



Pronomic SA-15 SUB/SA-18 SUB 00057895/ 00057897

Active Subwoofer



Manual

Version 04/2019

# PRECAUTIONS

*Please read carefully before proceeding*

## **Warning:**

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from: electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

## **Power supply / power cord (devices with power cords/power supplies):**

- Only use the voltage specified as correct for the device. The required voltage is printed on the type plate of the device. Check the power cable from time to time regarding dirt, damage or other influence.
- Use only the included power cord/power supply or adaptor. Do not place the power chord near heat sources such as: heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms. When removing the electric plug from the device or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- To avoid generating unwanted noise, make sure there is adequate distance (50 cm or more) between the AC power adaptor and the device. Do not cover or wrap the AC power adaptor with a cloth or blanket.

## **Location:**

- When setting up the device, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet.

When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.

- Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.
- Do not expose the device to excessive dust or vibrations, or extreme cold or heat (such as: in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place the device in an unstable position where it might accidentally fall over.
- Do not block the vents. This device has ventilation holes at the bottom/rear to prevent the internal temperature from becoming too high. In particular, do not place the device on its side or upside down.
- Do not use the device in the vicinity of: a TV, radio, stereo equipment, mobile phone, or other electric devices. Doing so may result in noise, both in the device itself and in the TV or radio next to it.

## **Connections and handling:**

- Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

- Do not use the device or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors

**Do not open:**

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-servicable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified service personal.

**Water warning:**

- Do not expose the device to rain, use it near water or in damp or wet conditions on it containing liquids which might spill into any openings. Never insert or remove an electric plug with wet hands.

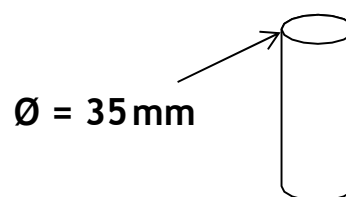
**If you notice any abnormality:**

- If the power cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the device, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified service personnel.

## Installation

### GETTING STARTED

Place the speaker on a solid flat surface or use a solid speaker stand with 35mm flange. Make sure that all fixings are tight.

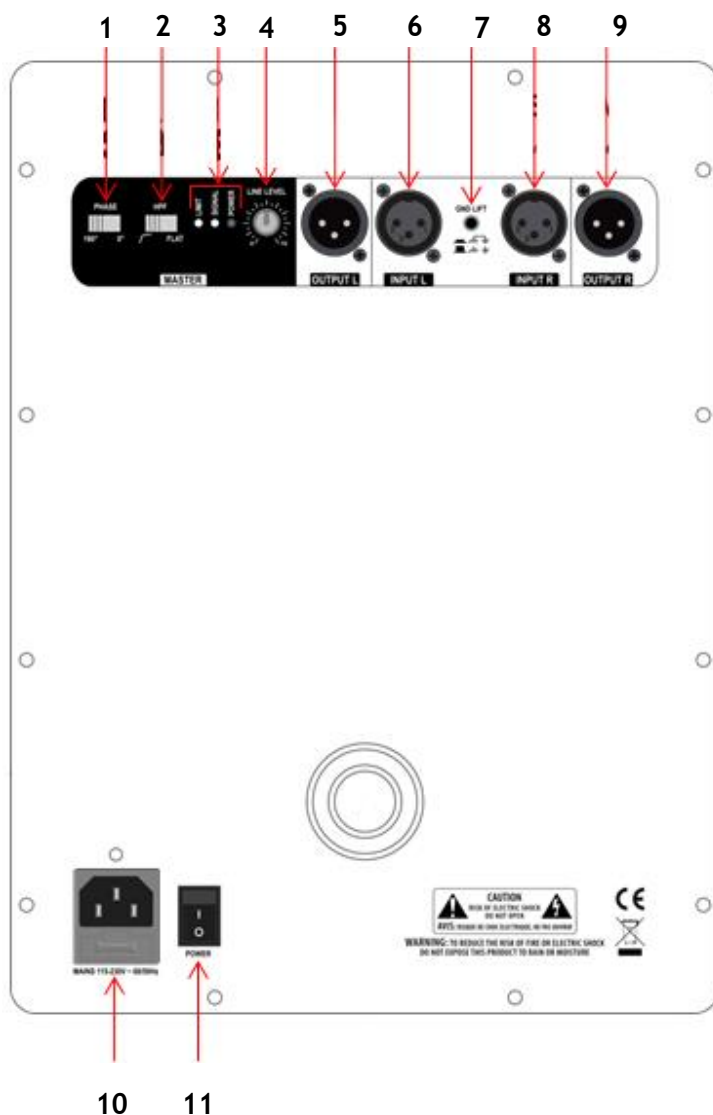


### Power connection and wiring

Please connect the power cable to 115/220(230)V 50/60Hz power voltage. Make sure to set the power input selector to the available net voltage. Connect all input/output signals with XLR and/or 6.3 mm jack cables.

After you finished all audio connections set master volume (if available) to “0”. Switch on audio source. Set Mic/Line level to 12 o'clock position and increase master volume to comfortable level.

# Control Panel



## 1 Phase switch

This switch reverses the polarity of the subwoofer.

## 2 Crossover switch

This switch activates the high pass filter for the outputs.

## 3 POWER LED SIGNAL LED LIMIT LED

## 4 Line level controll

Rotary level control: Attenuates the level of the signal sent to the subwoofer speaker.

## 5 Left output

Use this XLR connector for an external active speaker.

## 6 Left input

Use this XLR connector for an external mixer or source device.

## 7 GND LIFT

This switch lift the ground of the balanced audio inputs from the earth-ground of the amplifier.

## 8 Right input

Use this XLR connector for an external mixer or source device.

## 9 Right output

Use this XLR connector for an external active speaker.

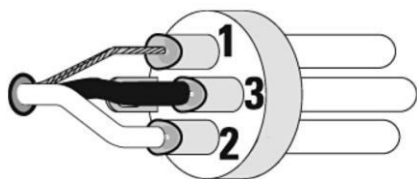
## 10 AC Power

Use this connector for the power cable.

## 11 ON/OFF Power Switch

Speaker is "ON" when the switch is in the "I" position, use this switch to set the speaker power to ON or OFF.

## XLR Wiring

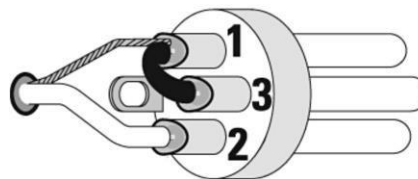


### Balanced Wiring

1 Ground/Shielding

3 Signal (-)

2 Signal (+)



### Unbalanced Wiring

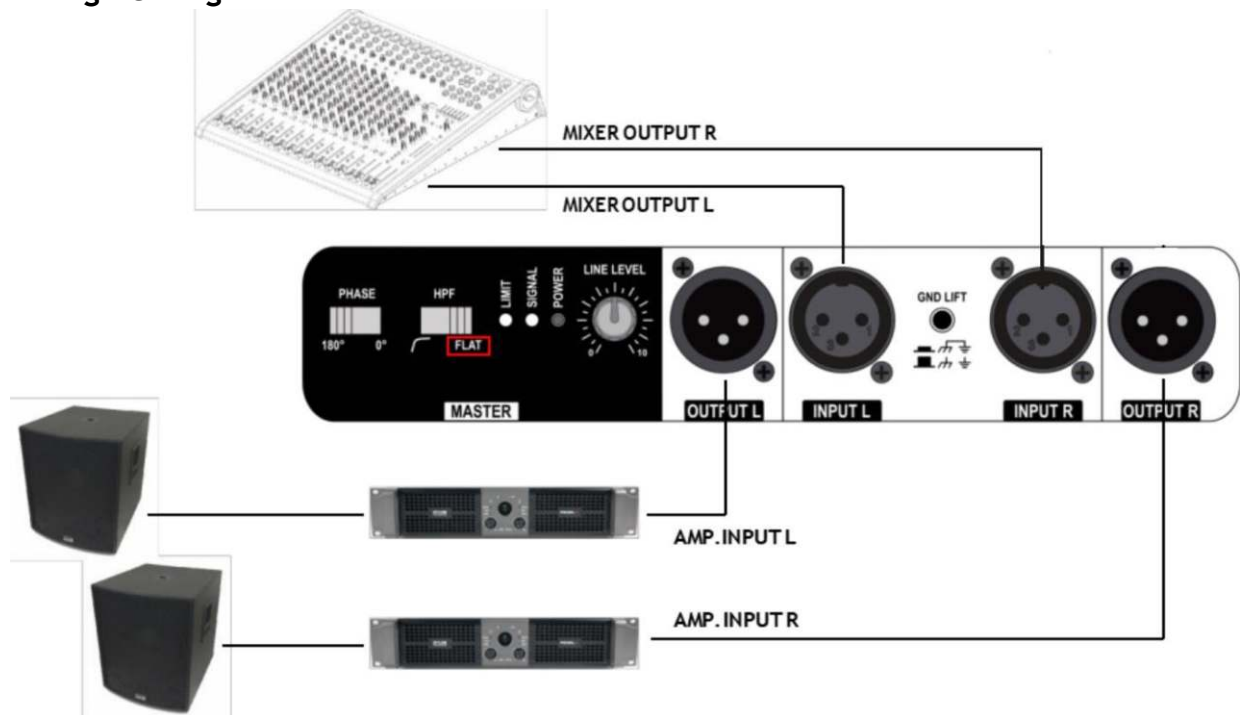
1 Ground/Shielding

3 Bridged to Pin 1

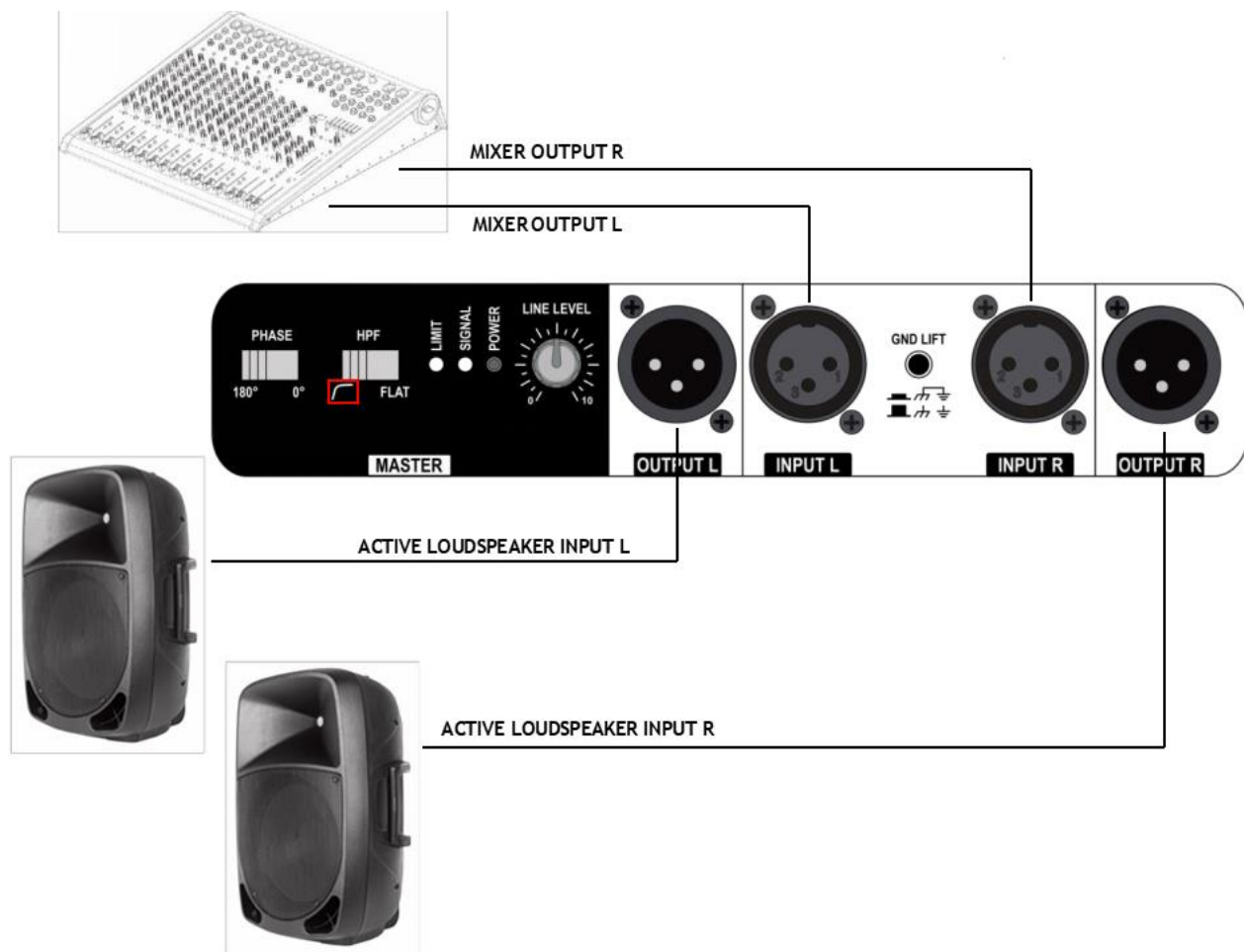
2 Signal (+)

# Examples of Use

## Fullrange Configuration



## High Pass Crossover Configuration



## Technical Specifications

| MODEL              | SA-15 SUB                | SA-18 SUB                |
|--------------------|--------------------------|--------------------------|
| System Type        | Vented Box Subwoofer     | Vented Box Subwoofer     |
| LF CONE            | 15"                      | 18"                      |
| LF VOICE COIL      | 2" VC                    | 2,5" VC                  |
| LINE INPUT         | 2 x XLR-F IN             | 2 x XLR-F IN             |
| LINE OUTPUT        | 2 x XLR-M OUT            | 2 x XLR-M OUT            |
| CROSSOVER OUTPUT   | FLAT or 100 Hz High-Pass | FLAT or 100 Hz High-Pass |
| AMP CLASS          | AB                       | AB                       |
| RMS POWER          | 300 W                    | 300 W                    |
| PEAK POWER         | 600 W                    | 600 W                    |
| SPEAKER IMPEDANCE  | 4Ω                       | 4Ω                       |
| FREQUENCY RESPONSE | 30Hz-120Hz               | 26Hz-120Hz               |
| PEAK SPL           | 124 dB                   | 126 dB                   |
| DIMENSIONS         | 37x57x30 cm (WxHxD)      | 44x62x42 cm (WxHxD)      |
| WEIGHT             | 22.5 Kg                  | 29 Kg                    |

## WEEE Declaration

Your product is designed and manufactured with materials and components of high quality, which are recyclable and can be reused. The symbol means that your product should be disposed of separately from household waste when it reaches its end of life. Please dispose of this equipment at your local collection point or recycling center. Please help to protect the world in which we all live.

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