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› [MAGNAVOX MDR513H/F7 HDD and DVD Recorder with Digital Tuner Instruction Manual](#)

## MAGNAVOX MDR513H/F7

# MAGNAVOX MDR513H/F7 HDD and DVD Recorder with Digital Tuner Instruction Manual

Model: MDR513H/F7

## 1. PRODUCT OVERVIEW

The MAGNAVOX MDR513H/F7 is an HDD and DVD Recorder equipped with a Digital Tuner, designed for recording and playing back television content. This device allows users to record TV shows to its internal 320GB Hard Disk Drive (HDD) or directly to a DVD. It features a built-in ATSC/NTSC Tuner for receiving over-the-air digital and analog broadcasts.

### Key Features:

- Records up to 387 hours onto the 320GB HDD.
- 1080p Up-conversion for enhanced picture quality during playback.
- 4-Way Dubbing functionality: HDD to DVD, DVD to HDD, DV to HDD, and DV to DVD.
- HDMI Output for high-definition connectivity.
- Built-in ATSC/NTSC Tuner (SD Output).
- One-touch recording (OTR) and 1-button dubbing for convenience.
- Six recording modes with record times from 64-387 minutes on HDD and 60-360 minutes on disc.
- Ability to watch, forward, rewind, or freeze live TV while recording.
- Plays MP3 audio files and JPEG digital camera photos.

## 2. SETUP GUIDE

### Unboxing and Initial Inspection:

Upon opening the package, ensure all components are present:

- MAGNAVOX MDR513H/F7 Unit
- Remote control
- Power cable
- RCA composite audio/video cables (may vary by package)
- HDMI audio/video cable (may vary by package)

The remote control requires 2 AA batteries (not always included).

## Connecting Your Device:

Follow these steps to connect your MDR513H/F7 recorder:

1. **Power Connection:** Connect the power cable to the recorder and then to a wall outlet.
2. **Antenna/Cable Connection:** Connect your TV antenna or cable signal to the 'Antenna In' port on the recorder.
3. **TV Connection:**
  - For best picture quality, connect an HDMI cable from the 'HDMI Out' port on the recorder to an available HDMI input on your television.
  - Alternatively, use component video (YPbPr) or composite video (RCA) cables for standard definition connections.
4. **Audio Connection:** If using component or composite video, ensure audio cables (red/white RCA) are also connected to your TV or audio receiver.
5. **External Devices (Optional):** The recorder features various input/output connectors for external devices:
  - Analog: 2x 2-Channel Audio (RCA), 1x Component Video, 1x Composite Video, 3x S-Video, 1x Analog RF.
  - Digital: 1x HDMI, 1x Digital Coaxial Audio, 1x Firewire.

For a visual guide on connecting a video capture device, you may refer to the following video. Please note that this video features a different product (ClonerAlliance Box Pro) but demonstrates general connection principles for video recorders.

Your browser does not support the video tag.

**Video Description:** This video demonstrates the unboxing and connection process for a ClonerAlliance Box Pro, a standalone video recorder. It shows how to connect the device to a power source, a USB storage device, and an HDMI input/output. The video highlights the various ports available on the device, including HDMI, USB, and audio jacks, and explains how to initiate recording. This serves as a general example for connecting video recording equipment.



**Image Description:** A black MAGNAVOX MDR513H/F7 HDD and DVD Recorder with Digital Tuner. The device is rectangular with a sleek, dark finish, featuring a disc tray on the front and various control buttons. This image provides a clear view of the product's design and front panel.

## 3. OPERATING INSTRUCTIONS

### Recording TV Programs:

- **One-Touch Recording (OTR):** Press the 'Record' button on the remote control to start recording the currently viewed program. Press again to extend recording time.
- **Scheduled Recording:** Access the on-screen menu to set up recordings for future programs. You can choose from six recording modes, affecting quality and duration.
- **Live TV Control:** While watching live TV, you can pause, rewind, or fast-forward the broadcast. The recorder temporarily stores the live stream on the HDD for this functionality.

## Playback:

- **HDD Playback:** Navigate to the HDD menu to select and play recorded programs.
- **DVD Playback:** Insert a DVD into the disc tray. The recorder will automatically detect and play the disc.
- **1080p Up-conversion:** For content recorded in standard definition, the recorder can upscale the output to 1080p when connected via HDMI, providing a sharper image on compatible displays.
- **Media Playback:** Insert a USB drive containing MP3 audio files or JPEG digital camera photos into the USB port to view or listen to your media.

## Editing and Dubbing:

- **Editing Features:** Utilize the editing functions to remove unwanted sections, such as commercials, from recorded content on the HDD before saving.
- **1-Button Dubbing:** Easily transfer content between the HDD and DVD with a single button press.
- **4-Way Dubbing:** The device supports dubbing from HDD to DVD, DVD to HDD, DV (Digital Video) to HDD, and DV to DVD, offering flexible content management.

## 4. MAINTENANCE

### Cleaning:

- **Exterior:** Wipe the exterior of the unit with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Disc Tray:** Keep the disc tray free of dust and debris. Avoid touching the lens inside the tray.

### Ventilation:

Ensure adequate ventilation around the recorder. Do not block any ventilation openings. Overheating can affect performance and longevity.

### Software Updates:

Check the official MAGNAVOX website periodically for any available firmware updates to ensure optimal performance and access to the latest features.

## 5. TROUBLESHOOTING

### Common Issues and Solutions:

- **Unit Lock-ups:** Some users have reported unit lock-ups, often related to automatic date and clock settings from TV stations. To resolve this, set the date and time manually through the device's settings.
- **Lost Program Timers:** In the event of a power outage or surge, program timers may be lost. It is recommended to connect the recorder to a power surge protector or battery backup unit to prevent data loss and protect the device.
- **No HD Recording:** This recorder does not record in High Definition (HD). It up-converts to 1080p for playback only. Shows broadcast in 480p will display with black bars on the sides, and 480p widescreen shows may have black bars on the sides, top, and bottom. A zoom feature is available during playback to compensate.

## 6. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand Name	MAGNAVOX
Item Weight	7.5 pounds
Product Dimensions	11.5 x 16.6 x 2.4 inches
Item Model Number	MDR513H/F7
Color Name	Black
Specification Met	Energy Star
Special Features	Progressive Scan, Recording
Media Type	DVD
Resolution	1920x1080 (Up-conversion)
Connector Type	HDMI
Connectivity Technology	HDMI, RCA
Audio Output Mode	Surround

## 7. WHAT'S IN THE Box

- Remote control
- Power cable
- Possibly RCA cables (check packaging for exact contents)

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official MAGNAVOX website. Specific warranty terms and conditions may vary.