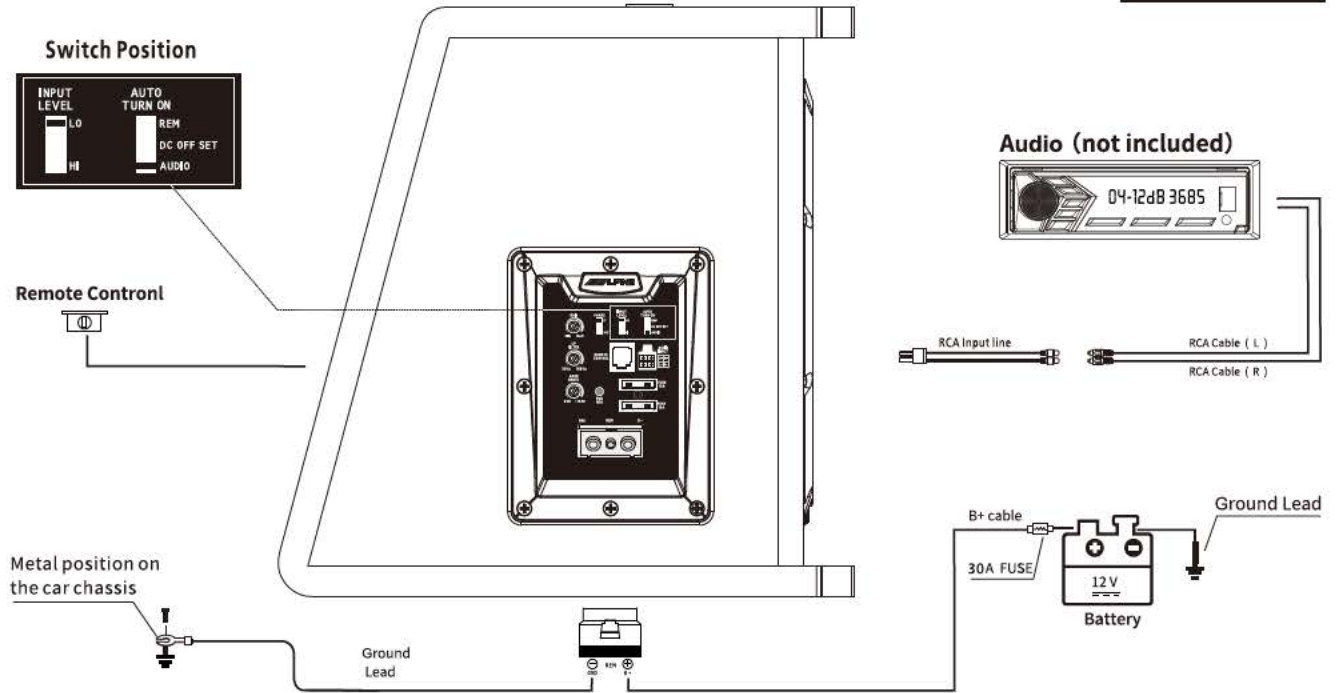
2	BASS BOOST	Adjustable Bass volume 0-12dB.
3	LP FILTER	Low Pass Filter : adjustable from 50Hz – 150Hz.
4	GAIN	Gain adjustment.
5	PHASE	Output phase switch (0° / 180°).
6	INPUT LEVEL	Selectable of input type (Low Level / Hi-Level).
7	AUTO TURN ON	Automatic turn on mode selectable. Refer to installation page.
8	REMOTE CONTROL	Connect with external remote sub volume control.
9	AUDIO INPUT	Connect with Audio input cable. Refer to installation page.
10	FUSE	Dual 15A Fuse.
11	PWR PRO	LED status : Power off (off) , Power on (Blue) , Protect mode (Red).

CONTROL SETTINGS SETUP

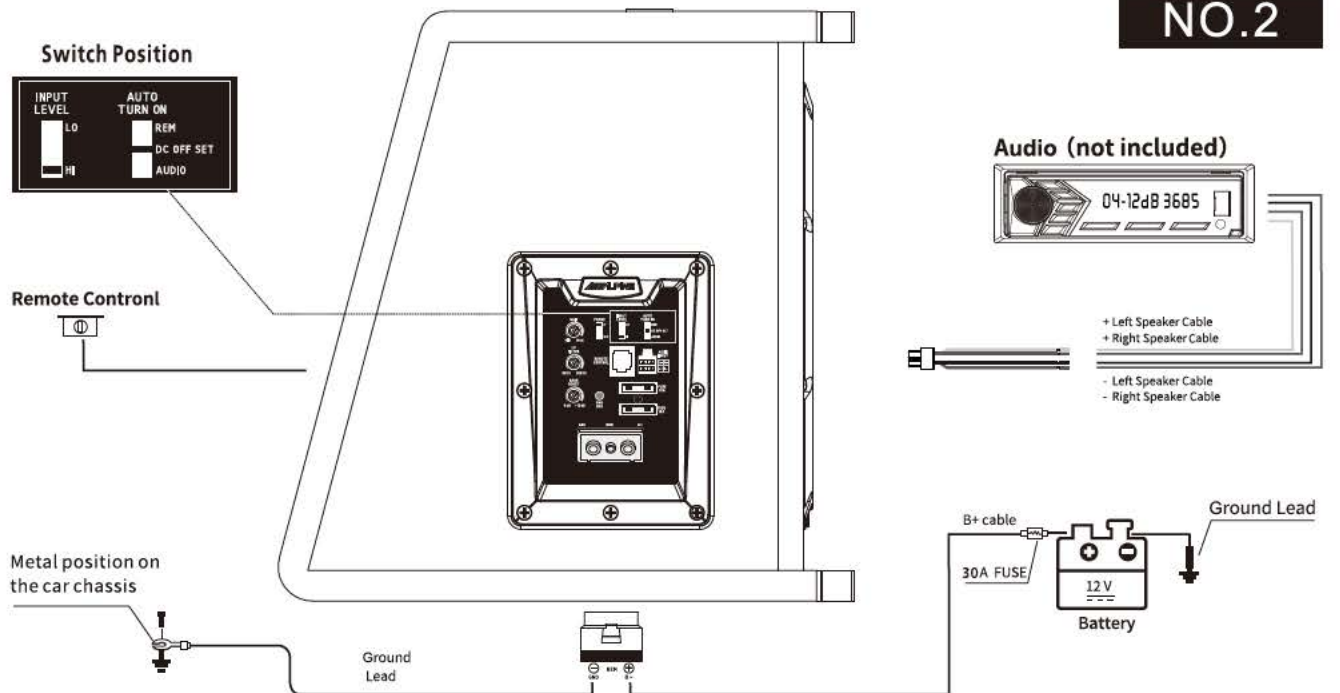
1	<p>Before starting the system, please check the position of various parameters on the machine function panel:</p> <p>②.Adjust to minimum ③.Adjust to minimum ④.Adjust to minimum ⑤.Adjust positive phase 0°</p>
2	<p>Set the volume of the host to moderate and use familiar live music for tuning.</p>
3	<p>Adjust Crossover Frequency ③ ,Use this control to adjust the crossover frequency between 50 to 150Hz.</p>
4	<p>If using remote control: make sure to rotate the knob fully clockwise before making the input gain adjustment. Set the GAIN on the host to its maximum state for subwoofer output. Subwoofer volume can be adjusted through the remote after completing the setup.</p>
5	<p>Gradually increase the main volume ④ , increase the system volume and balance the system sound.</p> <p>If the gain and host volume are set too high, it will cause distortion in the subwoofer. When continuing to adjust, confirm that other speakers are distorted. If all speakers are distorted, please lower the main volume of the system.</p>
6	<p>Set ② ③ ④ ⑥ to the appropriate position according to running requirements of the vehicle space.</p>

INSTALLATION

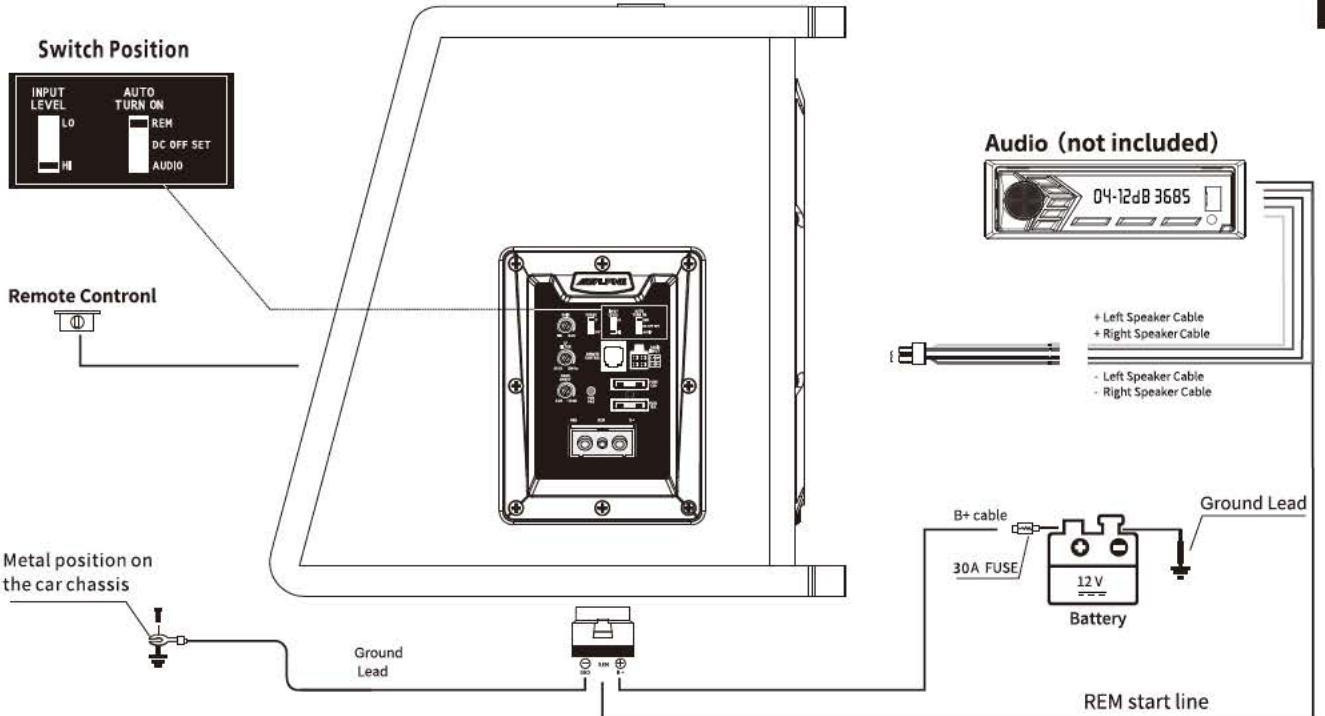
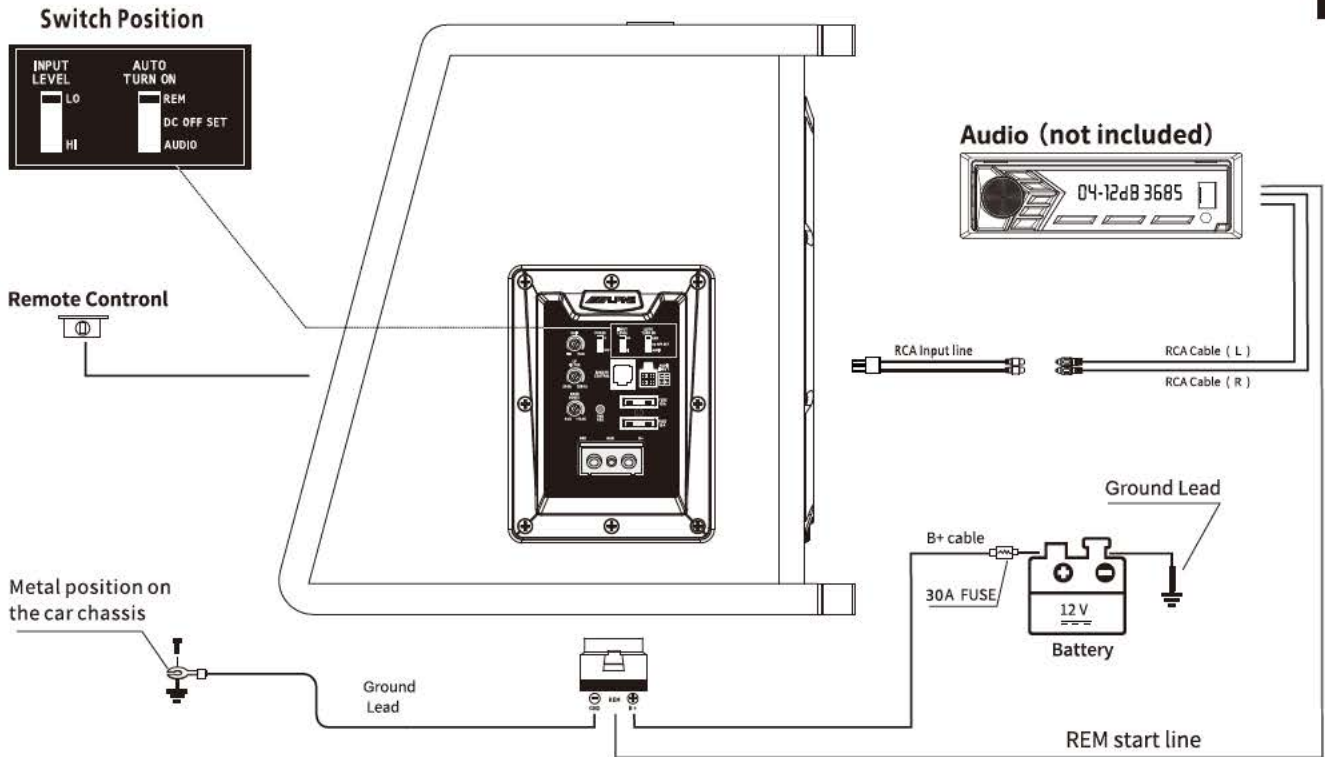
NO.1



NO.2



TYPE	Additional information
Ground Lead	Fixed on bare metal points on the car chassis
Power Cable	Directly connect to the positive pole of the car battery.



⊘ Please choose one of the four connection methods, they cannot be used at once. Not following the requirements may lead to fire, accidents, or electronic shock.

⊘ Do not install bolts or nuts (or other related systems), fuel tanks, or grounding connections to the brake or steering system. Connecting these parts may cause the car to lose control, catch fire, etc.