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› Infomir MAG 524W3 4K Streaming Media Player User Manual

Infomir Mag524W3

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Model: MAG524W3

Brand: Infomir

INTRODUCTION

The Infomir MAG 524W3 is a high-performance 4K streaming media player designed to deliver an exceptional entertainment experience. Powered by an Amlogic S905X2 chipset and running on Linux 4.9, this device supports 4K content playback at 60 frames per second, ensuring smooth and vivid visuals. It features built-in dual-band Wi-Fi (2.4G/5G) and an Ethernet port for flexible connectivity. This manual provides essential information for setup, operation, maintenance, and troubleshooting to help you get the most out of your device.



Image: The MAG 524W3 streaming media player with its remote control.

SETUP GUIDE

What's in the Box

Before you begin, ensure all components are present:

- MAG 524W3 box
- Remote control
- HDMI cable
- Power adapter
- 2 AAA batteries



Image: All items included in the MAG 524W3 product package.

Initial Connection

1. **Connect HDMI Cable:** Insert one end of the HDMI cable into the HDMI port on the back of the MAG 524W3 box and the other end into an available HDMI input on your television or display.
2. **Connect Power Adapter:** Plug the power adapter into the DC 12V port on the back of the MAG 524W3 box, then plug the adapter into a wall outlet.
3. **Insert Batteries into Remote:** Open the battery compartment on the back of the remote control and insert the 2 AAA batteries, ensuring correct polarity.
4. **Network Connection:**
 - **Wi-Fi:** The MAG 524W3 has built-in dual-band Wi-Fi. After powering on, you will be prompted to select your Wi-Fi network and enter the password.
 - **Ethernet (Wired):** For a more stable connection, connect an Ethernet cable from your router to the LAN port on the back of the MAG 524W3.
5. **Power On:** The device should power on automatically. If not, press the power button on the remote control or the device itself.



Image: Rear view of the MAG 524W3 showing the HDMI, LAN, and power input ports.

OPERATING INSTRUCTIONS

Remote Control Functions

The included remote control allows you to navigate the device's interface and control playback. Familiarize yourself with the buttons:

- **Power Button:** Turns the device on or off.
- **Navigation Pad (Arrows and OK):** Used to move through menus and select items.
- **Back/Return:** Returns to the previous screen or menu.
- **Home:** Returns to the main menu.
- **Volume +/-:** Adjusts the audio volume.
- **Channel +/-:** Changes channels (if applicable to your service).
- **Numeric Keypad:** For direct channel entry or text input.
- **APP/PIP:** Dedicated buttons for specific applications or Picture-in-Picture function.

4K HDR and HEVC

MAG524/524w3 plays back movies, programs, and TV series in 4K HDR². Video frame rate is up to 60 fps. Even at slow internet speeds, the device plays back high-quality content without delays, thanks to H.265 and other modern codecs. Watching 4K content with H.264 requires a 32 Mbps connection, while a set-top box with H.265 only needs a speed of 15 Mbps.³.

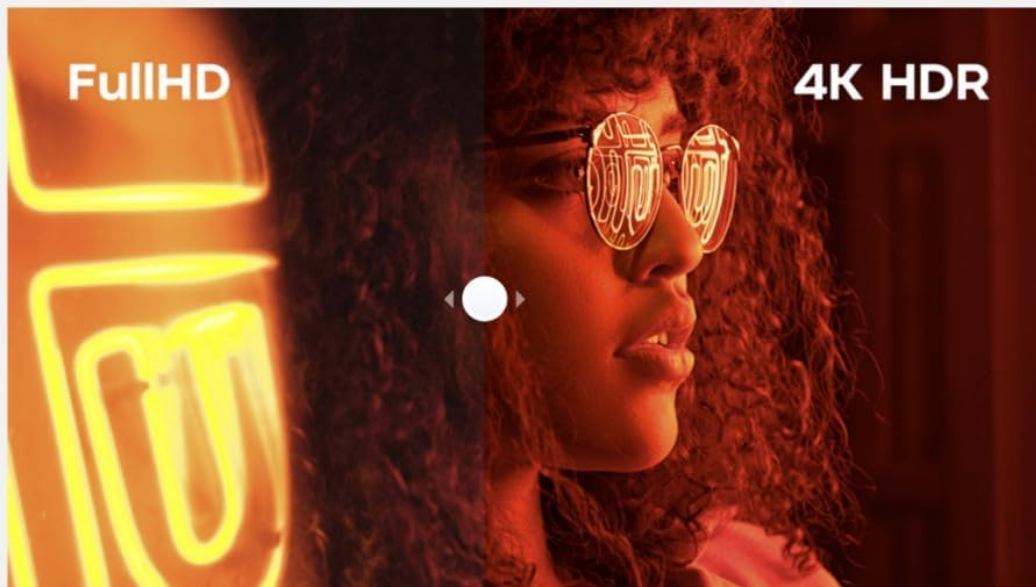


Image: Detailed view of the MAG 524W3 remote control buttons.

User Interface Navigation

The MAG 524W3 runs on a Linux-based operating system with a user-friendly interface. The main screen typically displays options for IPTV channels, media playback, web browser, and settings. Use the remote's navigation pad to select desired functions.

Reliable set-top box powered by Linux 4.9

Powered by Linux, the device makes sure you can develop apps as well as offer integration and customization solutions. Operators can roll out new firmware to improve the device even after it is commercialized and to extend its life cycle.



Image: The main user interface of the MAG 524W3, powered by Linux 4.9.

Connecting Peripherals

The MAG 524W3 is equipped with USB 2.0 and USB 3.0 ports, allowing you to connect external devices such as a mouse, keyboard, or USB storage drives. This enhances navigation and content input.

USB ports for your mouse and keyboard

MAG524/524w3 is equipped with two USB ports. This way, you can connect your mice, keyboards, memory cards, and other devices to the set-top box. Peripherals make it easier to enter text, use browsers, and find content.

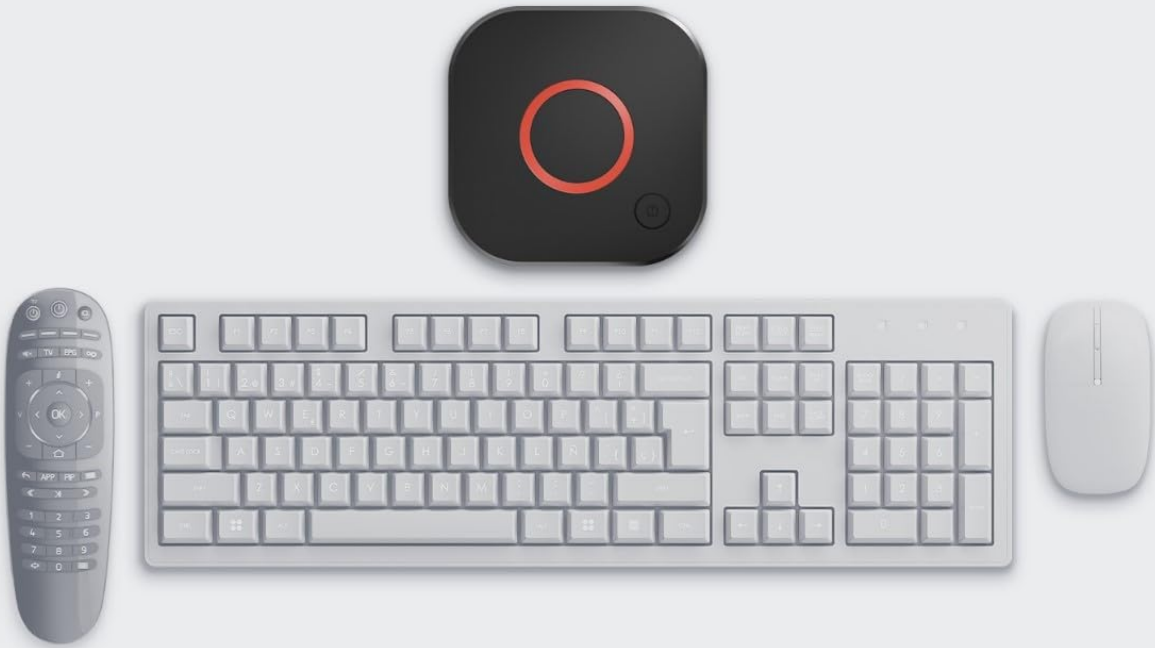


Image: The MAG 524W3 with connected USB mouse and keyboard for easier text entry and navigation.

4K and HEVC Support

The device supports 4K resolution and HEVC (High Efficiency Video Coding) for superior video quality. This allows for smooth playback of high-resolution content with efficient data usage.

Eight-channel Dolby Digital Plus™ sound

With multi-channel surround sound, users can connect modern TVs, audio systems, and home theaters to MAG524/524w3. Channelized omnidirectional sound will help you get an immersive experience while watching a movie, TV series, or show.⁵



Image: Visual comparison demonstrating the enhanced detail of 4K HDR over Full HD.

Audio Features

The MAG 524W3 supports eight-channel Dolby Digital Plus™ sound, providing an immersive audio experience when connected to compatible audio systems or home theaters.



Image: A visual representation of immersive audio, highlighting the device's Dolby Digital Plus sound capabilities.

MAINTENANCE

General Care

- Keep the device in a well-ventilated area to prevent overheating.
- Clean the exterior with a soft, dry cloth. Avoid liquid cleaners.
- Do not block ventilation openings.
- Protect the device from direct sunlight, extreme temperatures, and humidity.

Firmware Updates

Infomir regularly releases firmware updates to improve performance, add features, and fix bugs. It is recommended to keep your device's firmware updated for optimal operation. The device may feature automatic firmware updates. Consult your IPTV provider or Infomir's official support channels for information on checking and applying updates.

TROUBLESHOOTING

This section addresses common issues you might encounter with your MAG 524W3.

Problem	Possible Cause	Solution
Device does not power on	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected to the device and a working power outlet. Try a different outlet.
No picture on TV	HDMI cable loose or faulty; incorrect TV input selected.	Check HDMI cable connections. Ensure your TV is set to the correct HDMI input. Try a different HDMI cable or port.
No network connection (Wi-Fi/Ethernet)	Incorrect Wi-Fi password; router issue; Ethernet cable disconnected.	For Wi-Fi, re-enter password. For Ethernet, ensure cable is securely connected to both device and router. Restart your router.
Lagging or freezing during playback	Slow internet connection; high network traffic; device settings.	Ensure stable internet connection. Try connecting via Ethernet. In device settings, consider adjusting buffer size (e.g., to 500ms if available). Perform a hard reboot by unplugging and replugging the power adapter.
Remote control not responding	Dead batteries; obstructed IR sensor.	Replace batteries. Ensure no obstructions between remote and device's IR sensor.
Device turns off TV when powered off	HDMI CEC (Consumer Electronics Control) is enabled.	Access the device's advanced settings and disable HDMI CEC.

SPECIFICATIONS

Detailed technical specifications for the Infomir MAG 524W3:

Chipset: Amlogic S905X2

Processor: Quad-core ARM Cortex-A53, 1900 MHz

GPU: 850 MHz ARM G31-MP2 GPU

RAM: 1 GB DDR3

Flash Memory: 4 GB NAND

Operating System: Linux 4.9

Video Resolution: Up to 4K (3840 x 2160) at 60 fps

Video Codecs: HEVC (H.265), H.264, and others

Audio: Eight-channel Dolby Digital Plus™ sound

Wi-Fi: Built-in Dual Band 2.4G/5G (802.11 b/g/n/ac, 2T2R ac, up to 600Mbps)

Ethernet: 100 Mbps port

Ports: 1 x HDMI 2.1, 1 x USB 2.0, 1 x USB 3.0, LAN, DC 12V/1A

Dimensions: 1.97 x 4.33 x 2.76 inches (5 x 11 x 7 cm)

Weight: 0.176 ounces (5 grams)

MAG524 – 4K-capable Linux set-top box

MAG524 and MAG524w3 are Linux devices powered by the Amlogic S905X2 chipset. With MAG524/524w3 and Infomir's priority technical support, operators can ensure that users have a seamless experience.

The ARM Cortex-A53 CPU makes the set-top box 25% more powerful than the previous generation devices. The CPU is equipped with the best GPU to ensure that MAG524/524w3 plays back 4K content even more efficiently at a frame rate of 60 fps.

The API continuity enables easy integration of devices into any project that already includes the MAG set-top boxes. Infomir integrates MAG524 and MAG524w3 with any middleware and DRM/CAS on request.



Image: An exploded view illustrating the powerful Amlogic S905X2 chipset and internal components of the MAG 524W3.

WARRANTY AND SUPPORT

Warranty Information

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact the seller/manufacturer directly. Protection plans may be available for extended coverage.

Customer Support

If you require further assistance or have questions not covered in this manual, please contact Infomir customer support or your IPTV service provider. You can often find additional resources, FAQs, and contact information on the official Infomir website.

For the latest information and support, visit the [Infomir Store on Amazon](#).

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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

Email

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