

MAGNAT Multi Monitor 220

MAGNAT Multi Monitor 220 Bluetooth Powered Speaker System User Manual

Model: Multi Monitor 220 (172600)

1. PRODUCT OVERVIEW

The MAGNAT Multi Monitor 220 is a compact, active stereo speaker system designed for high-fidelity audio reproduction. It features an integrated phono pre-amplifier for direct connection of MM record players and Bluetooth aptX for high-quality wireless audio streaming. The system includes German-developed chassis for precise and dynamic sound, driven by an integrated Class D amplifier.

Key Features:

- High-quality complete system for vinyl and streaming enthusiasts.
- Compact, active stereo system with phono input and Bluetooth aptX.
- Low-resonance enclosure constructed from E1 MDF timber boards.
- Wide range of connectivity options, including phono, Bluetooth aptX, optical, and coaxial digital inputs.
- Integrated Class D amplifier with a power output of 2 x 40 watts RMS.
- Subwoofer output for connecting an optional external subwoofer.



Image 1.1: Front view of the active speaker highlighting various input options like Bluetooth, Aux, Phono, Coaxial Digital In, and Optical Digital In.



Image 1.2: The MAGNAT Multi Monitor 220 speakers with the included remote control, illustrating key features such as Class-D amplification, Bluetooth aptX streaming, MM phono pre-amplifier, and Sub Out.

2. SETUP INSTRUCTIONS

2.1 Unpacking and Placement

Carefully remove the speakers and all accessories from the packaging. Place the speakers on a stable, level surface. For optimal sound, position the speakers at an equal distance from your listening position and ensure they are not too close to walls, which can affect bass response. Maintain at least 20 cm distance from walls for balanced audio.



Image 2.1: Proper placement of the MAGNAT Multi Monitor 220 speakers alongside a turntable, demonstrating a typical setup for vinyl playback.

2.2 Connecting the Speakers

1. **Passive Speaker Connection:** Connect the passive speaker to the active speaker using the provided speaker cable. Ensure correct polarity (red to red, black to black).
2. **Power Connection:** Connect the active speaker to a power outlet using the supplied power cable.

2.3 Audio Input Connections

The Multi Monitor 220 offers various input options:

- **Phono Input (MM):** For connecting a turntable with a Moving Magnet (MM) cartridge. Use the RCA IN ports and ensure the PHONO/LINE switch is set to 'PHONO'. Connect the turntable's ground wire to the GND terminal.
- **Analog Input (Line):** For connecting other analog audio sources (e.g., CD player, tape deck). Use the RCA IN ports and set the PHONO/LINE switch to 'LINE'.
- **Auxiliary Input:** For connecting portable devices via a 3.5mm stereo jack.
- **Digital Inputs:** Connect digital audio sources using the OPTICAL or COAXIAL inputs.
- **Sub Out:** Connect an optional active subwoofer to this output for enhanced bass.

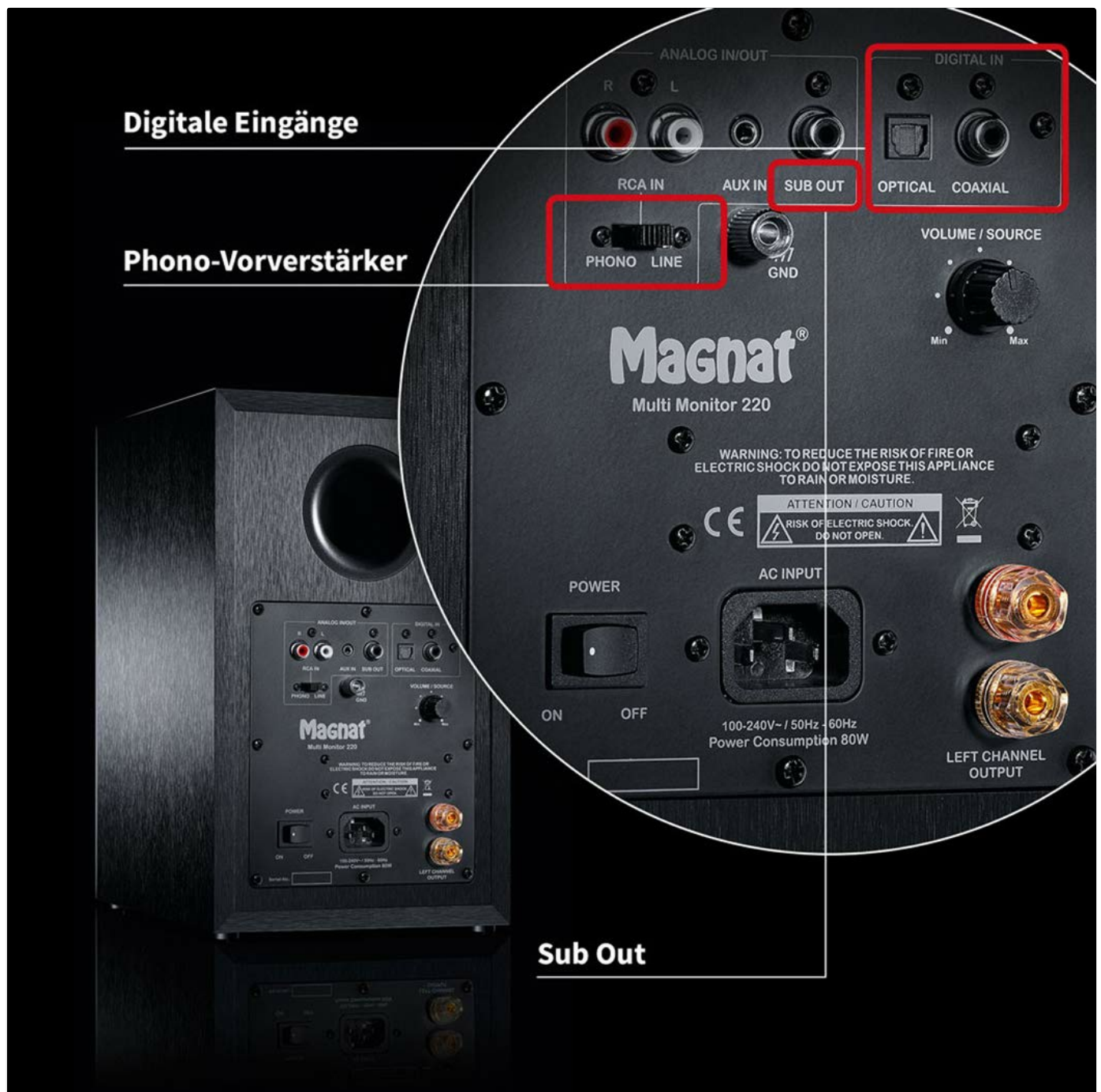


Image 2.2: Detailed view of the rear panel of the active speaker, showing the RCA IN (Phono/Line), AUX IN, SUB OUT, OPTICAL, COAXIAL, and speaker output terminals, along with the PHONO/LINE switch and power input.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Use the power switch located on the rear panel of the active speaker to turn the system on or off. The front LED indicator will illuminate when the system is powered on.

3.2 Source Selection

Press the 'SOURCE' button on the remote control or the front panel to cycle through the available input sources (Phono, Line, Aux, Optical, Coaxial, Bluetooth).

3.3 Bluetooth Pairing

1. Select 'Bluetooth' as the input source. The front LED will flash, indicating pairing mode.
2. On your Bluetooth device (smartphone, tablet), search for available devices and select 'MAGNAT Multi Monitor 220'.
3. Once connected, the front LED will glow steadily.
4. To disconnect or pair with a new device, press and hold the 'PAIR' button on the remote control.

3.4 Volume and Tone Control

Adjust the volume using the 'VOL+' and 'VOL-' buttons on the remote control or the volume knob on the active speaker. The remote control also provides 'TREBLE' and 'BASS' buttons to adjust the tone to your preference. Press 'LINEAR' to reset tone controls to neutral.

4. MAINTENANCE

To ensure the longevity and optimal performance of your MAGNAT Multi Monitor 220 speakers, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the speaker cabinets. Avoid using liquid cleaners, aerosols, or abrasive materials, as these can damage the finish.
- **Dust Protection:** Keep the speakers free from dust. You may use a soft brush or a vacuum cleaner with a brush attachment for grilles.
- **Environment:** Avoid placing the speakers in direct sunlight, near heat sources, or in areas with high humidity. Ensure adequate ventilation around the speakers.
- **Handling:** Do not touch the speaker cones or tweeters, as this can cause damage.

5. TROUBLESHOOTING

If you encounter issues with your Multi Monitor 220 system, refer to the following common problems and solutions:

- **No Sound:**
 - Ensure the power cable is securely connected and the power switch is ON.
 - Check that the correct input source is selected.
 - Verify that the volume is not set to minimum or muted.
 - Confirm that audio cables are properly connected to both the speakers and the source device.
- **Bluetooth Not Connecting:**
 - Ensure the speaker is in Bluetooth pairing mode (flashing LED).
 - Disable and re-enable Bluetooth on your source device.
 - Try forgetting the device on your source and re-pairing.
 - Ensure no other device is currently connected to the speakers via Bluetooth.
- **Distorted Sound:**
 - Reduce the volume on both the speakers and the source device.
 - Check for loose cable connections.
 - Ensure the source audio is not overdriven.
- **Humming/Buzzing Noise:**

- Check all cable connections, especially ground connections for turntables.
- Try moving the speakers or source devices away from other electronic equipment that might cause interference.
- Ensure power cables are not running parallel to audio cables.

If the problem persists after trying these steps, please refer to the support section.

6. SPECIFICATIONS

Below are the technical specifications for the MAGNAT Multi Monitor 220 speaker system:

Feature	Specification
Brand	MAGNAT
Model Name	Multi Monitor 220
Item Model Number	172600
Product Dimensions (LxWxH)	29.72 x 17.78 x 23.62 cm
Item Weight	9.4 kg
Speaker Amplification Type	Active
Speakers Nominal Output Power	80 Watts
Speakers Maximum Output Power	40 Watts
Audio Wattage	40 Watts
Power Source	Corded Electric
Connector Type	Bluetooth
Compatible Devices	Smartphone, Tablet
Special Features	Active speaker, Integrated Phono Pre-Ampere, Bluetooth aptX
Material	Wood
Mounting Type	Tabletop Mount
Batteries Required	Yes (for remote control)
What's in the Box	Remote



Image 6.1: Dimensions of the MAGNAT Multi Monitor 220 speaker: 29.8 cm height, 17.8 cm width, and 23.5 cm depth.

7. WARRANTY INFORMATION

This MAGNAT Multi Monitor 220 speaker system comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

8. SUPPORT

For further assistance, technical support, or warranty claims, please contact your retailer or the MAGNAT customer service department. Refer to the contact information provided with your purchase documentation or visit the official MAGNAT website for support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question