



VIVALDI
UNITED GROUP®

vivaldigroup.it

INSTALLATION AND OPERATION MANUAL

SUB6A - SUB10A

Amplified Power Subwoofer



Caution: Please read this manual carefully before operating

Damage caused by misuse is not covered by the warranty

SAFETY WARNINGS!

1. Read and keep these instructions.
2. Heed all warnings and follow all instructions.
3. Do not use this apparatus near water.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
6. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
8. Only use attachments/accessories specified by the manufacturer.
9. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.
13. Plug this apparatus to the proper wall outlet and make the plug to be disconnected readily operable.
14. Main plug is used as disconnected device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
15. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
16. An appliance with a protective earth terminal should be connected to a mains outlet with a protective earth connection.

WARNING!

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THE PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
TO PREVENT ELECTRICAL SHOCK,
MATCH WIDE BLADE PLUG TO WIDE SLOT, FULLY INSERT.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION


RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.




The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Safety Instructions



CAUTION
RISK OF SHOCK



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

WARNING

To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

- 1. Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
- 2. Retain Instructions** - The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
- 4. Follow Instructions** - All operating and use instructions should be followed.
- 5. Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 6. Water and Moisture** - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.
- 7. Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- 7 A.** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.



8. Ventilation - The appliance should be situated so its location does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.

9. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

12. Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. Cleaning - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

14. Power lines - An outdoor antenna should be located away from power lines.

15. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

16. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

17. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. The appliance has been dropped, or the enclosure damaged.

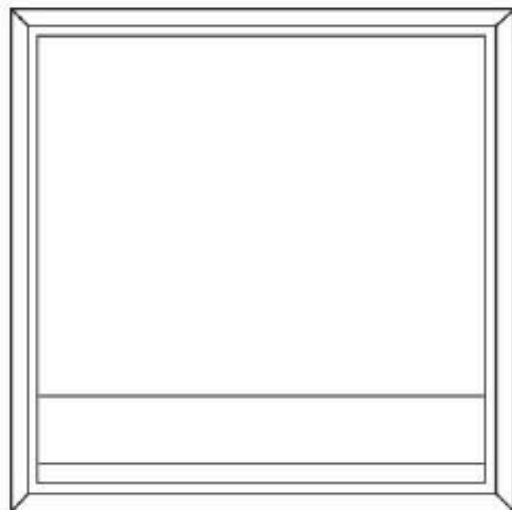
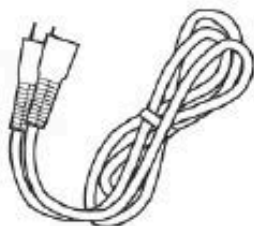
18. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Before Getting Started: Things to Consider

Safety

- 1. Power Source** - Operate only from a power source as directed on the unit or in the operating instructions.
- 2. Polarization** - If your unit is equipped with a polarized alternating current line plug (a plug having one blade wider than the other), this plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician to replace your obsolete outlet. Note: Do not defeat the safety purpose of the polarized plug by trying to grind the larger metal blade down till it fits in the outlet.
- 3. Cord Placement** - Do not allow anything to rest on, roll over, or pinch the power cord, and do not place the power cord where it is subject to traffic and abuse. This may result in an electrical shock or fire hazard.
- 4. AC Outlet** - Overloaded AC outlets and extension cords are dangerous as well as frayed cords and broken plugs. Avoid compounding these situations by plugging in more appliances to such outlets. Also, try to remove appliances with damaged cords or plugs before adding any more appliances to the area.
- 5. Nonuse Periods** - When the unit is not used, turn the power off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

ITEM:	QUANTITY:
SUB 10A	(1)
AC Power Cable	(1)
Instruction Manual	(1)



Getting Connected

Unpacking

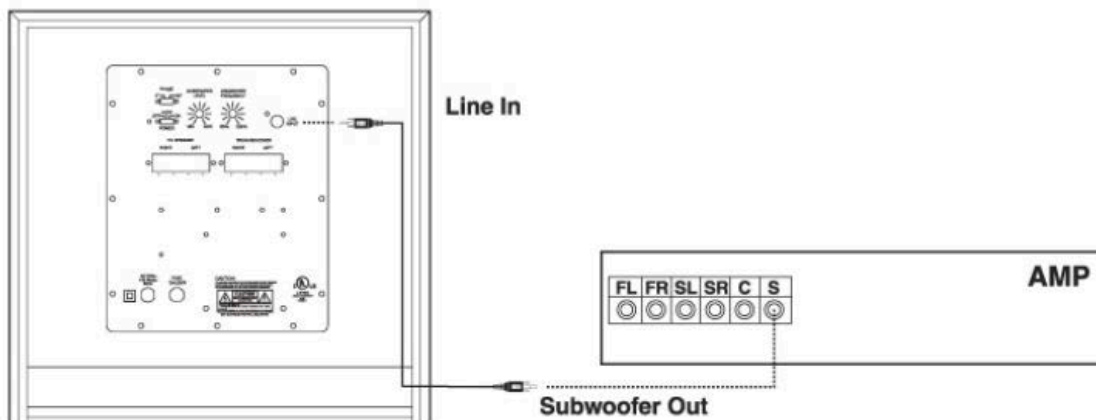
Prior to beginning the connection process, carefully remove the unit from its shipping box. It is recommended to reserve the original shipping material in the event that the unit needs re-shipping. Included in the box you will find the SUB 10A, this instruction manual and an AC power cord.

Subwoofer connections

There are a couple of methods for connecting your SUB 10A to your audio system. One method uses MDP speaker cables, the other method uses RCA interconnect cables. Looking at the rear panel of the SUB 10A, you will see two sets of MDP speaker terminals, one labeled 'HI-LEVEL IN', the other 'HI-LEVEL OUT', and one RCA jack labeled 'LINE IN'. The configuration of your existing system will determine how you will connect the SUB 10A.

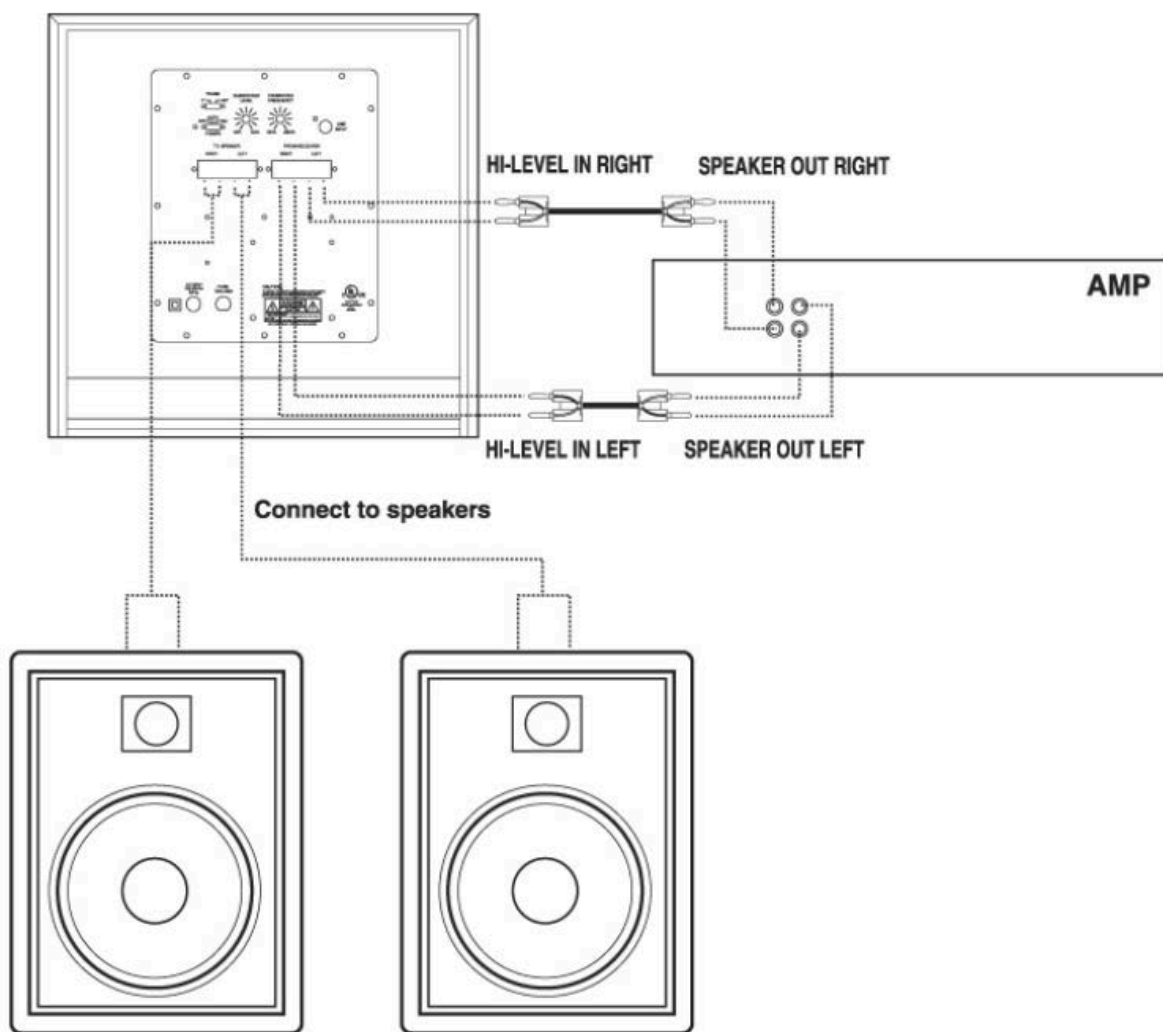
Connecting to a Dolby Digital or DTS system

All Dolby Digital and/or DTS processors have a subwoofer/LFE output. If you decide to use a subwoofer/LFE output connection (mono) to the SUB 10A, connect an RCA-plugged patch cable from the subwoofer/LFE output to either the "L" or "R" channels of the 'LINE IN' jacks (RCA) on the SUB 10A.

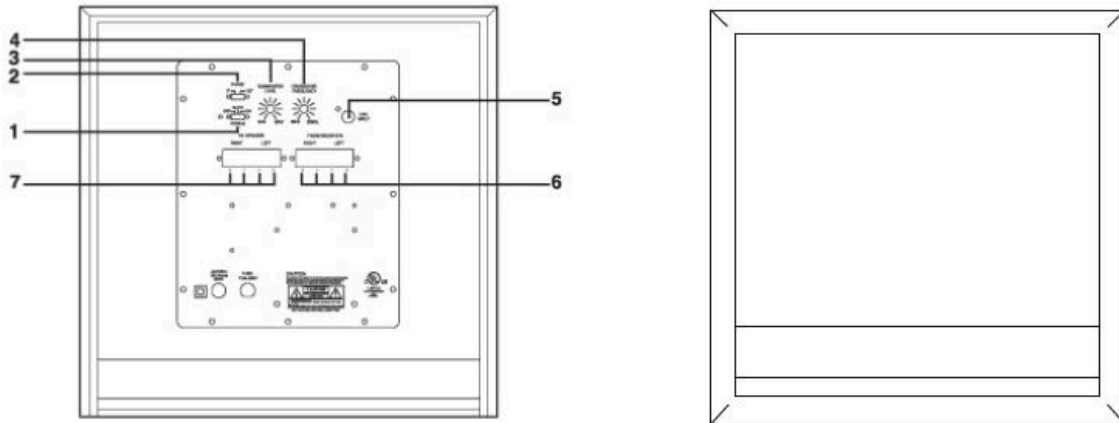


Connecting to an amplifier with no pre-amp outputs

If no low-level Pre-Amp outputs are available, you need to run speaker cables from your main amplifier to the SUB 10A. Run the main LEFT and RIGHT speaker cables to the SUB 10A HI-LEVEL IN binding posts. Be sure to double check that the polarity (-/+) on the receiver or amplifier matches the polarity on the binding posts of the SUB 10A. Also, make sure that the outputs on your main amplifier are true ground, otherwise you would short the output of your main amplifier. Call or email technical support if the outputs on your main amplifier do not have true ground.



Rear Panel Descriptions and Functions



1. POWER switch- The power switch has three positions: OFF-AUTO-ON. While the OFF and ON positions are self-explanatory, the AUTO position instructs the SUB 10A to remain in STANDBY mode until the unit receives an input signal.

NOTE: If the SUB 10A unit does not receive an input signal for approximately 10 minutes, it will switch to stand by mode until it receives a further signal.

2. PHASE SWITCH – This switch toggles the PHASE of the subwoofer with respect to the main speakers. If the subwoofer is out of phase with the main speakers, bass response is at a reduced performance level and may sound "weak". When all speakers are in phase, full-frequency response is at an optimal level.

3. LEVEL – This control adjusts the subwoofers MASTER output level. Turn clockwise to INCREASE and counter-clockwise to DECREASE level.

4. CROSSOVER – The CROSSOVER control adjusts the SUB 10A's low-pass frequency filtering for subwoofer output. Available low-pass settings are: 50 Hz, 80 Hz, 120 Hz and 200 Hz.

5. LINE IN jacks – This jack provide a LINE-LEVEL connection from external devices with line level RCA outputs.

6. HI-LEVEL IN jacks – These MDP binding posts are for direct connection of speakers or speaker output from an external amplifier.

NOTE: These inputs are typically used for connecting to a system that does not have "pre-out" or line level outputs available.

7. HI-LEVEL OUT jacks – These MDP binding posts are for direct connection to main system speakers.

SPECIFICATION SHEET

Model	SUB6A	SUB10A
Description	amplified power subwoofer	
Speaker type	elliptical 6x9" woofer	25cm (10") woofer
Nominal power	50W RMS - 100W musical	150W RMS - 300W musical
Dimensions (LxHxD)	250x340x300 mm	370x395x400 mm
Colour	black (SUB6AB) or white (SUB6AW)	black (SUB10AB) or white (SUB10AW)
Weight	4.3kg	4.9kg

SERVICE

Ensure the problem is not related to operator error, or system devices that are external to this unit. Information provided in the troubleshooting portion of this manual may help with this process. Once it is certain that the problem is related to the product contact your warranty provider as described in the warranty section of this manual.

WARRANTY

Warranty terms of global three years. While the term and warranty may vary by country and may not be the same for all products. Terms and conditions of warranty for a given product may be determined first by locating the appropriate country which the product was purchased in, then by locating the product type.



VIVALDI SRL by VIVALDI UNITED GROUP

Headquarter:

Via Enrico Fermi, 8
30020 Noventa di Piave (VE) - IT

Warehouse:

Via Edison, 4
30020 Noventa di Piave (VE) – IT

phone +39 0421.307825 - fax +39 0421.307845

e-mail info@vivaldigroup.it

web www.vivaldigroup.it

© 2019 Vivaldi Srl

Vivaldi srl ongoing effort to improve its products, reserves the right to make technical and aesthetic changes effectively without obligation to notice.

www.vivaldigroup.it