

MAGNAT MMS 730

Magnat MMS 730 Network Streamer User Manual

Model: MMS 730 | Brand: MAGNAT

1. INTRODUCTION

The Magnat MMS 730 is a versatile network audio streamer designed to integrate a wide range of digital audio sources into your Hi-Fi system. It supports internet radio, DAB+, FM radio, Bluetooth aptX HD streaming, and playback of audio files from your home network or USB storage. This manual provides essential information for setting up, operating, and maintaining your MMS 730 to ensure optimal performance and longevity.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the device. Keep this manual for future reference.

- **Power Supply:** Connect the device only to the mains voltage specified on the type plate. Ensure the power cable is not damaged.
- **Moisture:** Do not expose the device to rain or moisture to prevent fire or electric shock. Do not place objects filled with liquids, such as vases, on the device.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Avoid placing the device in enclosed spaces without airflow.
- **Heat:** Do not place the device near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Disconnect the device from the power supply before cleaning. Use a dry, soft cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the device on a stable, level surface. Avoid placing it in direct sunlight or in environments with extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Magnat MMS 730 Network Streamer
- Remote control with batteries (2 x AAA)
- Power cable
- DAB+/FM antenna
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel features the main display, control buttons, and a USB input for local media playback.



Figure 4.1: Front view of the Magnat MMS 730 network streamer.



Figure 4.2: Close-up of the front panel showing the display and USB port. The display shows "Device Name: MMS_730_538c".

- **ON/STBY Button:** Powers the unit on or puts it into standby mode.
- **USB Port (5V === 1.0A):** For connecting USB storage devices to play audio files.
- **Display:** Shows current status, menu navigation, and track information.
- **DIM Button:** Adjusts display brightness.
- **RETURN Button:** Navigates back in menus.
- **HOME Button:** Returns to the main menu.
- **SOURCE Button:** Selects input source (Internet Radio, DAB, FM, Bluetooth, USB, Network).
- **PLAY/PAUSE/SELECT Knob:** Controls playback and confirms menu selections.
- **SKIP Buttons (|< / >|):** Navigates tracks or menu items.

4.2 Rear Panel

The rear panel provides all necessary connections for integrating the MMS 730 into your audio system and network.



Figure 4.3: Rear panel showing various input and output connections.

- **WLAN Antenna:** For wireless network connection.
- **DAB/FM Antenna:** For connecting the supplied DAB+/FM antenna.
- **ETHERNET Port:** For wired network connection.
- **DIGITAL OUT (OPT/COAX):** Optical and Coaxial digital audio outputs for connecting to an external DAC or amplifier.
- **BLUETOOTH RECEIVER:** For wireless audio streaming from Bluetooth-enabled devices (supports aptX HD).
- **AUDIO OUT (RCA L/R):** Analog stereo RCA outputs for connecting to an amplifier.
- **POWER Switch:** Main power switch.
- **AC INPUT (230V~ 50Hz):** Power input for the mains cable.

4.3 Remote Control

The included remote control provides convenient access to all functions of the MMS 730.



Figure 4.4: The remote control for the Magnat MMS 730.

- **Power Button:** Turns the unit on/off.
- **Disconnect Button:** Disconnects Bluetooth or network connection.
- **Navigation/Select Buttons:** For menu navigation and selection.
- **Menu/Album Button:** Accesses menu or album view.
- **Info/Scan Button:** Displays information or initiates a scan.
- **Fav/Mem Button:** Accesses favorites or memory functions.
- **Volume +/- Buttons:** Adjusts volume (if connected to a compatible amplifier via digital control, or for internal headphone output if available, though not specified).
- **Source Button:** Cycles through input sources.

5. SETUP

5.1 Connecting Antennas

- **WLAN Antenna:** Screw the supplied WLAN antenna onto the designated connector on the rear panel for Wi-Fi connectivity.
- **DAB/FM Antenna:** Connect the supplied DAB+/FM antenna to the corresponding connector on the rear panel. Extend the antenna for optimal reception.

5.2 Audio Connections

Connect the MMS 730 to your amplifier or receiver using one of the following methods:

- **Analog RCA Output:** Use a stereo RCA cable to connect the AUDIO OUT (L/R) jacks on the MMS 730 to an available analog input on your amplifier.
- **Digital Optical Output:** Use an optical cable to connect the DIGITAL OUT (OPT) jack on the MMS 730 to an optical digital input on your amplifier or external DAC.
- **Digital Coaxial Output:** Use a coaxial digital cable to connect the DIGITAL OUT (COAX) jack on the MMS 730 to a coaxial digital input on your amplifier or external DAC.

5.3 Network Connection

The MMS 730 can connect to your home network via wired Ethernet or Wi-Fi.

- **Wired (Ethernet):** Connect an Ethernet cable from your router or network switch to the ETHERNET port on the rear panel.
- **Wireless (Wi-Fi):** Ensure the WLAN antenna is connected. On first power-up or when selecting Wi-Fi in the settings menu, the device will guide you through connecting to your wireless network. You may need to enter your Wi-Fi password using the front panel controls or the Magnat App.

5.4 Power Connection

After all other connections are made, connect the supplied power cable to the AC INPUT on the rear panel and then to a suitable wall outlet. Flip the POWER switch on the rear panel to the "ON" position. The unit can then be powered on/off using the front panel ON/STBY button or the remote control.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

- **Power On/Off:** Press the ON/STBY button on the front panel or the power button on the remote control.
- **Source Selection:** Press the SOURCE button on the front panel or remote to cycle through available input sources

(Internet Radio, DAB, FM, Bluetooth, USB, Network).

- **Navigation:** Use the SKIP buttons (< / >) or the navigation buttons on the remote to browse menus and lists. Use the PLAY/PAUSE/SELECT knob or the SELECT button on the remote to confirm selections.
- **Return/Home:** Use the RETURN button to go back one step in a menu, or the HOME button to return to the main menu.

6.2 Source Specific Operations

- **Internet Radio:** Once connected to the network, select "Internet Radio" as the source. You can browse stations by genre, location, or search. The MMS 730 supports TuneIn radio.
- **DAB/FM Radio:** Select "DAB" or "FM" as the source. Use the Info/Scan button to perform a station scan. Navigate through available stations using the SKIP buttons.
- **Bluetooth Streaming:** Select "Bluetooth" as the source. The MMS 730 will enter pairing mode. On your mobile device, search for "Magnat MMS 730" and pair. The device supports aptX HD for high-resolution streaming.
- **USB Playback:** Insert a USB storage device (e.g., USB stick) into the front USB port. Select "USB" as the source. The device will scan for playable audio files.
- **Network Audio:** Select "Network" as the source. The MMS 730 can access audio files from network shares (e.g., NAS drives) on your home network.

6.3 Magnat App Control

The Magnat App provides convenient control and configuration options for your MMS 730. Download the app from the App Store (iOS) or Google Play Store (Android).

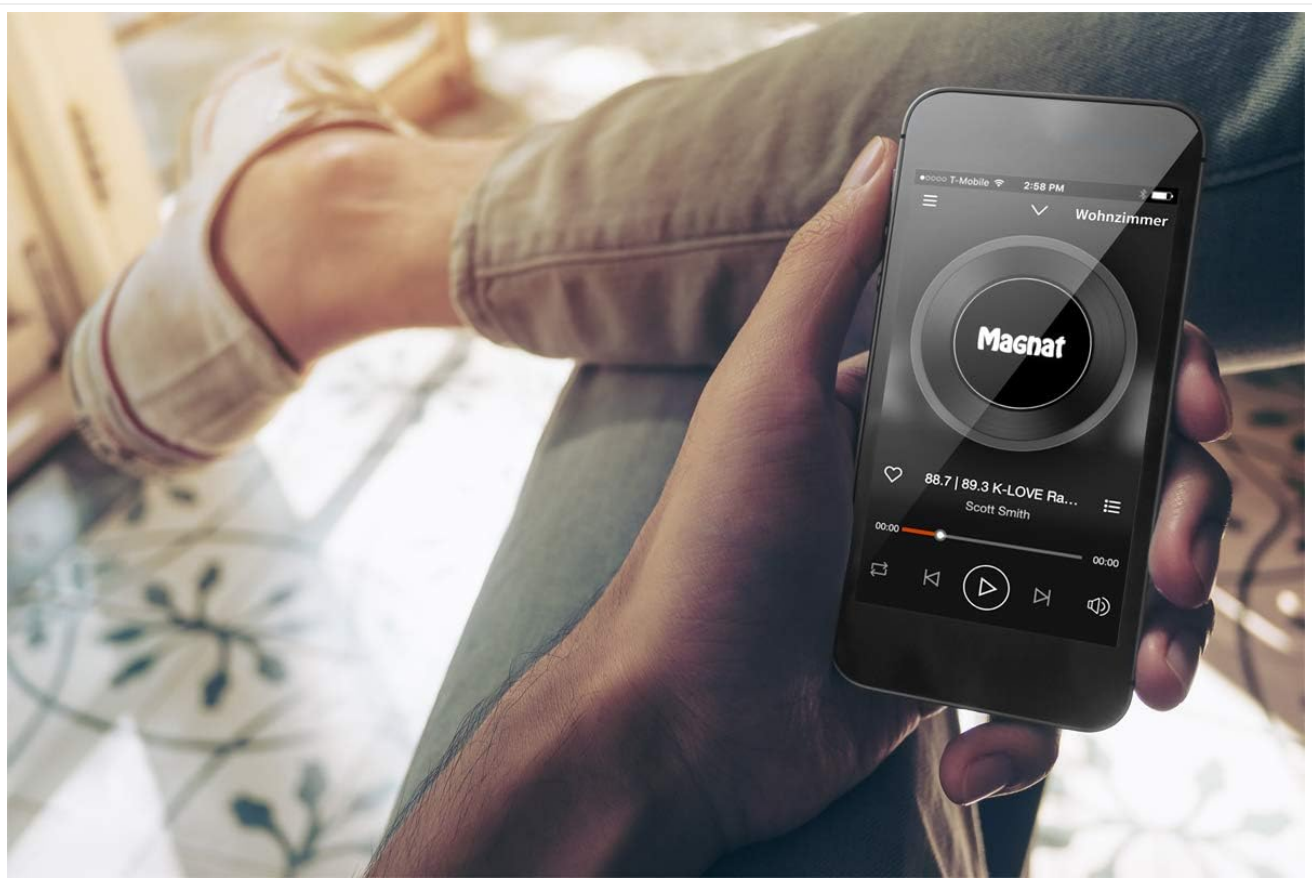


Figure 6.1: A smartphone displaying the Magnat Audio-Stream app interface.

- **App Installation:** Search for "Magnat Audio-Stream" in your device's app store and install it.
- **Device Discovery:** Ensure your smartphone is connected to the same Wi-Fi network as your MMS 730. Open the app, and it should automatically discover your device.

- **Functions:** The app allows you to select sources, browse music libraries, control playback, manage internet radio stations, and configure network settings.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Magnat MMS 730, follow these maintenance guidelines:

- **Cleaning:** Disconnect the power cable before cleaning. Use a soft, dry, lint-free cloth to wipe the exterior surfaces. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Periodically check that the ventilation openings are clear of dust and debris. Do not obstruct them.
- **Storage:** If storing the device for an extended period, disconnect it from the power supply and store it in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your MMS 730, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power	Power cable disconnected; Rear power switch off; Wall outlet issue.	Check power cable connection; Ensure rear POWER switch is ON; Try a different wall outlet.
No sound output	Incorrect audio connection; Wrong input selected on amplifier; Volume too low.	Verify audio cables are correctly connected; Select the correct input on your amplifier; Increase volume on amplifier and MMS 730 (if applicable).
Cannot connect to network (Wi-Fi/Ethernet)	Incorrect network settings; Router issue; Weak Wi-Fi signal; Ethernet cable disconnected.	Check network settings via the device menu or Magnat App; Restart your router; Ensure WLAN antenna is properly connected and positioned; Verify Ethernet cable connection.
Bluetooth pairing fails	Device not in pairing mode; Other device already connected; Interference.	Ensure MMS 730 is in Bluetooth source mode and pairing is active; Disconnect any previously paired devices; Move closer to the MMS 730.
DAB/FM radio reception is poor	Antenna not properly connected or positioned; Weak signal in your area.	Ensure DAB/FM antenna is fully extended and positioned for best reception; Try repositioning the antenna.

If the problem persists after trying these steps, please contact Magnat customer support.

9. SPECIFICATIONS

Technical specifications for the Magnat MMS 730 Network Streamer:

- **Brand:** MAGNAT
- **Model Number:** MMS 730
- **Connectivity Technology:** Ethernet, USB, Wi-Fi, Bluetooth (aptX HD)
- **Tuning Technology:** DAB, FM
- **Supported Radio Bands:** FM, DAB+ (Internet Radio via network)

- **Special Features:** Streaming Bluetooth aptX HD, Spotify Connect, TuneIn Internet Radio, Network Audio Playback
- **Compatible Devices:** Amplifiers with RCA, digital (optical/coaxial) or Bluetooth input
- **Power Source:** Corded Electric (AC 230V~ 50Hz, Power Consumption 20W)
- **Material:** Metal and Aluminum (front plate)
- **Product Dimensions:** 43.4L x 31.8W x 4.5H centimeters
- **DAC:** High-end DAC from Wolfson

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your local Magnat dealer. Information regarding spare parts availability and guaranteed software updates is not available at this time. For technical support, please visit the official Magnat website or contact their customer service department.