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› Magnavox TB110MW9A DTV Digital to Analog Converter User Manual

## Magnavox TB110MW9A

# Magnavox TB110MW9A DTV Digital to Analog Converter User Manual

Model: TB110MW9A

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, and maintenance of your Magnavox TB110MW9A DTV Digital to Analog Converter. This device is designed to convert digital television broadcast signals into an analog format, allowing older analog televisions to receive and display digital channels. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

## 2. SAFETY INFORMATION

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- **Power Source:** Use only the specified power adapter. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block ventilation openings. Place the unit on a stable, flat surface with adequate airflow.
- **Moisture:** Keep the device away from water, rain, and excessive humidity. Do not operate with wet hands.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- **Placement:** Avoid placing the unit near heat sources, direct sunlight, or in areas with high dust levels.

## 3. PACKAGE CONTENTS

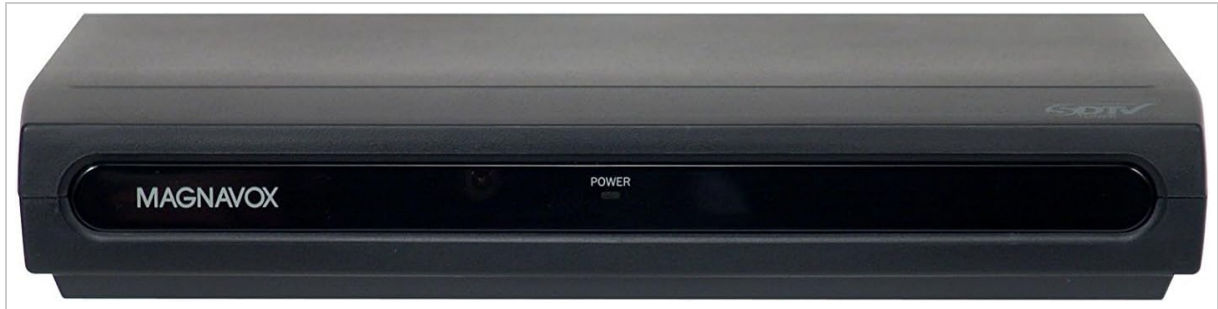
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Please check that all items listed below are included in your package. If any items are missing or damaged, contact your retailer.

- Magnavox TB110MW9A DTV Digital to Analog Converter Box
- Remote Control
- AAA Batteries (2)
- User Manual (this document)
- Power Adapter (AC/DC)

## 4. PRODUCT OVERVIEW

## 4.1 Front Panel



**Figure 1:** Front panel of the Magnavox TB110MW9A converter. This image displays the front panel of the Magnavox TB110MW9A converter. It features the 'MAGNAVOX' logo on the left and a 'POWER' indicator light in the center.

- **MAGNAVOX Logo:** Indicates the brand of the device.
- **POWER Indicator:** Illuminates when the unit is powered on.
- **Remote Sensor:** Receives signals from the remote control.

## 4.2 Rear Panel (Typical Connections)

The rear panel contains all the necessary input and output ports for connecting the converter box to your antenna and television.

- **ANT IN:** Connects to your outdoor or indoor antenna for receiving digital broadcast signals.
- **RF OUT:** Connects to the antenna input (RF IN) of your analog television.
- **VIDEO OUT (Yellow RCA):** Connects to the video input (yellow) of your analog television.
- **AUDIO OUT L/R (White/Red RCA):** Connects to the left and right audio inputs (white/red) of your analog television.
- **DC IN:** Connects to the provided power adapter.

## 5. SETUP

1. **Connect Antenna:** Connect your digital antenna to the **ANT IN** port on the rear of the converter box.
2. **Connect to TV (Option 1: RF Coaxial):**
  - Connect a coaxial cable from the **RF OUT** port on the converter box to the **ANT IN** or **RF IN** port on your analog television.
  - Tune your TV to channel 3 or 4 (the channel the converter box outputs).
3. **Connect to TV (Option 2: Composite Video/Audio):**
  - Connect a composite video cable (yellow) from the **VIDEO OUT** port on the converter box to the corresponding yellow video input on your analog television.
  - Connect RCA audio cables (white for left, red for right) from the **AUDIO OUT L/R** ports on the converter box to the corresponding white and red audio inputs on your analog television.
  - Select the appropriate A/V input on your TV (e.g., Video 1, AV, Input).
4. **Connect Power:** Plug the provided power adapter into the **DC IN** port on the converter box, then plug the adapter into a wall outlet.
5. **Power On:** Press the Power button on the converter box or the remote control. The Power indicator light should illuminate.
6. **Initial Channel Scan:**
  - Upon first power-on, the unit may automatically prompt you to perform a channel scan. If not, access

the main menu using the remote control and navigate to the "Channel Scan" or "Auto Tune" option.

- Initiate the scan. This process will search for available digital channels in your area. This may take several minutes.
- Once the scan is complete, the converter box will save the found channels.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Remote Control Functions

The remote control allows you to manage all functions of the converter box. Ensure the included AAA batteries are correctly inserted.

- **POWER:** Turns the converter box on or off.
- **CH +/-:** Changes channels up or down.
- **VOL +/-:** Adjusts the audio volume.
- **MUTE:** Silences the audio output.
- **MENU:** Accesses the main menu for settings and options.
- **GUIDE:** Displays the Electronic Program Guide (EPG), if available.
- **INFO:** Displays current channel information.
- **OK/ENTER:** Confirms selections in menus.
- **Arrow Buttons (Up/Down/Left/Right):** Navigates through menus and options.
- **EXIT:** Exits the current menu or screen.
- **NUMBER BUTTONS (0-9):** Directly enters channel numbers.

### 6.2 Basic Operation

1. **Selecting Channels:** Use the **CH +/-** buttons to browse channels sequentially, or use the number buttons to directly enter a channel number.
2. **Adjusting Volume:** Use the **VOL +/-** buttons on the remote. Note that your TV's volume control will also affect the sound.
3. **Accessing Menus:** Press the **MENU** button to access settings such as channel management, system settings, and parental controls. Use the arrow buttons to navigate and **OK/ENTER** to select.
4. **Viewing Program Information:** Press the **INFO** button to see details about the current program.

## 7. MAINTENANCE

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- **Cleaning the Unit:**

Wipe the exterior of the converter box with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents as they can damage the finish. Ensure the unit is unplugged before cleaning.

- **Remote Control:**

If the remote control is not responding, check and replace the batteries (2x AAA) if necessary. Ensure there are no obstructions between the remote and the converter box's remote sensor.

- **Storage:**

If storing the unit for an extended period, disconnect it from the power outlet and store it in a cool, dry place away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Ensure the power adapter is securely plugged into the converter box and a working wall outlet.
No picture or sound	Incorrect TV input selected, loose cables, or no signal.	<ul style="list-style-type: none"> <li>◦ Verify your TV is set to the correct input (e.g., AV1, Video, Channel 3/4).</li> <li>◦ Check all cable connections (antenna, video, audio) are secure.</li> <li>◦ Perform a channel scan if you haven't already or if channels are missing.</li> <li>◦ Ensure your antenna is properly positioned for optimal reception.</li> </ul>
Remote control not working	Dead batteries, obstruction, or incorrect aiming.	<ul style="list-style-type: none"> <li>◦ Replace the remote control batteries (2x AAA).</li> <li>◦ Ensure there is a clear line of sight between the remote and the converter box's sensor.</li> <li>◦ Point the remote directly at the converter box.</li> </ul>
Poor picture quality or pixelation	Weak antenna signal.	<ul style="list-style-type: none"> <li>◦ Adjust your antenna's position.</li> <li>◦ Consider using a stronger antenna or an antenna amplifier.</li> <li>◦ Re-scan for channels after adjusting the antenna.</li> </ul>

## 9. SPECIFICATIONS

- **Model:** TB110MW9A
- **Brand:** Magnavox
- **Product Dimensions:** 11.2 x 8.3 x 3.7 inches
- **Item Weight:** 2.1 pounds
- **Interface Type:** RF Coaxial In/Out, Composite Video/Audio Out
- **Number of Channels:** 1 (output channel for analog TV)
- **Power Source:** AC/DC Adapter (included)
- **Batteries:** 2 AAA batteries (for remote, included)
- **UPC:** 053818560181

## 10. WARRANTY AND SUPPORT

This product is sold without an explicit warranty. For technical support or inquiries, please refer to the official Magnavox customer service channels or visit their website. Contact information can typically be found on the product packaging or the official brand website.

[Visit the Magnavox Store on Amazon](#) for more product information.