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› MAG 540 Original Infomir & HB-Digital Set Top Box 4K Media Player Internet TV Receiver UHD 60FPS 2160p@60 FPS HDMI 2.1 4K and HEVC Support USB3.0 Arm Cortex-A35 + HDMI Cable User Manual

HB-DIGITAL MAG 540

MAG 540 Set Top Box User Manual

Model: MAG 540 (6634) | Brand: HB-DIGITAL

1. INTRODUCTION AND OVERVIEW

The MAG 540 is a powerful 4K set-top box designed for seamless playback of various media content, including linear TV, video-on-demand, and OTT IPTV services. Equipped with a quad-core ARM Cortex-A35 processor and Amlogic S905Y4-B chipset, it ensures smooth performance and supports modern video formats, including 4K resolution at 60 frames per second (FPS).

This manual provides essential information for setting up, operating, and maintaining your MAG 540 set-top box.



Image: The MAG 540 set-top box shown with its retail packaging, highlighting its compact design and key features.

2. WHAT'S IN THE BOX

Please verify that all items are present in the package:

- MAG 540 Set-top box
- User Manual
- HDMI Cable
- 5V/2A Power Adapter
- Remote Control
- 2 x AAA Batteries



Image: A visual representation of the included accessories: the remote control, power adapter, and HDMI cable.

3. PRODUCT FEATURES AND SPECIFICATIONS

Key Features:

- Linux 4.9 Operating System
- Amlogic S905Y4-B Chipset
- ARM Cortex-A35 Quad-Core Processor
- 4K Video Output (3840 x 2160 resolution)
- HEVC (H.265) Support for efficient video decoding

- HDMI 2.1 Port
- 2 x USB 2.0 Ports
- Ethernet LAN Connectivity
- Dolby Digital Plus Sound
- Programmable Infrared Remote Control

Technical Specifications:

Specification	Detail
Processor	ARM Cortex-A35 Quad-Core
Chipset	Amlogic S905Y4-B
Operating System	Linux 4.9
RAM	1 GB
Internal Storage	4 GB eMMC
Video Output	4K (3840 x 2160) @ 60 FPS
HDMI Version	2.1
USB Ports	2 x USB 2.0
Network Connectivity	Ethernet (RJ45)
Power Supply	5V/2A
Color	Black



Image: Detailed view of the MAG 540's front with USB ports and rear panel with HDMI, LAN, and power input.



Image: The product packaging displaying key technical specifications such as Amlogic chipset, Linux OS, USB 2.0, and HDMI 2.1.

4. SETUP GUIDE

Important Note: The device operates only with Ministra platform version 5.6.9 or higher. Please confirm compatibility with your service provider before use.



IMPORTANT:
the STB only runs on Ministra v. 5.6.9 and above

WICHTIG:
STB läuft nur auf Ministra ab v. 5.6.9

Image: A warning message indicating the requirement for Ministra platform v.5.6.9 or above for the STB to function.

Step-by-Step Installation:

1. **Unpack the Device:** Carefully remove the MAG 540 set-top box and all accessories from the packaging.
2. **Connect to TV:** Connect one end of the provided HDMI cable to the HDMI port on the back of the MAG 540 and the other end to an available HDMI input on your television.
3. **Connect to Network:** For optimal performance, connect an Ethernet cable from your router or modem to the LAN port on the back of the MAG 540. If using a Wi-Fi dongle (not included), ensure the device software is updated via the Ethernet port first.
4. **Connect Power:** Plug the 5V/2A power adapter into the DC IN port on the back of the MAG 540, then plug the adapter into a power outlet.
5. **Insert Remote Batteries:** Open the battery compartment on the back of the remote control and insert the two AAA batteries, observing the correct polarity.
6. **Power On:** Turn on your television and select the correct HDMI input. The MAG 540 should power on automatically. If not, press the power button on the remote control.
7. **Initial Configuration:** Follow the on-screen instructions to complete the initial setup, which may include language

selection, network settings, and portal configuration.

5. OPERATING INSTRUCTIONS

Remote Control Functions:





Image: The remote control for the MAG 540, showing its button layout for navigation and media control.

- **Power Button:** Turns the device on or off.
- **Navigation Buttons (Up, Down, Left, Right):** Used to navigate through menus and content.
- **OK Button:** Confirms selections.
- **Back/Exit Button:** Returns to the previous screen or exits a menu.
- **Menu/List Button:** Accesses the main menu or content lists.
- **Volume Up/Down:** Adjusts the audio volume.
- **Channel Up/Down:** Changes TV channels.
- **Numeric Keypad:** For direct channel input or other numerical entries.
- **Media Playback Controls:** Play, Pause, Stop, Fast Forward, Rewind.

Accessing Content:

Once connected and configured, you can access various content types:

- **Linear TV:** Navigate through channels provided by your service provider.
- **Video-on-Demand (VOD):** Browse and select movies or shows from your provider's library.
- **OTT IPTV Content:** Access various internet-based TV services.
- **Local Media:** Connect a USB drive to one of the USB 2.0 ports to play media files (videos, photos, music) stored locally.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Software Updates:** Periodically check for and install software updates to ensure optimal performance and access to the latest features. Updates are typically performed via the Ethernet connection.

7. TROUBLESHOOTING

Common Issues and Solutions:

- **No Picture/Black Screen:**
 - Ensure the HDMI cable is securely connected to both the set-top box and the TV.
 - Verify that your TV is set to the correct HDMI input source.
 - Check if the power adapter is properly connected and the device is powered on.
- **No Sound:**
 - Check the volume level on both the set-top box and your TV.
 - Ensure the TV is not muted.
 - Verify HDMI cable connection.
- **Buffering/Lagging Video:**
 - Check your internet connection speed and stability.
 - Ensure the Ethernet cable is securely connected. A wired connection is recommended for stable streaming.
 - Restart your router/modem and the set-top box.
- **Remote Control Not Responding:**
 - Replace the AAA batteries in the remote control.
 - Ensure there are no obstructions between the remote and the set-top box.
 - Point the remote directly at the front of the set-top box.
- **Device Not Responding/Frozen:**
 - Disconnect the power adapter from the device, wait 10 seconds, then reconnect it. This performs a power cycle.
 - If issues persist, a factory reset may be necessary (consult your service provider or the device's advanced settings for this option, as it will erase all custom configurations).
- **Compatibility Issue (Ministra Platform):**
 - As noted in the setup guide, the device requires Ministra v.5.6.9 or higher. If you are experiencing issues, confirm with your service provider that their portal meets this requirement.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the terms and conditions provided by your retailer or contact HB-DIGITAL directly.

You can find more information and support resources on the official HB-DIGITAL store page [HB-DIGITAL Store](#)

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

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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

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