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BUFFALO HD-PS320U2

Buffalo MiniStation Portable 320GB USB 2.0 Hard Drive User Manual

Model: HD-PS320U2
Brand: BUFFALO

Introduction

This manual provides comprehensive instructions for the Buffalo MiniStation Portable 320GB USB 2.0 Hard Drive, model HD-PS320U2. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The MiniStation is a portable external hard drive designed for reliable data storage and transfer, featuring a shock-resistant chassis and a convenient wrap-around USB cable.

Safety Information

Please read the following safety precautions carefully before using your MiniStation:

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to severe impacts, despite its shock-resistant design.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage.
- Keep the device away from liquids and strong magnetic fields.
- Ensure proper ventilation when in use to prevent overheating.
- Always safely eject the drive from your computer before disconnecting the USB cable to prevent data corruption.

Package Contents

Verify that all items are present in the package:

- Buffalo MiniStation Portable 320GB USB 2.0 Hard Drive (HD-PS320U2)
- Integrated USB 2.0 Cable
- Quick Setup Guide (or similar documentation)

Product Overview

The Buffalo MiniStation HD-PS320U2 is a compact and durable external hard drive. Its design incorporates a shock-

resistant chassis and a floating internal structure to absorb impacts and minimize vibration, protecting your data. The integrated USB cable wraps conveniently around the case for easy portability.



Figure 1: Buffalo MiniStation Portable 320GB USB 2.0 Hard Drive. This image shows the compact black casing of the MiniStation with its integrated USB cable wrapped around the side, ready for connection.

Key Features:

- **Shock Resistant Chassis:** The tough, impact-resistant plastic case provides an outer layer of protection.
- **Internal Shock Absorption:** Inside the MiniStation, the hard drive is surrounded by shock-absorbent materials.
- **Floating Design:** This design absorbs shocks and minimizes vibration, enhancing data safety.
- **Convenient Wrap-Around USB Cable:** The integrated USB cable can be wrapped around the case, ensuring it is always available and never misplaced.
- **USB 2.0 Interface with TurboUSB:** Provides fast data transfer speeds for efficient operation.

Setup

System Requirements:

- Available USB 2.0 port
- Compatible operating system (e.g., Windows, macOS)

Connecting the MiniStation:

1. Unwrap the integrated USB cable from around the MiniStation casing.
2. Connect the USB cable to an available USB 2.0 port on your computer.
3. The MiniStation is typically powered directly by the USB port. In some cases, especially with older or low-power USB ports, you may need to connect both USB plugs if the cable has a Y-split design, to ensure sufficient power.
4. Your operating system should automatically detect and install the necessary drivers. The drive will appear as a removable storage device.

Note: For optimal performance, ensure your computer's USB drivers are up to date. The MiniStation is pre-formatted and ready for use upon connection.

Operating the MiniStation

Transferring Files:

1. Once connected, open "My Computer" or "This PC" (Windows) or "Finder" (macOS).
2. Locate the MiniStation drive, usually labeled as a new drive letter or volume.
3. Drag and drop files or folders to and from the MiniStation as you would with any other drive.
4. For large transfers, ensure your computer remains powered on and connected.

Using TurboUSB (if applicable):

The MiniStation features Buffalo's TurboUSB technology, which can enhance data transfer speeds beyond standard USB 2.0 rates. This typically requires specific drivers or software provided by Buffalo, which may be pre-loaded on the drive or

available for download from the Buffalo support website. Install any such software to utilize the TurboUSB feature.

Safely Disconnecting the Drive:

To prevent data corruption, always safely remove the MiniStation before disconnecting it:

- **Windows:** Click the "Safely Remove Hardware and Eject Media" icon in the system tray, then select the MiniStation. Wait for the "Safe to Remove Hardware" message.
- **macOS:** Drag the MiniStation icon from the desktop or Finder sidebar to the Trash icon (which changes to an Eject icon), or right-click (Ctrl-click) the drive icon and select "Eject".

Maintenance

Care and Cleaning:

- Wipe the exterior of the MiniStation with a soft, dry, lint-free cloth.
- Do not use liquid cleaners, aerosols, or solvents.
- Keep the USB port free of dust and debris.

Data Backup:

While the MiniStation is designed for durability, no storage device is immune to failure. It is highly recommended to regularly back up critical data stored on the MiniStation to another location (e.g., your computer's internal drive, cloud storage, or another external drive) to prevent data loss.

Troubleshooting

Problem	Possible Cause	Solution
Drive not detected by computer.	Loose USB connection, insufficient power, driver issue, or faulty USB port.	Ensure the USB cable is securely connected to both the MiniStation and the computer. If using a Y-cable, connect both USB plugs to the computer. Try a different USB port on your computer. Restart your computer. Check Device Manager (Windows) or System Information (macOS) to see if the drive is listed. Update or reinstall USB drivers if necessary.
Slow data transfer speeds.	Not using USB 2.0 port, TurboUSB not enabled, or fragmented drive.	Ensure you are connected to a USB 2.0 port (or higher, which is backward compatible). Install or enable Buffalo's TurboUSB software/drivers if available. Defragment the drive (Windows) or verify disk permissions (macOS) if performance degrades over time.
Drive disconnects randomly.	Insufficient power, loose connection, or power management settings.	Ensure adequate power supply, especially if using a Y-cable. Check for loose cable connections. Disable USB selective suspend setting in Windows Power Options.

Specifications

Feature	Detail
Model Number	HD-PS320U2
Digital Storage Capacity	320 GB
Hard Disk Interface	USB 2.0
Connectivity Technology	USB
Brand	BUFFALO
Special Feature	Portable, Shock Resistant
Hard Disk Form Factor	2.5 Inches
Hard Disk Description	portable
Compatible Devices	Desktop (and Laptops)
Installation Type	External Hard Drive
Color	Black
Product Dimensions	3.3 x 5 x 0.8 inches
Item Weight	6.7 ounces
Manufacturer	BUFFALO
Date First Available	November 23, 2007

Warranty and Support

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official BUFFALO website. BUFFALO provides technical support for its products. For assistance with setup, troubleshooting, or other inquiries, please visit the BUFFALO support page or contact their customer service.
Official BUFFALO Website: www.buffalo.com
Note: Warranty terms and support availability may vary by region.

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