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Produplicator BDR-211UBK

Pioneer BDR-211UBK Internal Ultra HD 4K Blu-ray BDXL Burner User Manual

Model: BDR-211UBK

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Pioneer BDR-211UBK Internal Ultra HD 4K Blu-ray BDXL Burner. This drive is designed for reading and writing to various optical media, including Ultra HD Blu-ray discs, standard Blu-ray discs, DVDs, and CDs. Please read this manual thoroughly before installation and use to ensure proper functionality and longevity of the product.

WHAT'S IN THE BOX

Verify that all the following components are included in your package:

- Pioneer BDR-211UBK Ultra HD 4K Blu-ray Drive
- 25GB Verbatim M-Disc BD-R
- Cyberlink Media Suite 10 Software Disc
- SATA Data Cable
- SATA Power Cable Adapter (if included, typically a 4-pin Molex to SATA power adapter)
- Mounting Screws



Image: Contents of the Pioneer BDR-211UBK bundle, including the drive, software, M-Disc, and connection cables.

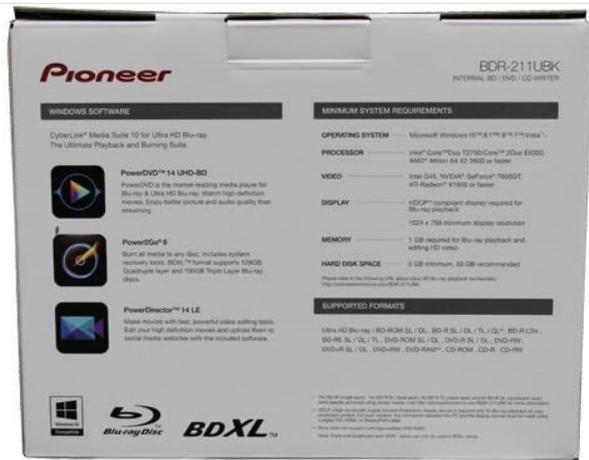


Image: The Pioneer BDR-21UBK drive itself, along with its retail packaging highlighting key features and system requirements.

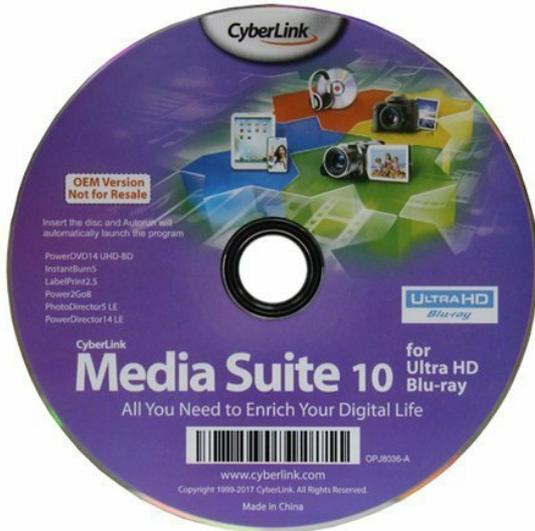
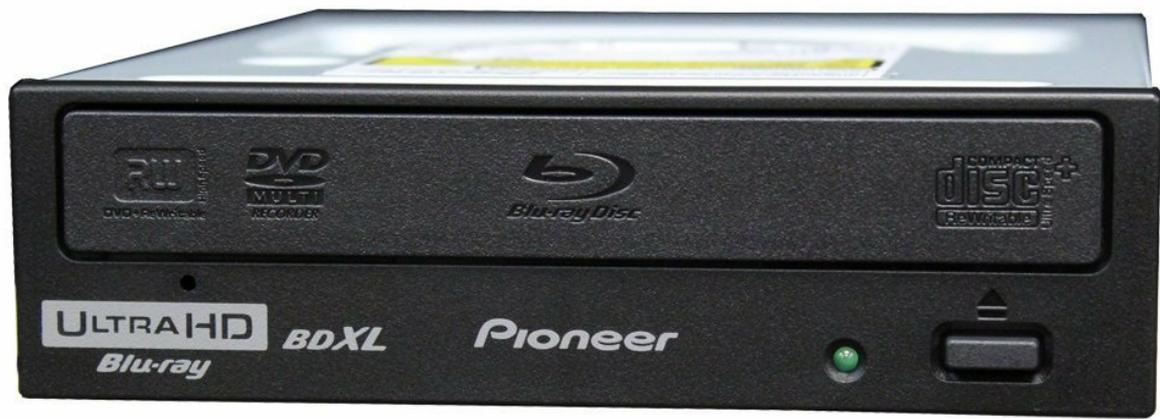


Image: The Cyberlink Media Suite 10 software disc, essential for Ultra HD Blu-ray playback and other media functions.

SETUP AND INSTALLATION

Hardware Installation

1. **Prepare your PC:** Power off your computer and disconnect all cables. Open the computer case.
2. **Install the drive:** Locate an available 5.25-inch drive bay. Slide the Pioneer BDR-211UBK drive into the bay from the front of the case. Secure the drive with the provided mounting screws.
3. **Connect cables:**
 - Connect one end of the SATA data cable to the drive and the other end to an available SATA port on your motherboard.
 - Connect the SATA power cable from your power supply to the drive. If your power supply does not have a native SATA power connector, use the provided SATA power cable adapter.
4. **Close PC case:** Once connections are secure, close your computer case and reconnect all external cables.
5. **Power on:** Turn on your computer. The operating system should detect the new drive.

Software Installation (Cyberlink Media Suite 10)

The included Cyberlink Media Suite 10 software is essential for utilizing the full capabilities of your drive, especially for Ultra HD Blu-ray playback.

1. Insert the Cyberlink Media Suite 10 disc into the newly installed drive.
2. Follow the on-screen prompts to install the software. It is recommended to perform a full installation.
3. After installation, restart your computer if prompted.
4. Check for and install any available software updates from Cyberlink to ensure optimal performance and compatibility, especially for Ultra HD Blu-ray playback.

OPERATING INSTRUCTIONS

Disc Loading and Ejecting

- **To Load a Disc:** Press the eject button on the drive's front panel. The disc tray will open. Place the disc gently onto the tray with the label side facing up. Press the eject button again or gently push the tray to close it.
- **To Eject a Disc:** Press the eject button on the drive's front panel. Alternatively, right-click the drive icon in "This PC" (Windows) or "Finder" (macOS, if compatible) and select "Eject".

Reading Discs

Once a disc is loaded, your operating system should automatically detect it. You can access the disc's contents through "This PC" (Windows) or "Finder" (macOS). For media playback, use the Cyberlink Media Suite or other compatible software.

Writing Discs (Burning)

The Pioneer BDR-211UBK supports writing to BD-R, BD-RE, DVD-R/RW, DVD+R/RW, CD-R/RW, and BDXL media. Use the burning software included in Cyberlink Media Suite 10 or other third-party burning applications to create data discs, video discs, or audio discs.

- **BDXL Support:** This drive supports BDXL media, including 100GB Triple Layer (TL) and 128GB Quadruple Layer (QL) Blu-ray Discs, offering significantly increased storage capacity.
- **M-Disc Support:** The drive is compatible with Verbatim M-Disc BD-R media, designed for archival-grade data storage with enhanced longevity.

ULTRA HD BLU-RAY PLAYBACK REQUIREMENTS

Meeting these requirements is critical for successful Ultra HD Blu-ray playback. Failure to meet any of these specifications may result in playback issues or inability to play Ultra HD Blu-ray content.

Component	Minimum Requirement
Operating System	Windows 10
CPU	7th generation Intel Core i7 / i5 processor for Desktop PC (Kaby Lake-S) or Notebook PC (Kaby Lake-H). <i>U-series processors are incompatible.</i>

Component	Minimum Requirement
GPU	Intel HD Graphics 630 (Internal GPU for 7th generation processor). Ultra HD Blu-ray is supported only if a display is powered by Intel Graphics and supports HDCP 2.2. If your computer includes more than one graphics processor, Ultra HD Blu-ray is supported only on the display connected and powered by Intel Graphics.
Memory	6 GB minimum
External Display	HDMI 2.0a and HDCP 2.2 compatible. 4K display (3840 x 2160 minimum resolution). HDR compatible (incompatible displays reproduce HDR content with HDR>SDR format).
Motherboard	Intel SGX (Software Guard Extensions) support. Intel 200 series motherboard. HDCP 2.2 / HDMI 2.0a output compatible. Intel internal GPU output compatible.

MAINTENANCE

- **Keep the drive clean:** Periodically clean the exterior of the drive with a soft, dry cloth. Do not use liquid cleaners directly on the drive.
- **Handle discs carefully:** Always hold discs by their edges. Avoid touching the data surface. Store discs in their cases to prevent scratches and dust accumulation.
- **Avoid extreme conditions:** Do not expose the drive to extreme temperatures, humidity, or direct sunlight.
- **Firmware updates:** Check the Pioneer support website periodically for firmware updates for your drive. Firmware updates can improve performance, compatibility, and address known issues.

TROUBLESHOOTING

Drive Not Detected by PC

- Ensure all SATA data and power cables are securely connected to both the drive and the motherboard/power supply.
- Check your computer's BIOS/UEFI settings to confirm the SATA port is enabled and the drive is recognized.
- Try connecting the drive to a different SATA port or using different cables.

Disc Read/Write Errors

- Ensure the disc is clean and free of scratches or smudges. Use a soft, lint-free cloth to clean the disc from the center outwards.
- Verify that the disc type is compatible with the drive (e.g., trying to burn to a read-only disc).
- Try a different disc to rule out a faulty disc.
- Update the drive's firmware and the Cyberlink software to the latest versions.

Ultra HD Blu-ray Playback Issues

This is a common area for issues. Refer to the "Ultra HD Blu-ray Playback Requirements" section carefully.

- **System Compatibility:** Double-check that your entire system (CPU, GPU, Motherboard, Display, OS, and software) meets *all* the minimum requirements for Ultra HD Blu-ray playback. Even one unmet

requirement can prevent playback.

- **Software Updates:** Ensure Cyberlink Media Suite 10 (or your chosen playback software) is fully updated.
- **Graphics Driver:** Ensure your Intel HD Graphics 630 drivers are up to date.
- **HDCP 2.2:** Confirm your display and all components in the display chain (cables, adapters, receiver) support HDCP 2.2.
- **Intel SGX:** Verify that Intel Software Guard Extensions (SGX) are enabled in your motherboard's BIOS/UEFI settings.
- **Display Connection:** Ensure your display is connected to the motherboard's integrated graphics output, not a discrete graphics card, as required for Intel HD Graphics 630 playback.

SPECIFICATIONS

Feature	Detail
Model Number	BDR-211UBK
Optical Drive Type	BD-RE DL (Blu-ray Disc Rewritable Dual Layer)
Interface	SATA
Write Speed (Max)	BD-R: 16x, DVD-R: 16x, CD-R: 40x
Read Speed (Max)	BD-ROM: 12x, DVD-ROM: 16x, CD-ROM: 40x
BDXL Support	Yes (100GB TL, 128GB QL)
M-Disc Support	Yes
Operating System Compatibility	Windows Vista, 7, 8, 8.1, 10 (Ultra HD Blu-ray playback requires Windows 10)
Dimensions (LxWxH)	1.67 x 5.83 x 7.09 inches
Weight	1.63 pounds

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer, Syster Systems, Inc., or the brand, Produplicator, directly. Ensure you have your product model number (BDR-211UBK) and proof of purchase available when seeking support.

Regularly check the official Pioneer website for driver and firmware updates to ensure optimal performance and compatibility.

