

Sharp BD-HDW43

Sharp AQUOS BD-HDW43 320GB 2-Tuner Blu-ray Recorder User Manual

Model: BD-HDW43

INTRODUCTION

The Sharp AQUOS BD-HDW43 is a 320GB Blu-ray recorder featuring dual-tuner simultaneous full HD recording. This advanced model supports up to 8.5x full HD recording, allowing approximately 36 hours of recording on a single 50GB Blu-ray disc. It is designed to record full HD video, 5.1ch audio, and linked data with high-quality pure recording, enabling full digital double recording for extended high-definition recording of two programs simultaneously. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Figure 1: Front view of the Sharp AQUOS BD-HDW43 Blu-ray Recorder.

SETUP

Follow these steps to properly set up your Sharp AQUOS BD-HDW43 Blu-ray Recorder:

1. **Unpacking:** Carefully remove the recorder and all accessories from the packaging. Ensure all components are present.
2. **Placement:** Place the recorder on a stable, level surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight.
3. **Antenna Connection:** Connect your TV antenna cable to the 'Antenna Input' terminal on the rear of the recorder. Then, connect an RF cable from the 'Antenna Output' terminal on the recorder to the 'Antenna Input' on your television.
4. **Video/Audio Connection (HDMI):** For the best picture and sound quality, connect an HDMI cable from the HDMI output terminal on the recorder to an available HDMI input on your TV.
5. **Other Connections (Optional):**
 - **LAN:** Connect an Ethernet cable to the LAN terminal for network features.
 - **DV Terminal:** Use for connecting compatible digital video cameras.
 - **D-Terminal (D4x1):** For connecting to TVs with D-terminal inputs.
 - **Optical Digital Audio:** For high-quality digital audio output to an amplifier or home theater system.
6. **Power Connection:** Plug the power cord into the AC inlet on the recorder, then into a wall outlet.
7. **Initial Setup:** Turn on the recorder and your TV. Follow the on-screen instructions for initial setup, including channel scanning and clock settings.



Figure 2: Rear panel connections of the Sharp AQUOS BD-HDW43 Blu-ray Recorder.

OPERATING INSTRUCTIONS

This section covers basic operations of your Blu-ray recorder.

Recording Programs

- **Scheduled Recording:** Access the electronic program guide (EPG) to select programs for recording. The BD-HDW43 supports dual-tuner simultaneous recording, allowing you to record two programs at once.
- **Recording Modes:** Choose from various recording modes, including full HD recording at up to 8.5x compression, which maximizes storage capacity while maintaining high video quality.
- **Instant Recording:** Press the 'Record' button on the remote control to start recording the currently viewed program.

Playback

- **HDD Playback:** Navigate to the recorded title list to select and play back programs stored on the internal hard disk drive.
- **Blu-ray/DVD Playback:** Insert a Blu-ray disc or DVD into the disc drive. The recorder will typically start playback automatically. Use the remote control for playback functions such as play, pause, stop, fast forward, and rewind.

Disc Management

- **Dubbing:** Transfer recorded content from the HDD to a Blu-ray disc or DVD. Refer to the on-screen menu for dubbing options and settings.
- **Finalizing Discs:** After recording to a BD-R/RE or DVD-R/RW, finalize the disc if you intend to play it on other compatible players.



Figure 3: Front panel of the recorder with the disc tray open, showing controls.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your recorder.

- **Cleaning the Unit:** Wipe the exterior of the recorder with a soft, dry cloth. Do not use liquid cleaners, abrasive pads, or chemical sprays, as these can damage the finish.
- **Disc Care:** Handle discs by their edges. Keep them clean and free of scratches. Store discs in their cases when not in use. Avoid exposing discs to direct sunlight or extreme temperatures.
- **Ventilation:** Ensure that the ventilation openings on the recorder are not blocked. Adequate airflow prevents overheating.
- **Firmware Updates:** Periodically check the Sharp support website for any available firmware updates for your model. Updates can improve performance and add new features.

TROUBLESHOOTING

If you encounter issues with your recorder, refer to the following common problems and solutions:

| Problem | Possible Cause / Solution |
|---|--|
| No Power | Ensure the power cord is securely plugged into both the recorder and a working wall outlet. |
| No Picture/Sound on TV | Check all video and audio cables (e.g., HDMI) are correctly connected. Ensure the TV input is set to the correct source (e.g., HDMI 1). |
| Disc Not Reading / Playback Issues | Ensure the disc is clean and free of scratches. Try a different disc to rule out a faulty disc. If the issue persists, the disc drive may require servicing. |
| Remote Control Unresponsive | Check the batteries in the remote control and replace them if necessary. Ensure there are no obstructions between the remote and the recorder's IR sensor. If using a universal remote, ensure it is programmed correctly for Sharp devices. |

| Problem | Possible Cause / Solution |
|---|--|
| Poor Recording Quality (especially at 8.5x mode) | Highly compressed recording modes (like 8.5x) may show reduced detail or artifacts, especially in fast-moving scenes or complex images. For critical recordings, use a lower compression mode (e.g., 5x or less) for better quality. |
| Scheduled Recording Failed | Verify that the program guide information is correct and that the recorder was powered on or in standby mode at the scheduled time. Check for conflicting recordings. |

SPECIFICATIONS

Detailed technical specifications for the Sharp AQUOS BD-HDW43 Blu-ray Recorder:

- **Brand:** Sharp
- **Model Number:** BD-HDW43
- **Storage Capacity:** 320GB HDD
- **Tuners:** 2 (Dual-tuner simultaneous recording)
- **Compatible Media:** BD/DVD-R/-RW
- **Resolution:** 1920 x 1080 pixels (1080p video output)
- **Connectivity Technology:** HDMI, USB
- **Input/Output Terminals:**
 - LAN Terminal: Yes
 - DV Terminal: Yes
 - D-Terminal (Output): D4x1
 - Optical Digital Audio (Output): 1
 - HDMI Terminal (Output): 1
- **HDD Recording Time:** Approximately 453 hours (standard mode) / 28 hours (high quality mode)
- **Media Recording Time:** Approximately 36 hours (8.5x full HD recording on 50GB BD) / 4.3 hours (standard mode on 50GB BD)
- **High-speed HD Dubbing (HDD to Disc):** 60x
- **Max Scheduled Programs:** 65/year
- **3D Video:** Not supported
- **Progressive Scan:** Supported
- **Program Guide (EPG):** Yes
- **Audio Output Mode:** Stereo, Surround
- **Supported Audio Formats:** Dolby Digital, DTS, PCM
- **Speaker Channel Configuration:** 5.1
- **Video Encoding Format:** H.264/AVC
- **Compatible Devices:** TV
- **Analog Video Format:** NTSC
- **File Formats (Playback):** MP4, AVI, MP3, JPEG
- **Item Weight:** 4.5 kg

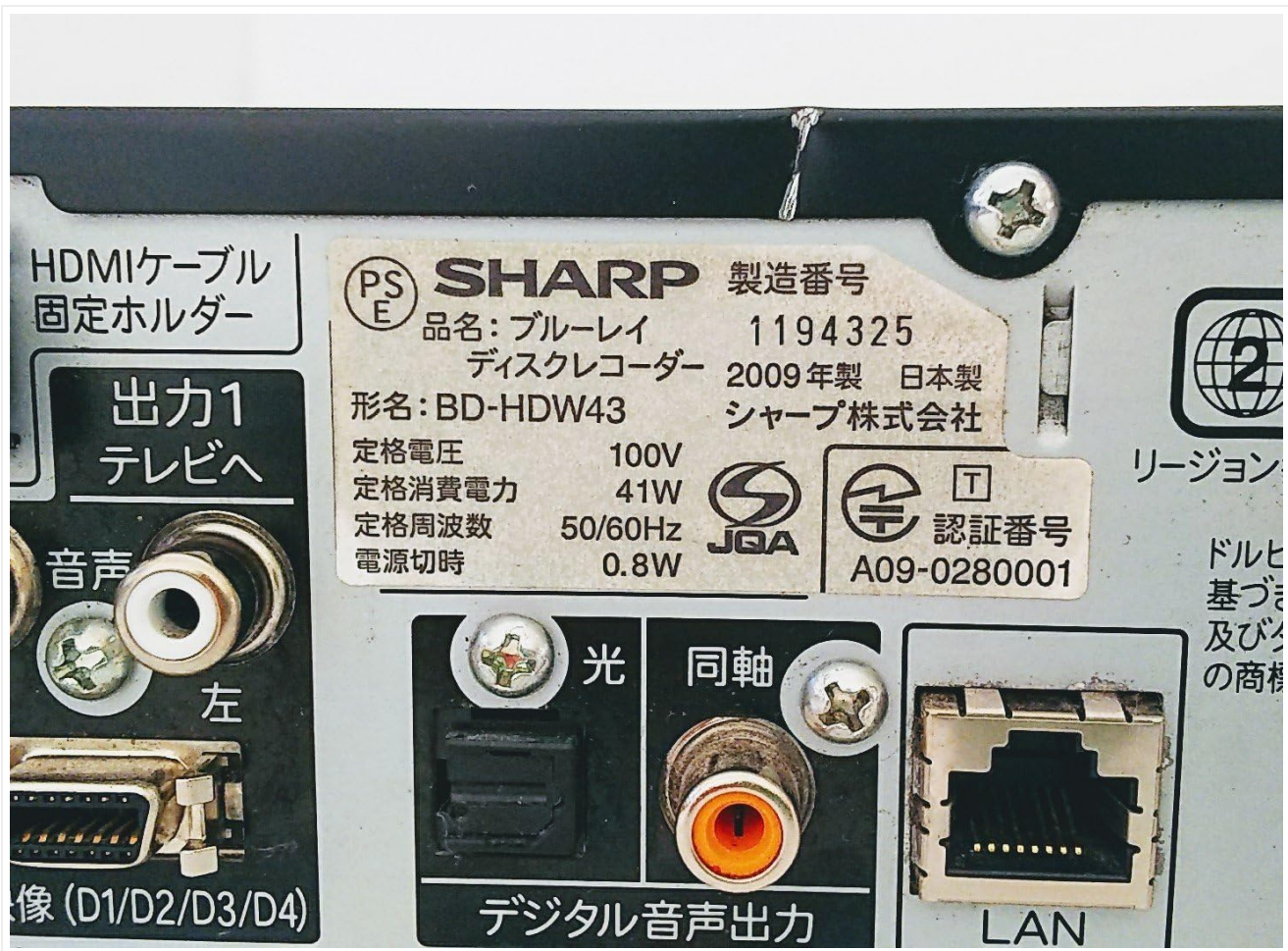


Figure 4: Product label showing model number BD-HDW43 and other details.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Sharp customer service directly. Details regarding your product's warranty period and terms can typically be found in the documentation included with your purchase or on the official Sharp website.

Manufacturer: Sharp Corporation