Active Speaker Pronomic C-Series

Operating Manual

Revision: *-11-2024

00063463 Pronomic C-208
00063464 Pronomic C-210
00063465 Pronomic C-212
00063466 Pronomic C-215

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Contents

Technical Data **3**
Product Description **4**
IMPORTANT SAFETY SYMBOLS 7
Power Supply 8
SAFETY 8
Connections 9
Installation and Operation **9**
CLEANING & MAINTENANCE **9**
SIMPLIFIED EU DECLARATION OF CONFORMITY **10**
WEEE Declaration (Waste of Electrical and Electronic Equipment) **10**

Thank you for purchasing this product. To ensure you will be completely satisfied with this product, read and understand this manual carefully before use. Keep the manual in a safe place. The Operating Manual must be passed on to all subsequent users.

Follow the Operating Manual!

⚠ WARNING — The signal word WARNING identifies hazards, which can result without precautions in serious injury.

⚠ NOTE — The signal word NOTE indicates general precautions, which should be observed in handling the product.

⚠ NOTE — Images used in this manual may differ slightly from the actual product, as long as it has no adverse effect on the properties and safety of the product.

⚠ NOTE — All personal formulations in these instructions are to be considered gender neutral.

These operating instructions apply to persons who have been supervised or instructed in the operation of the unit by a person responsible for their safety and who have proven to be able to handle the unit.

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

All information contained in this Operating Manual is accurate to the best of our knowledge and belief. Neither the author nor the publisher, however, can be held liable for damages or losses that arise in connection with the use of this Operating Manual.

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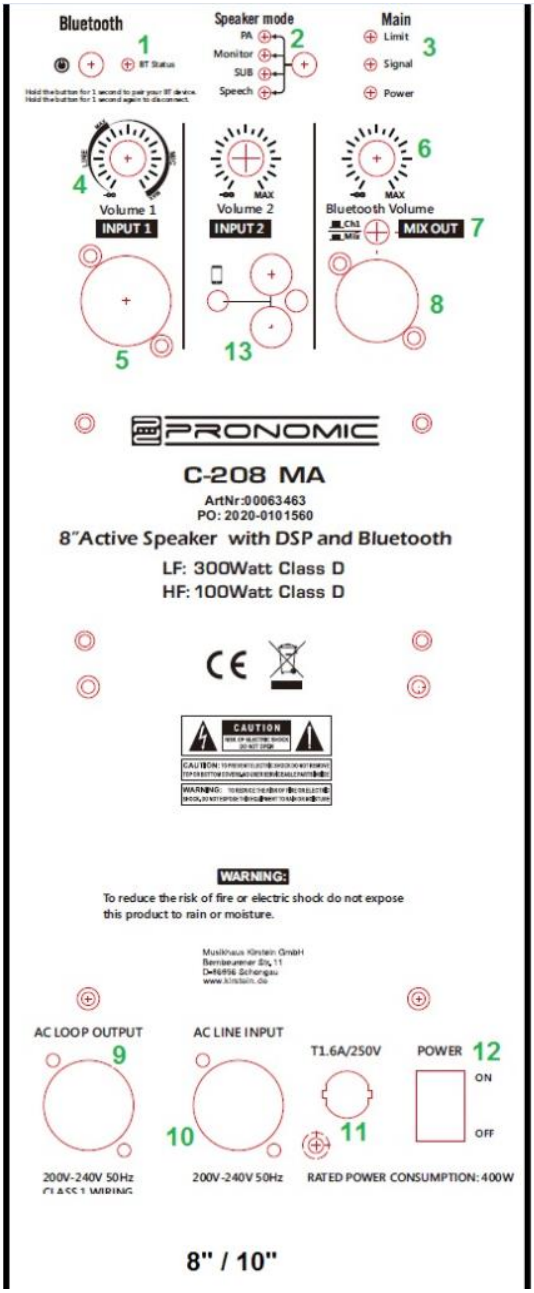
Technical Data

Model	**Pronomic C-208 MA, 8"**	**Pronomic C-210 MA, 10"**
Type	two Way BiAmp	two Way BiAmp
Frequency Response	70Hz-20KHz	65Hz-20KHz
Sensitivity (1m/1w)	91dB	92dB
Impedance	4Ω	4Ω
Woofer	1x8" 38mm 35OZ	1x10" 50mm 40OZ
Driver	1" Exit-1.0" Compression Drive	1" Exit-1.0" Compression Drive
SPL	117dB	118dB
DSP	48KHz Sampling frequency 24Bit	48KHz Sampling frequency 24Bit
Bluetooth Module	Yes	Yes
Bluetooth Frequency	2401.418 - 2480.498 MHz	2401.418 - 2480.498 MHz
Max. Transmission Power (Bluetooth)	1mW / 0dBm	1mW / 0dBm
Amp Type	Class D	Class D
Amp Power	LF175W+HF75W RMS	LF175W+HF75W RMS
Peak Power	LF 350W+HF 150W	LF 350W+HF150W
THD	<= 0.05%	<= 0.05%
Crossover	2.3KHz	2.3KHz
Dimension(WxHxD)	29 x 47 x 26,5 cm	34 x 53,5 x 32 cm
Weight	11,3kg	14,8 kg

Model	**Pronomic C-212 MA, 12"**	**Pronomic C-215 MA, 15"**
Type	two Way BiAmp	two Way BiAmp
Frequency Response	60Hz-20KHz	55Hz-20KHz
Sensitivity(1m/1w)	93dB	93dB
Impedance	4**Ω**	4**Ω**
Woofer	1x12" 65mm 50OZ	1x15" 75mm 60OZ
Driver	1.75"Titanium	1.75"Titanium
SPL	122dB	123dB
DSP	48KHz Sampling frequency 24Bit	48KHz Sampling frequency 24Bit
Bluetooth Module	Yes	Yes
Bluetooth Frequency	2401.418 - 2480.498 MHz	2401.418 - 2480.498 MHz
Max. Transmission Power (Bluetooth)	1mW / 0dBm	1mW / 0dBm
Amp Type	HF = Class AB, LF = Class D	HF = Class AB, LF = Class D
Amp Power	LF400W+HF100W RMS	LF400W+HF100W RMS
Peak Power	LF800W+HF200W	LF800W+HF200W
THD	<= 0.05%	<= 0.05%
Crossover	2.3KHz	1.9KHz
Dimension(WxHxD)	37,5 x 59,5 x 36,5 cm	45 x 69,5 x 39 cm
Weight	19,5 kg	25,2 kg

Product Description



1. *BLUETOOTH: Connecting your Bluetooth device with this speaker*

A. If loudspeaker is powered on, press the pair button for two seconds. The LED starts blinking and the devices is searching for other BT-devices nearby.

B. Enable the Bluetooth function in your BT-devices (e.g. smartphone) and select **"MIXER-01"** when this is indicated in your display**.** When paired successfully, the BT- LED on the Speaker panel is constantly on.

C. Turn your Bluetooth device's volume to its lowest level.

D. Then start playing a song on your smartphone. It´s recommended to set the Bluetooth device's volume now at its maximum.

E. Once your device is paired to the C-Series speaker, the speaker will automatically remember the device for the next session. To re-connect it, go to your Bluetooth settings and select "Connect ", to re-establish the connection.

F. When you press the pair button for 2-3 seconds, the devices are disconnected and the Bluetooth connecting is terminated.

2. *SPEAKER MODE:*

PA: This is the default setting for the Pronomic C-series. Use this setting when your loudspeaker is being used on a speaker stand and facing towards your audience.

Monitor: Use this setting when your loudspeaker is being used as a stage monitor facing towards you or the stage.

SUB: This mode "cuts" off the lower frequencies of the loudspeaker to match properly with an externally connected subwoofer.

Speech: Use this setting when your loudspeaker is being used for Speech only or Spoken Word applications and the device is facing towards the audience.

3. ***Main (LED-indicators)***

LIMIT (Automatic amplitude limiter):

When the audio signal reaches a dangerous threshold for the transducers, this circuit will automatically intervene by reducing the amount of signal in order to protect the speaker and to avoid distortion. If this safety function is active, the indicator lamp will flash.

SIGNAL: This LED indicates if a signal is received from the Combo /XLR input Socket

POWER: LED signal to indicates, that the active speaker is switched on.

4. ***INPUT LEVEL:*** Rotary Button for adjusting the level of each input.

The left area (from - ∞ to Line Max) controls the Line -In volume. The area on the right regulates the microphone level. For the 12 "and 15" versions, the 2 Input channels can be controlled by 2 separate rotary knobs.

5. ***INPUT:***

Balanced input for the connection of signal sources like mixing consoles, instruments, or microphones. Connections can be established using 6,3mm jack plug or XLR connectors.

6. ***BLUETOOTH VOLUME:***

Turn this rotary knob to adjust the input volume of your paired Bluetooth device.

7. ***MIX OUT SELECTOR:***

When the (Mix) button is pressed, the set levels of Volume 1, Volume 2 and Bluetooth Volume will be sent to the Mix-Out socket. If the (CH1) key is not pressed, only the input signal from input 1 (regardless of volume control 1) is passed on directly to the mix-out socket.

8. ***MIX OUT:***

The signals (see point 7) can be forwarded to an external loudspeaker or subwoofer via this XLR output. The DSP does not affect the output level.

9. ***AC LOOP OUTPUT:***

200-240V 50/60Hz Max 7A.

10. ***AC LINE INPUT (Power supply):***

Connect the included power cord to the AC input plug.

11. *FUSE holder*

The fuse holder is containing a fuse, which protects the AC supplies circuit of the unit.
Caution: if the fuse blew out, it should be replaced with the same type and specification. If the fuse continues to blow out, please stop replacing it and refer servicing to qualified person (electrician)

12. *POWER SWITCH:*

This switch turns on the system. It's recommended to adjust the volume level to the lowest setting before turning on the power switch.

13. *AUX / Chinch Input*

For connecting a CD-Player, Smartphone, Mixer signal by cable to the active speaker.

IMPORTANT SAFETY SYMBOLS

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
	The symbol is used to indicate that some life-endangering parts are built in this device. Even normal operating conditions may be sufficient to constitute the risk of electric shock or death.
	The symbol is used in the service documentation to indicate that for safety reasons specific components shall only be replaced by the component specified in that documentation.
	Protective grounding conductor is built-in
	Alternating current/voltage. (AC)
	life-endangering parts
ON:	Indicates that the device is turned on.
OFF:	Indicates that the device is turned off.

Power Supply

Only use the Power supply cable, which is delivered with the goods.
By using other voltages than specified, the equipment can be irreparably damaged.
The equipment must be directly connected to the mains. No dimmer or adjustable power supply may be used.

SAFETY

⚠ WARNING **Before fitting or removing the unit, ensure that the power cord is disconnected from the mains.**

⚠ WARNING **Make sure that the unit is positioned in a way that no one can stumble over the power cord.**

Danger of Hearing damage

This speaker component easily is generating high sound pressure levels (SPL) sufficient to cause permanent hearing damage to performers, production crew and audience members. Avoid prolonged exposure to SPL in excess of 85 dB;

Water & Moisture

To protect against electrical shock, do not immerse cord, plug or any part of this unit in water or other liquids;

Heat

The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.

Ventilation

Do not block areas of ventilation opening. Violation might result in fire. Always install in accordance with the manufacturer's instructions.

Power Cord and Plug

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

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, refer to electrician for replacement.

Fuse

To prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as described in the manual. Before replacing the fuse, make sure the unit is switched off and disconnected from the AC outlet.

Electrical Connection

Improper electrical wiring may invalidate the product's warranty.

Connections

Before using the unit for the first time, ensure that your mains voltage corresponds to voltage indicated on the unit

Installation and Operation

⚠ WARNING **Disconnect the device from the power supply before installation and/or removal**

CLEANING & MAINTENANCE

⚠ WARNING **Never immerse the device in liquids.**

Clean only with a dry cloth. Do not clean the plastic parts or surface enclosure with solvents or petrochemical based cleaners.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Herewith Musikhaus Kirstein GmbH declares that the device/radio units

[Pronomic C-208 MA]

[Pronomic C-210 MA]

[Pronomic C-212 MA]

[Pronomic C-215 MA]

are in compliance with the EU directive 2014/53/EU. You can download the full CE declaration of conformity for this item under download link:

http://www.kirstein.de/docs/Konformitaetserklaerung/CE_Konformitaetserklaerung_00063463.pdf

WEEE Declaration
(Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured using quality materials and components that are recyclable and reusable. The symbol means that your product must be disposed separately from household waste at the end of its service life.

Dispose of this equipment at your local collection point or recycling center.

Please help to protect the environment in which we all live.

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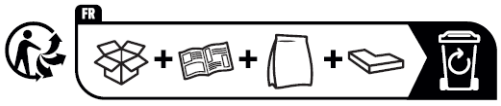
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