

ACTIVE COAXIAL MONITOR

IMPORTANT SAFETY INSTRUCTIONS

For your own safety you should read this section in full first!



Intended use

This active monitor is intended exclusively for the transmission of audio signals according to this manual and the specifications given here. By using it in any other way you face the risk of electric shock. No warranty claims will be granted for damage resulting from improper use!

Risk of electrical shock!

- Connect the device only to a properly wired and earthed electrical wall socket providing a mains voltage of 230 V~/ 50 Hz.
- NEVER operate the device if the power plug or power cord is damaged.
- NEVER submerge the device in water. Wipe it only with a slightly damp cloth.
- NEVER expose the device to rain or moisture and never use it in a damp or wet environment.
- Do not subject the device to high temperatures, direct sunlight, severe vibrations, shocks or tremors, or excessive dust.
- Ensure that the power cord does not become wet during operation.
- You must NEVER open the housing of the device or try to repair it. There are no user serviceable parts inside. Warranty will become void if you open the housing.
- Do not place objects containing fluids, e.g. flower vases or beer bottles, on or near the device.
- Notice regarding power disconnection:
To switch the device off and to disconnect it from the power source the power plug must be removed from the power socket. For this reason the device should be placed in a position where a constant unobstructed access to the power socket is assured, thus in an emergency situation you are able to immediately pull out the power plug. To eliminate the risk of fire you must

completely disconnect the power plug from the power socket after the device has been used.

- Always grasp the power cord by the plug. Do not pull on the cord itself and never touch the power cord with wet hands as this could result in a short circuit or an electrical shock. Do not place the device, speaker cabinets or anything else on the power cord and make sure that it does not become clamped. Place the power cord in a position where it can not be trod on. A damaged power cord can cause a fire or an electrical shock. Check the power cord from time to time. Should it become damaged contact our customer service centre to have it replaced.

 ***Risk of fire!***

- NEVER leave the device unattended while it is switched on.
- Do not place any open sources of fire, like candles, on the device.
- Do not operate or store the device in hot locations or near heat sources like stoves, radiators or the like.
- When a thunderstorm with the risk of lightening threatens please disconnect the device from the mains power.

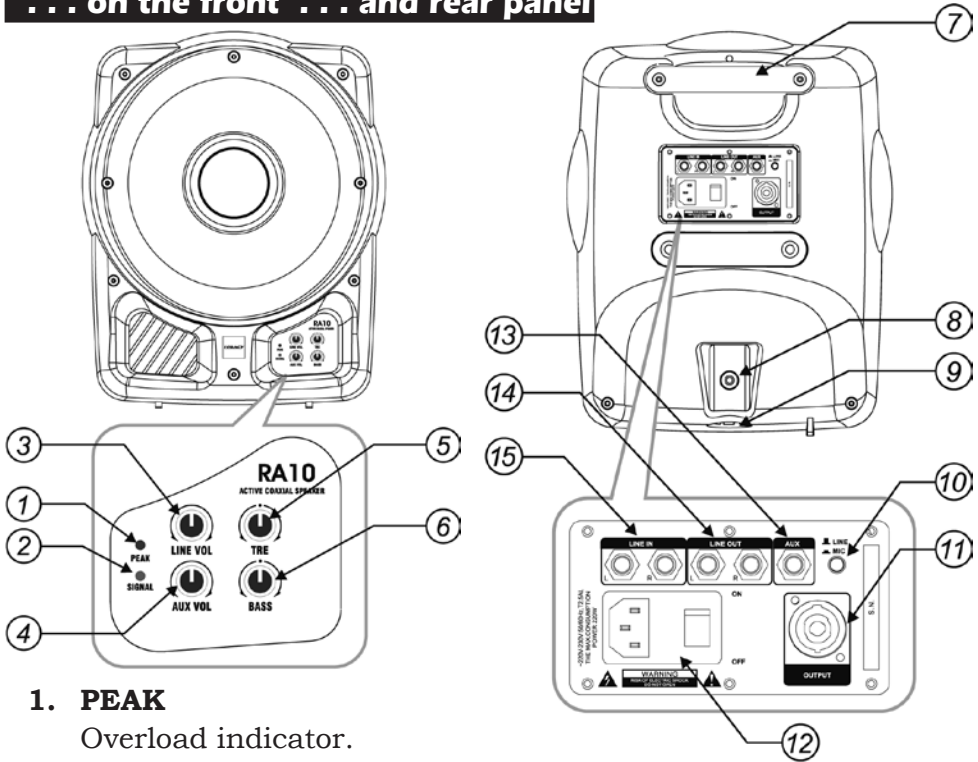
 ***Risk of personal injury!***

- Keep the power cord and device away from children. Children frequently underestimate the dangers of electrical equipment.
- Ensure a safe location for the device.
- Do not operate the device if it has sustained a fall or is damaged. Arrange for the device to be checked and/or repaired by qualified technicians.
- **Important!** Listening to music for long periods and at high volume levels can lead to hearing damage!



The operating elements

... on the front ... and rear panel



1. PEAK

Overload indicator.

2. SIGNAL

Signal indicator.

3. LINE VOL

Volume control for the line input L / R (15). Increase the volume by rotating clockwise and decrease the volume by rotating counter-clockwise. Attention: First please adjust the volume to minimum before switching the unit on and transmitting signals. Then adjust to appropriate volume.

4. AUX VOL

AUX volume bass control. Increase the volume by rotating clockwise and decrease the volume by rotating counter-clockwise. Be off at the Min. position.

5. TRE(ble)

Treble tone control for the line level input (③). Increase the treble tone by rotating clockwise and decrease the treble tone by rotating counter-clockwise.

6. BASS

Bass tone control for the line level input (③/⑤). Increase the bass tone by rotating clockwise and decrease the bass tone by rotating counter-clockwise.

7. Speaker handle

8. Safety locking screw for pole mount

9. 35mm speaker stand mount

10. AUX input mic line switch

Press button in for mic level, release button for line level.

11. OUTPUT

RA10 Speaker output. To power passive R10s for stereo mode. Signal from right input channel only.

12. Power input socket and power switch

Mains connection socket. Use the mains cable provided to connect this socket to a properly wired and earthed wall outlet (AC230~/50Hz).

Press the POWER button (I - ON position), to switch the device on. Press this button again (O - OFF position), to switch it off.

13. AUX input

AUX signal input socket.

14. LINE OUT L/R

Direct line level output.

15. LINE IN L/R

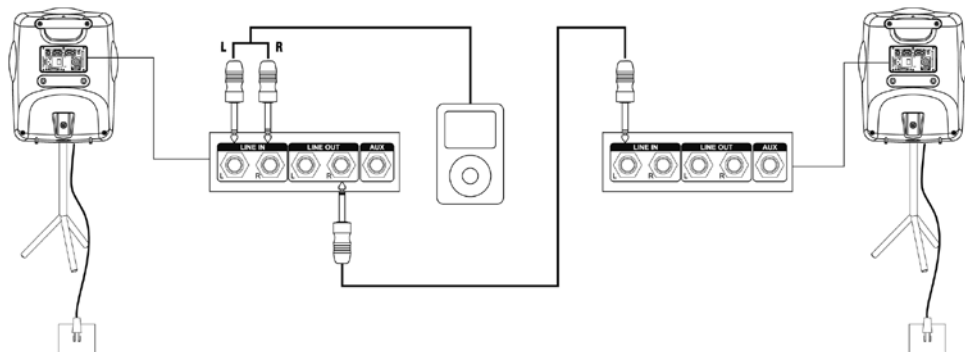
Line level inputs (Left & Right).

Attention: Left input supplies signal to this speaker, Right input supplies signal to either Right line output (14) or speaker output (11) when an additional passive or active speaker is required for stereo mode.

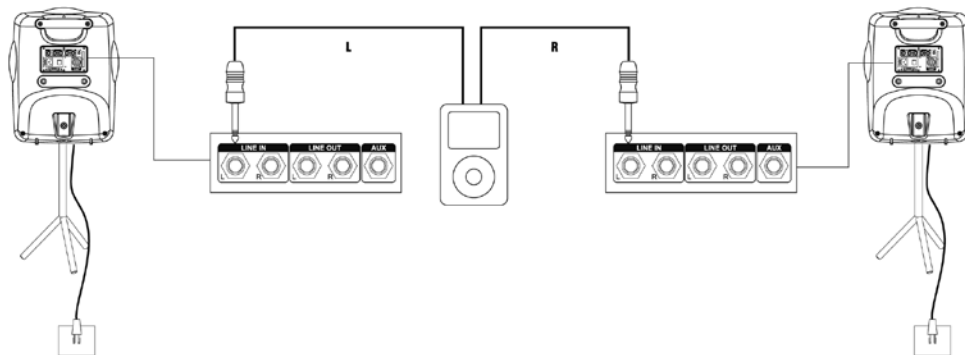
Applications samples

In this application the right line input or right line output is not required.

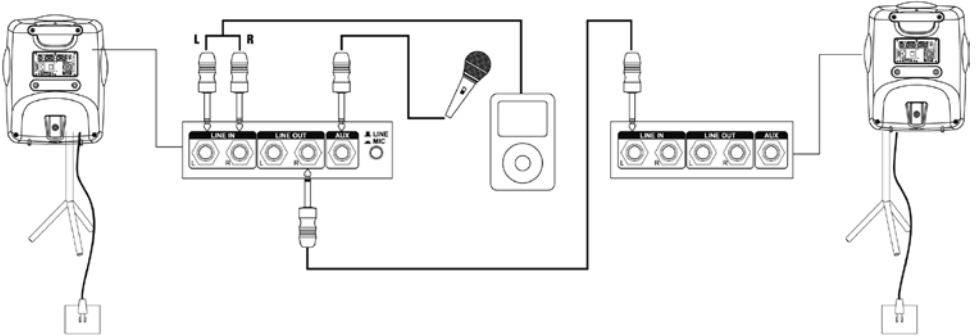
1. Stereo mode I. (long distance)



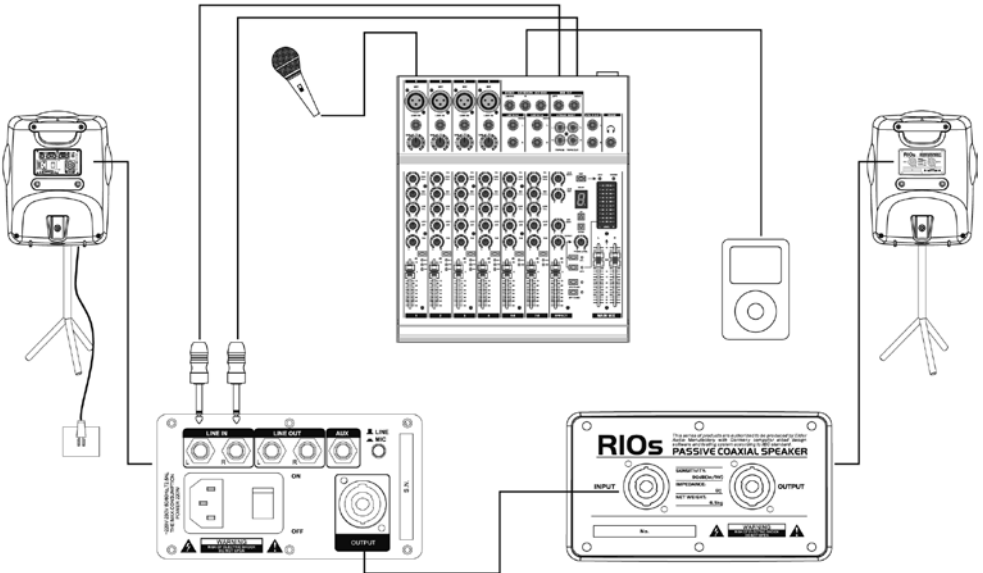
2. Stereo mode II. (short distance)



3. Stereo + Mic(One)

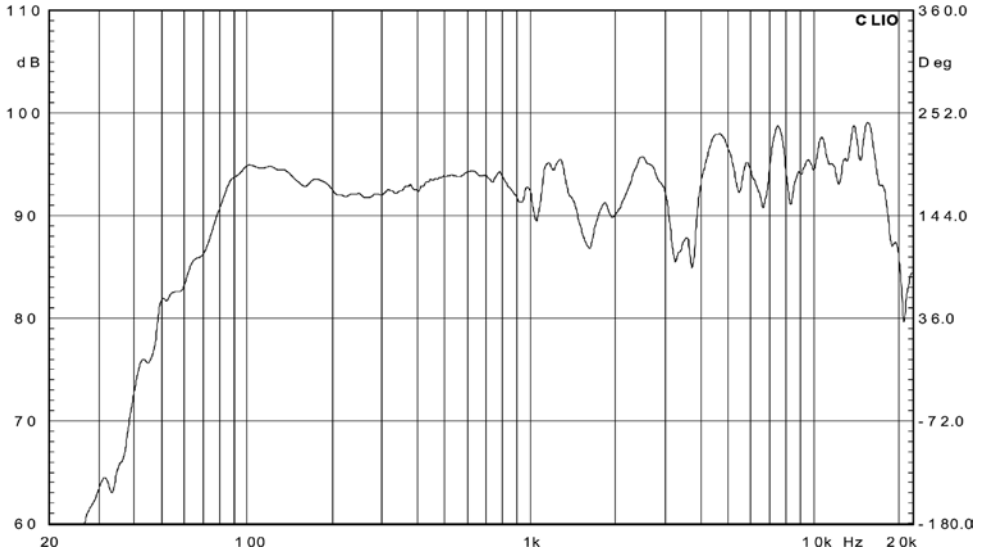


4. Active + passive

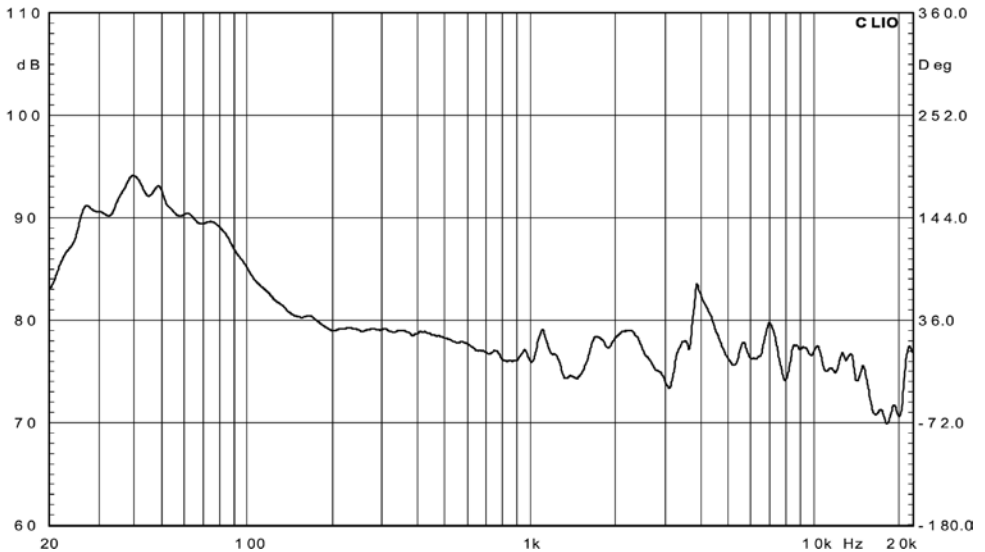


Diagrams

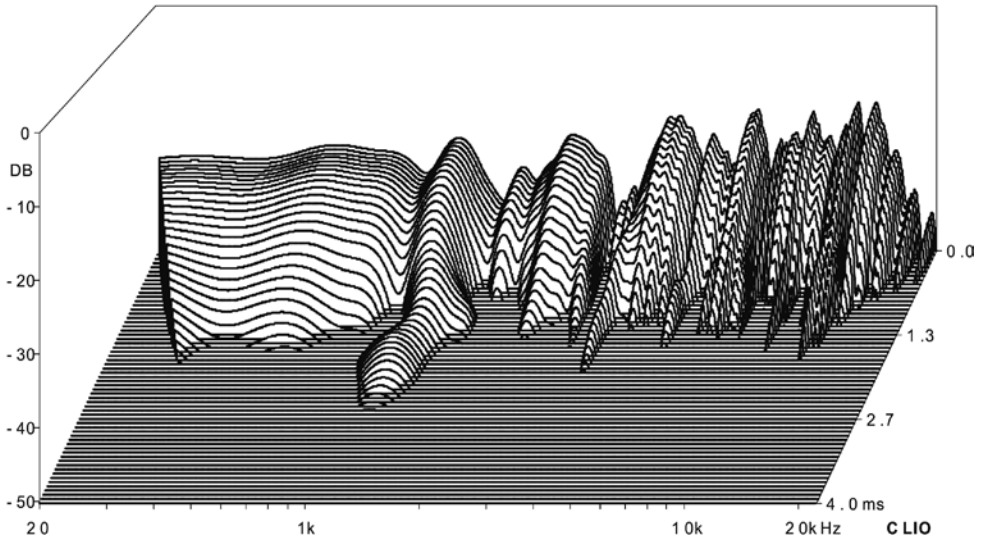
Frequency response



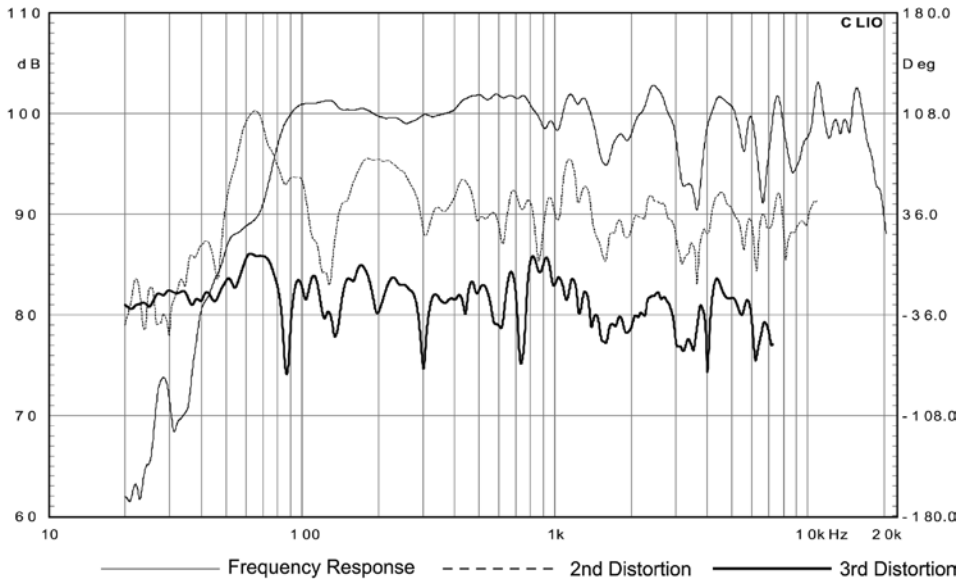
Phase response



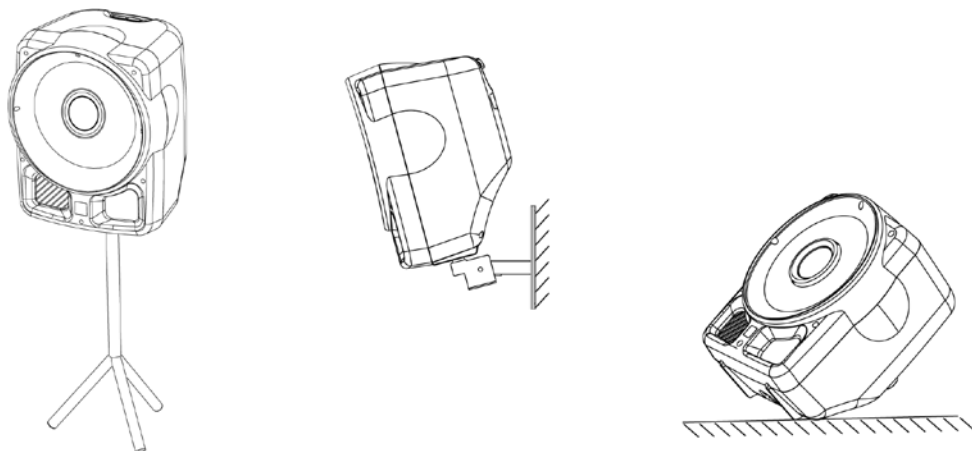
Waterfall



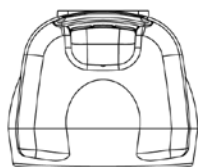
THD



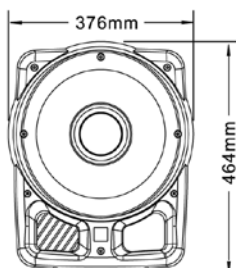
Installation



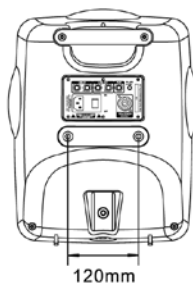
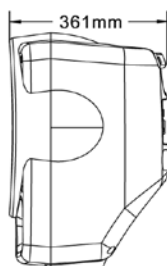
Dimensions



Top view



Front view



Technical specifications

Speaker system

Output power	: 100 watts RMS
Frequency response	: 65Hz-15kHz
Average SPL	: 113dB
The max. Consumption power	: 220W
Input sensitivity	
a.f=1kHz rated output power	: 1V @ 10%
b.f=1kHz rated output power	: 20mV @ 20%
LF tone: 120Hz	: ± 6dB
HF tone: 6.3kHz.....	: ± 12dB
Input mode	: 6.3 mm jacks unbalanced
Power supply	: ~ 220V-230V 50/60Hz,T2.5AL
Net weight	: 11.5kg
Gross weight.....	: 13.5kg
Dimension	: 376 x 316 x 464mm
Packing dimension.....	: 428 x 367 x 520mm

Transducer

Bass	: 10"/ 8 Ω
Treble	: 3"/ 8 Ω

As we continuously strive to improve our products, all specifications and appearance are subject to change without prior notice.

Disposal

Do not dispose of the device at the end of his operating life in your normal domestic waste. This device is subject to the European Guidelines 2002/96/EC.



- Have the product disposed of by a professional disposal company or by your communal disposal facility.
- Observe the currently applicable regulations. In case of doubt contact your disposal facility.
- Dispose of packaging materials in an environmentally responsible manner.





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