KIRSTEIN.de

We love music!

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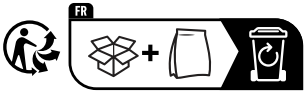
PRONOMIC

excellent sound

- Sauerstofffreies Kupfer
- Hochdichter Kupferschirm
- Hochflexibler und robuster Außenmantel
- Handgelötet
- Säure- und ölfest
- Spannzangen und Zugentlastung
- Niedrige Leiterkapazität
- 3 Jahre Garantie

- Oxygen free copper
- High density copper shield
- Highly flexible and durable
- Soldered by hand
- Acid and oil proof
- Chuck type strain relief
- Low capacitance
- 3 years warranty



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.

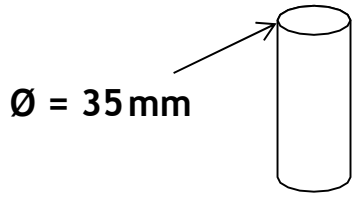
Water warning:
• Do not expose the device to rain, use it near water or in damp or wet conditions on it containing liquids which might spill into any openings. Never insert or remove an electric plug with wet hands.

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

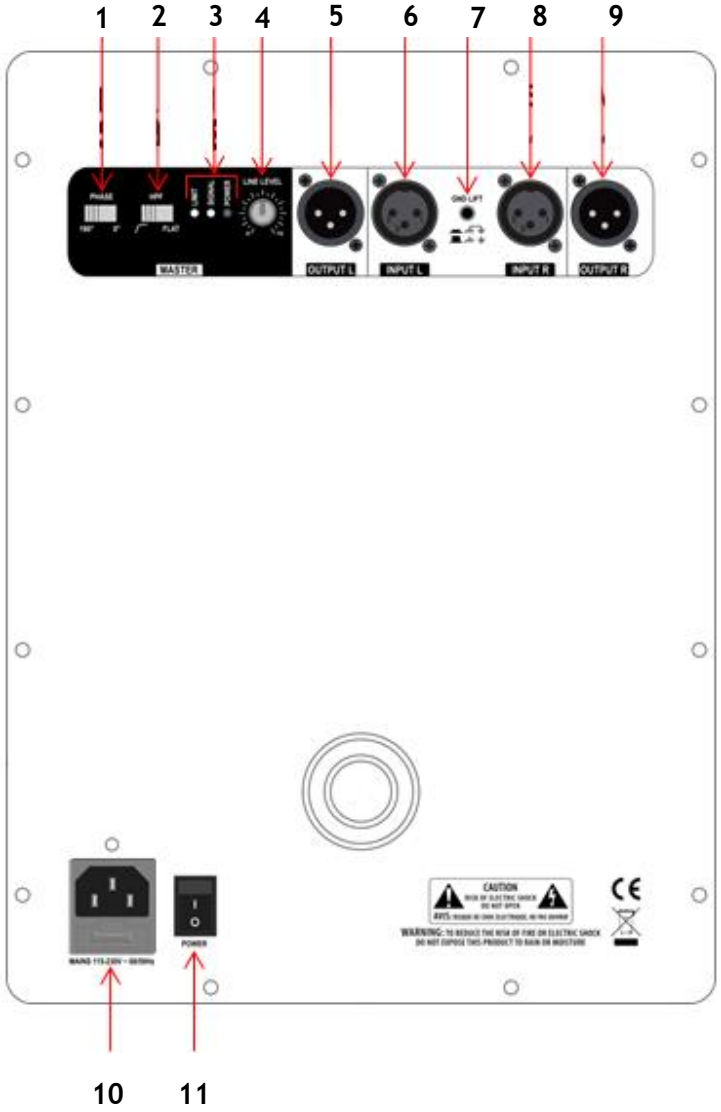
Place the speaker on a solid flat surface or use a solid speaker stand with 35mm flange. Make sure that all fixings are tight.



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 sub-woofer.

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.

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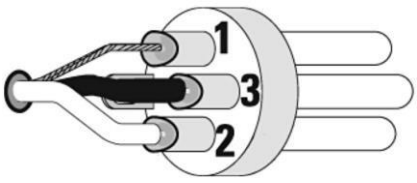
XLR Wiring

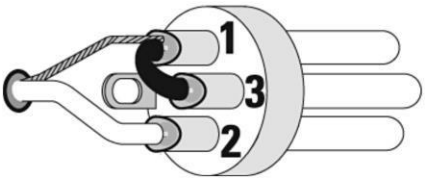


Balanced Wiring

1 Ground/Shielding

3 Signal (-)

2 Signal (+)



Unbalanced Wiring

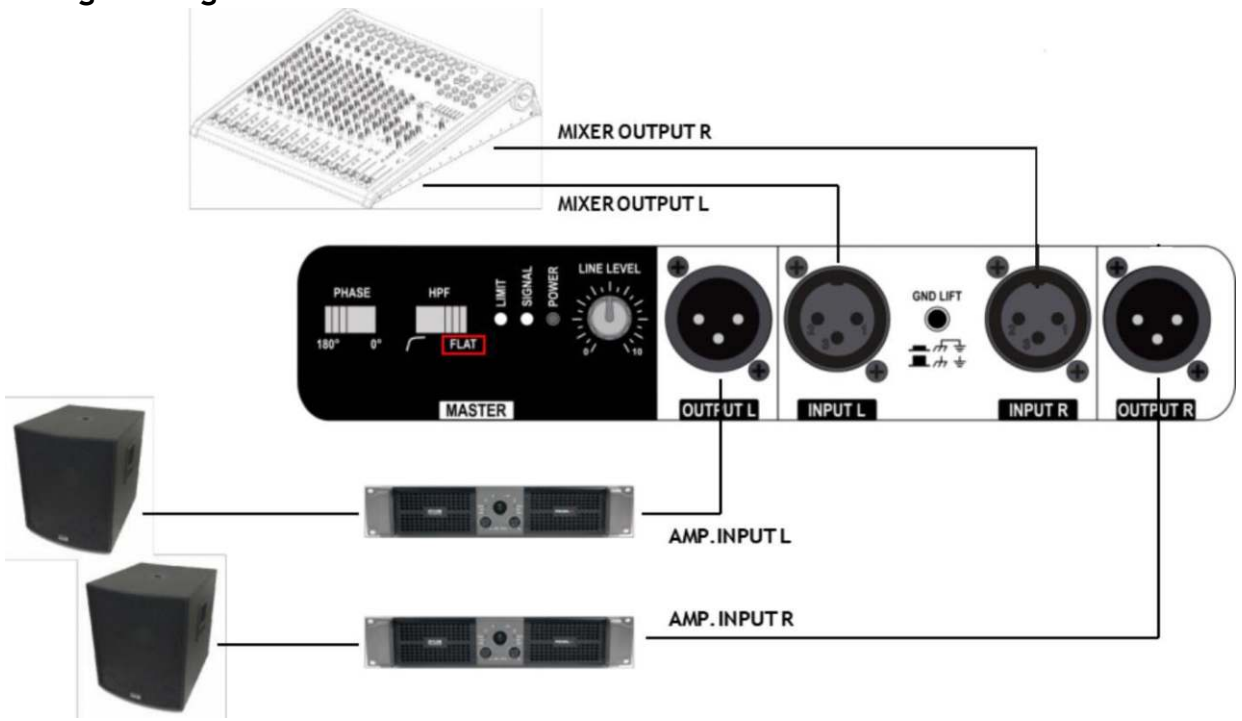
1 Ground/Shielding

3 Bridged to Pin 1

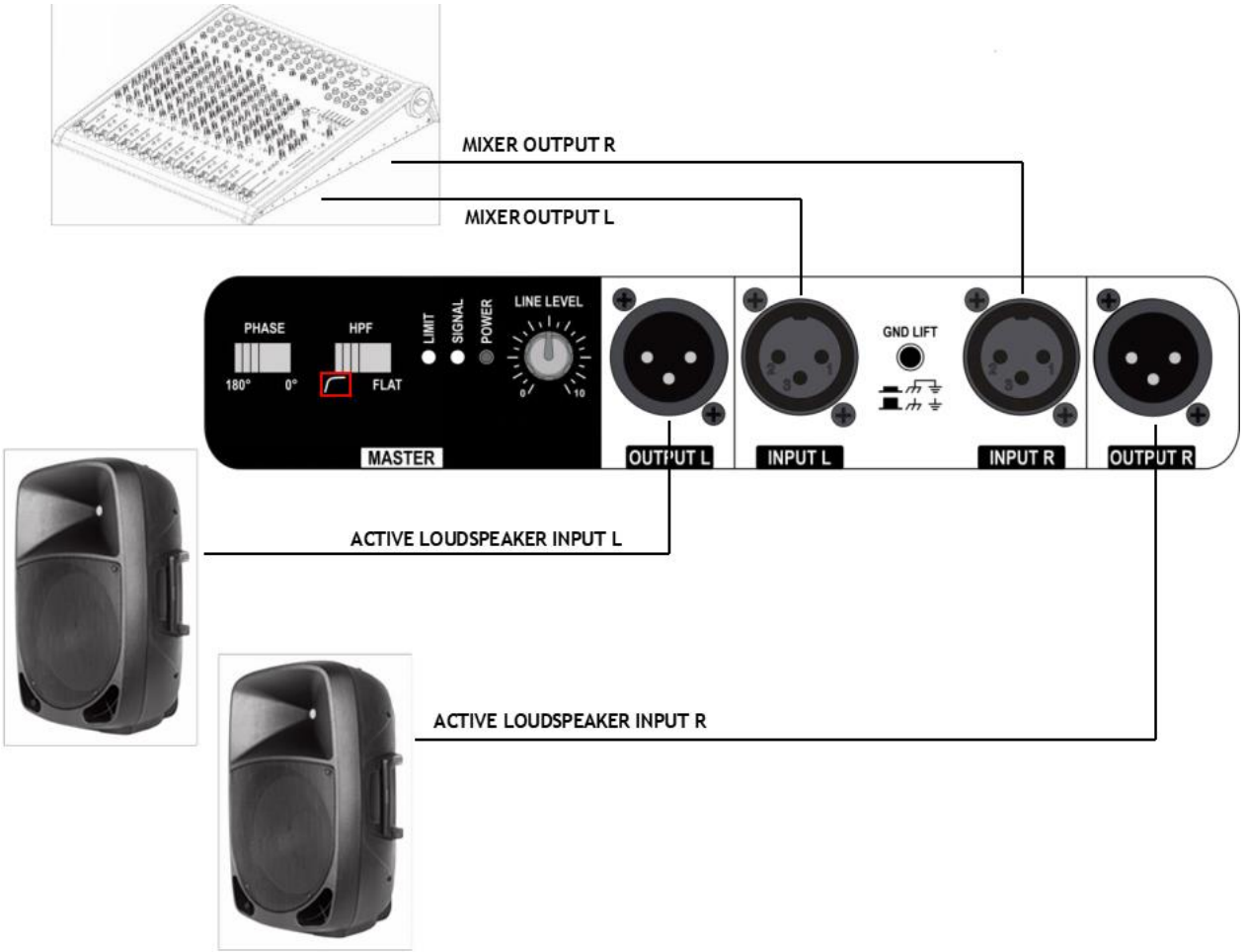
2 Signal (+)

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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Active PA Speaker Pronomic E Series

Operating Manual

Revision: *-03-2020

00063845 Pronomic E-210
00063846 Pronomic E-212
00063847 Pronomic E-215

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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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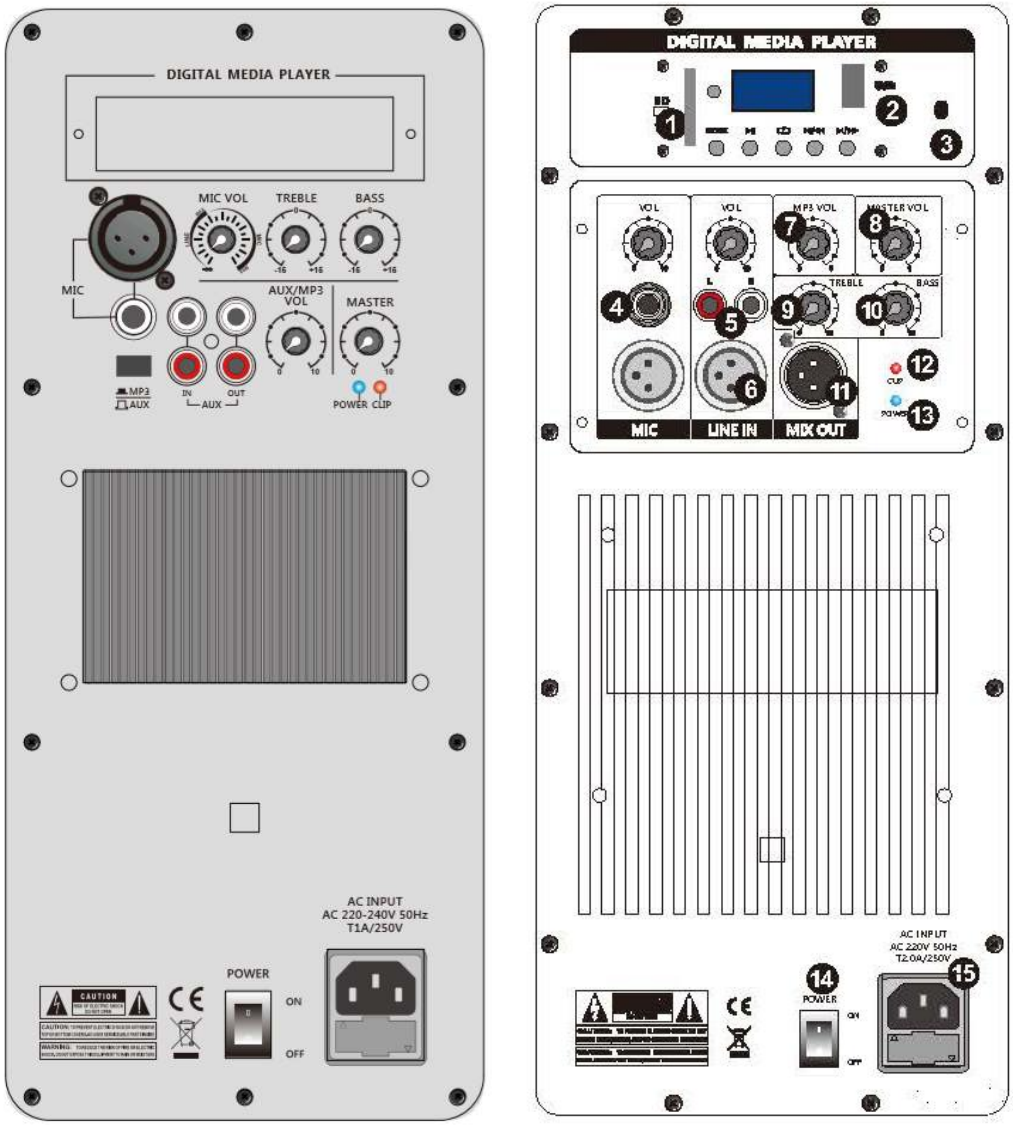
Technical Data

Model	**Pronomic E-210 MA, 10"**
Type	2-Way Active Speaker System
Frequency Response	70Hz-20kHz
Sensitivity (1m/1w)	92dB
Woofer	10"
Driver	1" Exit-1.0" Compression Drive
Crossover	3.0KHz
SPL	110dB
Max. Transmission Power (Bluetooth)	1mW / 0dBm
Frequency band (Bluetooth)	2401.418 - 2480.498 MHz
Rated Power (@4 ohm)	100W
Max. Power (@4 ohm)	200W
Dimension(W x H x D)	310x500x325mm
Weight	10.3kg

Model	**Pronomic E-212 MA, 12"**	**Pronomic E-215 MA, 15"**
Type	2-Way Active Speaker System	
Frequency Response	60Hz-20kHz(+/-3dB)	50Hz-20kHz(+/-3dB)
Sensitivity (1m/1w)	94dB	95dB
Woofer	12"MF/LF 2.0 Voice coil	15"MF/LF 2.0" Voice coil
Driver	1"Exit-1.0"Compression Drive	
Crossover	2.8KHz	2.5KHz
Max SPL	120dB	120dB
Max. Transmission Power (Bluetooth)	1mW / 0dBm	
Frequency band (Bluetooth)	2401.418 - 2480.498 MHz	
Rated Power (@4 ohm)	120W	
Max. Power (@4 ohm)	250W	350W
Dimension(W x H x D)	380x590x320mm	425x720x365mm
Weight	13.7kg	15.9kg

Product Description



1. ***SD-Card Slot***

SD-Card Input for playing MP3 files stored on SD-Card format.

2. ***USB Input***

SD-Card Input for playing MP3 files stored on SD-Card format.

3. ***Bluetooth Function***

Setting up a Bluetooth Connection with BT-ready Devices.

The built-in audio player features a Bluetooth receiver, which allows you to transfer music wirelessly from your devices such as smartphones, tablets and notebooks.

A. Press the MODE button (repeatedly) on the audio player or the remote control until the display indicates "**N-BLUE**".

B. Activate the Bluetooth function on your mobile device and keep it at hand to pair it to the receiver. The Bluetooth receiver (pairing code) is indicated by **"E-210 MA, E-212 MA, E-215 MA"** on the display of your device. Bluetooth has a function range of approx. 10meters.

C. Once the Bluetooth receiver is connected to your e.g. mobile device, the audio player's display indicates "**BLUE**" and is ready to play music. Just play music on your mobile device as you normally would and the sound will come out the speaker system.

D. To interrupt or continue the playback, press the button (⏯).

E. With the buttons (⏭) and (⏮) you can skip titles in forward or backward direction.

F. To flip through the menu to a playback of a USB device or a memory card, press the button (**MODE**) repeatedly.

4. ***MIC INPUT***

Microphone input (No phantom power).

5. ***RCA INPUT***

Connect a CD player, digital media player, mixer or other media source to these inputs. Control the output volume using the Line Input volume knob.

6. ***LINE INPUT(XLR)***

Connect a line-level mixer or musical instrument to this XLR line-level input. Control the output volume using the Line Input volume knob. Also use this line-level input when linking together two Speaker units.

7. ***MP3 VOLUME CONTROL***

This knob is used to control volume of the MP3.

8. ***MASTER VOLUME CONTROL***

This control enables you to adjust the total volume level.

9. ***TREBLE CONTROL***

This knob is used to regulate the amount treble applied to the output signal.

10. ***BASS CONTROL***

This knob is used to regulate the amount bass applied to the output signal.

11. ***MIX OUT***

Connect this XLR output to another active (powered) speaker. The level of the output is controlled by each channel's volume setting (Mic Input volume, Line Input volume, and Media Panel volume).

12. ***CLIP LED***

This LED will flash red if the signal from inputs or Media Panel source is clipping. If this happens, decrease the setting of the Mic Input volume knob, Line Level volume knob, or Media Panel volume knob.

13. ***Power LED***

Indicates whether speaker is powered on or off.

14. ***POWER SWITCH:*** This power switch turns on the system. Remember to adjust the volume level to the lowest setting before turn on the power switch.

15. ***AC INPUT CONNECTOR:*** Connect the included power cord to the AC input connector before push on the power switch.

Media Panel Functions

MODE	Switches modes within the menu from Bluetooth, SD, USB.
▶II	Play/Pause the USB, SD, or Bluetooth source.
↻	Repeat a single song (ONE) or all songs (ALL) of a music list on your device
⏮/◀◀	Navigates through USB and SD tracks. Plays the previous USB, SD, or Bluetooth track,
⏭/▶▶	Plays the next USB, SD, or Bluetooth track.

IMPORTANT SAFETY SYMBOLS

	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.
	life-endangering parts
ON:	Indicates that the device is turned on.
OFF:	Indicates that the device is turned off.

Power Supply

The apparatus should be connected to the power supply only of the type as marked on the apparatus or described in the manual. Failure to do could result in damage to the product and possibly the user.
Unplug this apparatus during lightning storms or when unused for long periods of time.

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 so 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 speaker should be located away from heat sources 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 the speaker in accordance with the manufacturer's instructions.

Object and Liquid Entry

Avoid Objects falling into the housing and avoid liquids pouring into the speaker.

Power Cord and Plug

Protect the power cord from being stepped 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 turned off and disconnected from the AC outlet.

Electrical Connection

Improper electrical wiring may invalidate the product's warranty.

Installation and Operation

⚠ WARNING **Disconnect the device from the power supply before installation.**

Connections

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

CLEANING & MAINTENANCE

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

Clean only with a dry cloth. Do not use any solvents such as benzoyl or alcohol.

Do not implement any servicing other than those described in the manual. Refer all servicing to qualified service personnel only.
Only use accessories/attachments or parts recommended by the manufacturer.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Herewith Musikhaus Kirstein GmbH declares that the device/radio units
[Pronomic E-210]
[Pronomic E-212]
[Pronomic E-215]

are in compliance with the EU directive 2014/53/EU. You can download the full CE declaration of conformity for this item under download
http://www.kirstein.de/docs/Konformitaetserklaerung/CE_Konformitaetserklaerung_00063845.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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