00073546 Pronomic C-118SA Subwoofer, active
00093139 Pronomic C-115SA Subwoofer, active

Operating instructions

Revision: 11-2024

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Thank you for choosing this product.
To ensure that you are fully satisfied with this product, please read these operating instructions carefully before using our product. Keep these operating instructions in a safe place. The operating instructions must be passed on to all subsequent users.

Follow the operating instructions!

⚠ WARNUNG The signal word WARNING indicates hazards that can lead to serious injuries if no precautionary measures are taken.

⚠ HINWEIS The signal word NOTE indicates general precautions to be observed when handling the product.

⚠ HINWEIS Images and screen representations in these operating instructions may differ slightly from the appearance of the actual product, as long as this does not have a negative impact on the technical characteristics and safety of the product.

⚠ HINWEIS All person-related formulations in these operating instructions are to be regarded as gender-neutral.

These operating instructions apply to persons who have been supervised or instructed in the operation of the appliance by a person responsible for their safety and who have demonstrated their ability to handle the appliance.

⚠ WARNUNG **Children should be supervised to ensure that they do not play with the appliance. Do not leave children unattended.**

All information in these operating instructions has been checked to the best of our knowledge and belief. However, neither the author nor the publisher can be held liable for any damage in connection with the use of these operating instructions.

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Safety precautions

⚠ WARNUNG Always place the appliance securely on a level surface to avoid injury from the appliance falling over.

⚠ WARNUNG Do not place any devices that can heat up (e.g. lighting equipment or fog machines) on the housing.

Do not clean the plastic housing with solvents or other chemical-based cleaning agents.

Keep the unit away from rain and moisture.

Damage caused by non-compliance with this user manual is not covered by the warranty. The dealer accepts no liability for any resulting defects or problems.

Additional precautions

⚠ WARNUNG Never touch the mains cable or the unit when it is wet, as this may cause an electronic shock.

⚠ WARNUNG The fuse may only be replaced by trained personnel. The unit must be disconnected from the mains beforehand.

The unit is only intended for use in dry conditions.

Handle the mains cable and all connections to the mains with special care.

Before connecting, make sure that the mains cable is in perfect condition.

Only touch the mains cable by the plug.

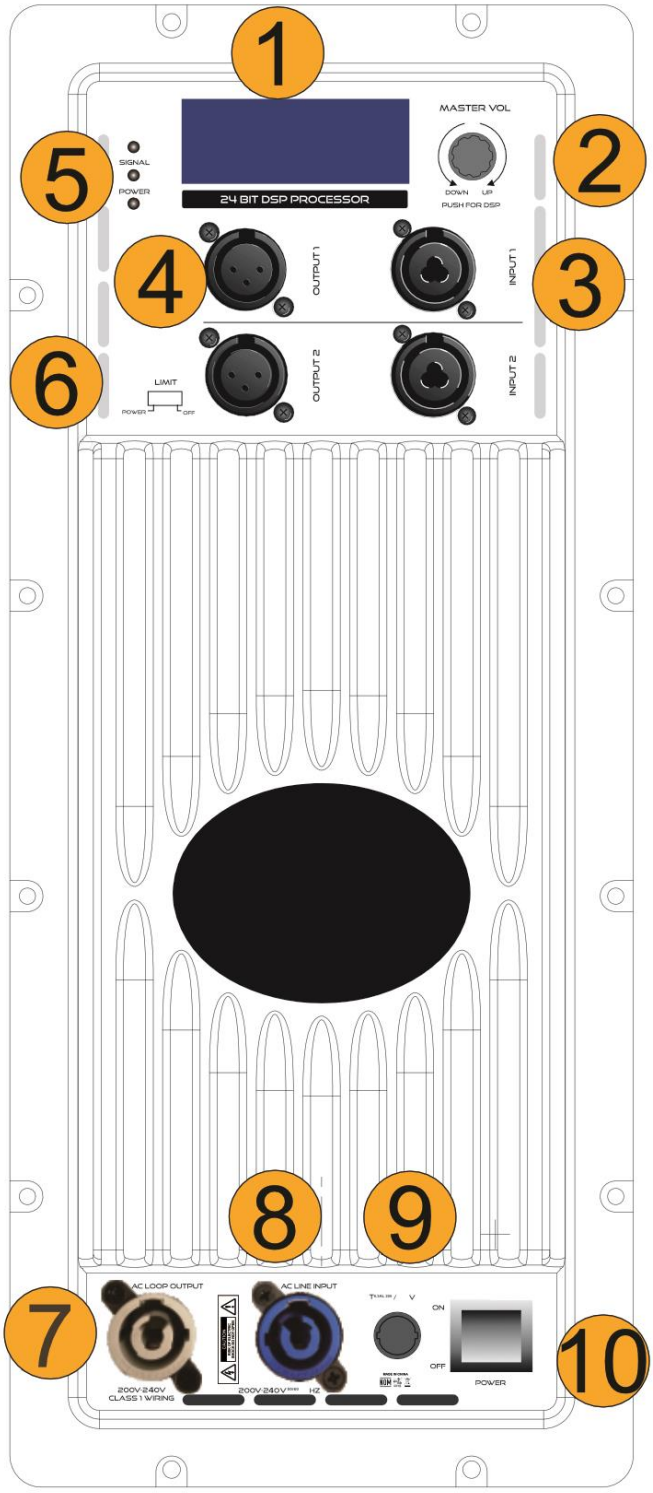
Always plug in the mains plug last. Plugging in must be done without using force.

Before switching on, make sure that the mains plug is firmly connected to the socket.

Avoid contact of the mains cable with other cables.

Only use fuses with the same rating. The correct fuse rating is indicated on the back of the unit.

Connections and functions



Connections and functions

1. **LCD display**: Display for DSP control and general display
2. **Volume control**: Controls the overall volume level

   DSP: Scroll through the menu and select the available choices. Press the Master VOL button to enter the DSP menu
3. **Input**: Balanced input for connecting signal sources such as mixers, feeds, etc. The connection can be made via a 6.3mm jack plug or XLR plug
4. **Output**: XLR output sends the input signal to another speaker or subwoofer
5. **Limiter:**

   (1) **Limit**: When the audio signal reaches the threshold that is dangerous for the transducers, this circuit automatically intervenes by reducing the signal strength to protect the speaker and to prevent distortion

   (2) **Signal**: LED signal to indicate the input signal

   (3) **Power**: LED signal to indicate mains voltage
6. **LED switch**: With this switch you can change the display option of the LED on the front. If you switch it to the "Power" position, the light is constantly blue, if you switch it to the "Limit" position, the light is red when the Input signal is too high. To switch off the LED, please switch it to the "Off" position
7. **AC Loop Output**: 100-127V 50/60Hz Max 7A is used to connect to a second subwoofer or external speaker to power 2 systems with one mains cable
8. **AC Line Input**: Used to connect to power sockets to supply power to the system
9. **Fuse holder**: Used to hold the fuse, which is a safety device that protects the AC power supply circuit of the unit.

   If the fuse is blown, it should be replaced with the same type with the same specification by trained personnel
10. Power switch: This power switch turns the system on or off. Please set the volume level to the lowest value before switching on the power switch

DSP setting

Mode	Live
	Music
	DJ
	C-Series
Low Pass	OFF
	80 Hz
	100 Hz
	120 Hz
	150 Hz
Delay	OFF
	0-30ms

DSP Menu
The integrated DSP menu is used for individual sound configuration of the subwoofer in order to be able to use it perfectly in different locations with different setups.
Available options for this selection are: Live, Music, DJ and C-Series.

- Live: Very linear with very low cut-off frequency
- Music: Slight bass boost at 50 Hz
- DJ: Stronger bass boost at 50 Hz
- C-Series: Tuned filters for Pronomic C-Series speakers with low pass at 150 Hz

Low Pass Menu
The additionally adjustable Low Pass is used to select the low pass frequency for correct summing with a full range speaker. Available options for this selection are: 80Hz, 100 Hz, 120 Hz, 150 Hz.
Make sure that the Low Pass is set to "OFF" if you want to use the C-Series DSP setup.

Delay:
Sets the delay time. This is used to compensate for the distance between speakers.

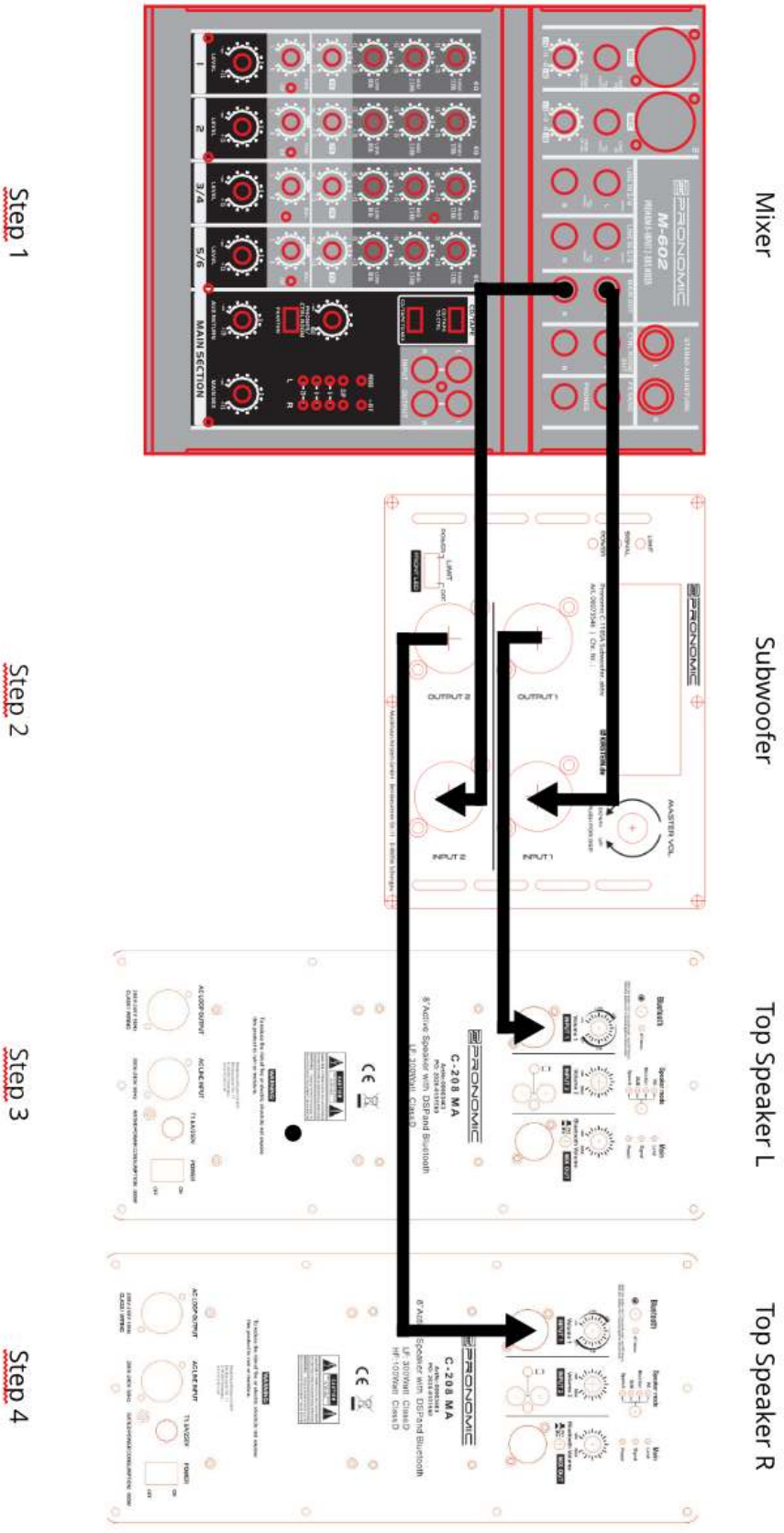
Polarity:
Polarity is used to compensate for time shifts in speaker setups whose individual components (speaker cones) are not on the same axis. Room-related acoustic cancellations can also be corrected.

If there is too little bass in the auditory impression, this can be corrected by changing the polarity.

An exact correction of the phase position can only be achieved with the aid of suitable measuring instruments.

The polarity can be reversed in the menu

The correct cabling



The correct cabling

⚠ HINWEIS

First of all, connect the line outputs L and R of your mixer (step 1) to the line inputs 1 and 2 of the subwoofer (step 2).
Then connect the line outputs of the subwoofer (step 2) to the line inputs of your top speakers (steps 3 and 4).

Technical specifications

Modell	C-118SA	C-115SA
Typ	Aktiver SUB Lautsprecher	Aktiver SUB Lautsprecher
Frequenzbereich	30 Hz – 200 Hz	30 Hz – 200 Hz
Sensitivität (1m/1w)	96,5 dB	96,5 dB
Impedanz	4 Ω	4 Ω
Woofer	18" 75 mm 80 OZ	15“ 75 mm 80 OZ
SPL	126 dB	124 dB
DSP	48 KHz Sampling-Frequenz 24 Bit	48 KHz Sampling-Frequenz 24 Bit
Verstärker Typ	Class D	Class D
Leistung RMS	800 Watt	800 Watt
Leistung PEAK	1600 Watt	1600 Watt
Trenn-Frequenz	Einstellbar siehe Seite 6	Einstellbar siehe Seite 6
Maße	625x755x655 mm	535X645X590
Gewicht	41 kg	35 kg
Main Voltage	200-240V	200-240V
Sicherung	6.3A, 500 Volt	6.3A, 500 Volt

WEEE Declaration
(Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured using high quality materials and components that are recyclable and reusable. The symbol means that your product must be disposed of separately from household waste at the end of its life. Dispose of this appliance at your local collection point or recycling centre.

Please help protect the environment in which we all live.

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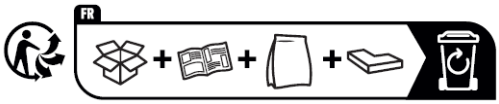
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