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Microsoft P3Q-00003

Microsoft Wireless Display V2 Adapter User Manual

Model: P3Q-00003
Brand: Microsoft

1. Introduction

The Microsoft Wireless Display V2 Adapter allows you to wirelessly project content from your Miracast-enabled device to an HDTV or monitor. This adapter utilizes Wi-Fi Certified Miracast technology, enabling you to mirror or extend your screen for various applications, including streaming media, viewing photos, or delivering presentations. It provides a reliable connection with an operational range of up to 23 feet.



Image 1.1: The Microsoft Wireless Display V2 Adapter, a compact black device with HDMI and USB connectors.

2. Setup

Follow these steps to set up your Microsoft Wireless Display V2 Adapter:

1. **Connect the Adapter to Your Display:** Plug the HDMI connector of the Wireless Display Adapter into an available HDMI port on your HDTV or monitor.
2. **Provide Power:** Plug the USB connector of the Wireless Display Adapter into an available USB port on your HDTV or monitor for power. If your display does not have a USB port, you can use a USB power adapter (not included) connected to a wall outlet.
3. **Select Input:** Switch your HDTV or monitor's input source to the HDMI port where the adapter is connected. You should see a Microsoft Wireless Display Adapter screen.
4. **Connect from Your Device:**
   - **For Windows 10/8.1 Devices:** On your PC, press the `Windows key` + `K`. This will open the 'Connect' pane.
   - Select the Microsoft Wireless Display Adapter from the list of available devices.
   - Your device's screen should now be mirrored or extended to your HDTV or monitor.

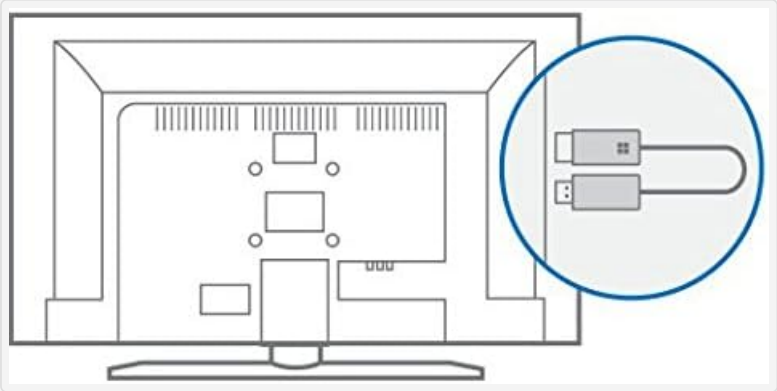


Image 2.1: Illustration of connecting the Wireless Display Adapter's HDMI and USB plugs into the corresponding ports on the back of a television.



Image 2.2: A laptop screen is wirelessly mirrored to a large television display, demonstrating the adapter in use. The adapter is shown connected to the back of the TV.

3. Operating the Adapter

Once connected, the adapter allows for flexible display options:

- **Mirroring:** Your device's screen content is duplicated on the larger display.
- **Extending:** The larger display acts as a secondary monitor, allowing you to expand your desktop workspace.
- **Compatibility:** The adapter is compatible with Miracast-enabled Windows 10 and Windows 8.1 devices, including Surface devices (e.g., Surface Book, Surface Laptop, Surface Pro, Surface 3). Full functionality may not be available with non-HDCP devices.
- **Range:** The adapter maintains a reliable connection up to 23 feet from the source device.
- **Limitations:** This adapter is not compatible with Apple systems, as they utilize a different wireless display standard. While suitable for most applications, some users may experience minor input lag, making it less ideal for fast-paced gaming.



Image 3.1: The Microsoft Wireless Display V2 Adapter shown with its cable looped and secured, highlighting its portable design for easy packing and travel.

4. Maintenance

To ensure optimal performance and longevity of your Wireless Display Adapter:

- **Storage:** When not in use, you can snap the ends of the adapter together for compact storage and travel.
- **Cleaning:** Use a soft, dry cloth to clean the adapter. Avoid using liquid cleaners or solvents.
- **Temperature:** The adapter may become warm during extended use. This is normal operating behavior. Ensure adequate ventilation around the device and display.
- **Firmware Updates:** Periodically check for firmware updates using the Microsoft Wireless Display Adapter app (available from the Microsoft Store) on a compatible Windows device. Updates can improve performance and compatibility.

5. Troubleshooting

If you encounter issues with your Wireless Display Adapter, consider the following:

- **Connection Failure:**
  - Ensure the adapter is correctly plugged into both the HDMI and USB ports of your display.
  - Verify that your display is set to the correct HDMI input.
  - Restart both your source device (laptop, tablet) and the display.
- **Windows 11 Compatibility:** If using Windows 11, the adapter may require a firmware update to function correctly. It is recommended to first connect and update the adapter using a Windows 10 device, then attempt connection with a Windows 11 device.
- **Firmware Update Issues:** If the adapter is unable to connect to perform a firmware update, try connecting it to a different compatible Windows 10 device. Ensure the Microsoft Wireless Display Adapter app is installed and up to date.
- **No Display/Broken Logo:** If the display shows a broken Microsoft logo or no signal, try resetting the device by unplugging both HDMI and USB connections for a few seconds, then reconnecting.
- **Lag or Choppiness:** Ensure your source device is within the recommended 23-foot range. Reduce interference from

other wireless devices if possible.

- **Audio Issues:** Check your device's sound settings to ensure audio is directed to the Wireless Display Adapter.

6. Specifications

Model Number	P3Q-00003
Product Dimensions	4.07 x 0.87 x 0.43 inches (10.34 x 2.21 x 1.09 cm)
Item Weight	1.17 ounces (33.17 grams)
Manufacturer	Microsoft
Connector Type	HDMI
Color	Black
Compatible Devices	Miracast-enabled Windows 10/8.1 devices, including Microsoft Surface line
Specific Uses	Monitor, Projector

7. Warranty and Support

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Microsoft support website. For technical assistance, troubleshooting guides, and frequently asked questions, please visit support.microsoft.com.

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