Microsoft P3Q-00001

Microsoft Wireless Display Adapter (Model P3Q-00001) - Instruction Manual

INTRODUCTION

The Microsoft Wireless Display Adapter allows you to wirelessly project content from your Miracast-enabled tablet, laptop, or smartphone to an HDTV or monitor. This device utilizes Wi-Fi CERTIFIED Miracast technology, enabling you to display various content, including movies, personal photos, games, websites, and presentations, on a larger screen. It is compatible with Windows 10 and Windows 8.1 devices, as well as Intel Wireless Display (WiDi) capable devices. Please note that it is not compatible with Surface RT.

PACKAGE CONTENTS

- Microsoft Wireless Display Adapter
- User Manual

SETUP INSTRUCTIONS

1. Physical Connection

To set up the Microsoft Wireless Display Adapter, plug the HDMI connector into an available HDMI port on your HDTV or monitor. Then, plug the USB connector into a USB port on the same display for power. If the USB port is not conveniently located, you may use a USB extension cable (not included) or a USB power adapter (not included) to provide power.

Image: The Microsoft Wireless Display Adapter showing its HDMI and USB connectors, ready for connection to a display.

Image: The Microsoft Wireless Display Adapter shown in a compact, folded position for easy storage and travel.

Image: A close-up view of both ends of the Microsoft Wireless Display Adapter, highlighting the HDMI and USB connectors.

2. Wireless Connection (Miracast)

Once the adapter is powered and connected to your display, switch your display's input to the corresponding HDMI port. The display will show a waiting screen. On your Miracast-enabled Windows 10/8.1 device or compatible Android device, initiate the screen mirroring or casting function. For Windows, typically access this via the Action Center (Windows key + A) and select "Connect," then choose the Microsoft Wireless Display Adapter from the list. For Android, look for "Cast," "Screen Mirroring," or "Smart View" in your quick settings or display settings.

Image: A visual representation of a laptop wirelessly mirroring its screen to a television, with the Microsoft Wireless Display Adapter connected to the TV's HDMI and USB ports.

Video: Connecting to a Display

Your browser does not support the video tag.

Video Description: This video demonstrates how to connect a device to a monitor using a USB-C to HDMI adapter or a USB-C to USB-C cable, and also shows the wireless connection process using a Miracast adapter. It highlights the desktop-like experience on a connected display, including floating windows, desktop versions of Microsoft Office, web browsing, file management, and game controller support. The video also details the Microsoft Miracast adapter, its wired and wireless connection capabilities, and the resolution limitations of wireless connections.

OPERATING INSTRUCTIONS

Once connected, your device's screen will be mirrored or extended to the connected display. You can typically choose between "Duplicate" (mirroring your device's screen) or "Extend" (using the external display as a second monitor) modes through your device's display settings. For optimal performance, ensure your device is within a reasonable range of the adapter.

Display Modes:

- **Duplicate:** Your device's screen content is shown on the external display.
- **Extend:** The external display acts as an additional screen, allowing you to drag windows and content between your device and the external display.

For Windows devices, you can access display settings by right-clicking on the desktop and selecting "Display settings" or by using the Action Center. For Android devices, these options are usually found within the "Display" section of the device's main settings.

TROUBLESHOOTING

- **No Display:** 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.
- **Connection Issues:** Ensure your device's Wi-Fi is enabled (even if not connected to a network) as Miracast uses Wi-Fi Direct. Restart both your source device and the display adapter. Check for any available firmware updates for the adapter via the Microsoft Wireless Display Adapter app (Windows only).
- **Lag or Stuttering:** Wireless connections may experience some latency, especially with fast-paced content like gaming. Ensure your device is close to the adapter and there are no significant obstructions. Wired connections (if using a USB-C to HDMI cable/adapter) generally offer lower latency.
- **Incompatible Device:** The adapter is compatible with Miracast-enabled Windows 10/8.1 devices and Intel WiDi devices. It is not compatible with Surface RT. Verify your device supports Miracast.
- **Audio Not Playing on TV:** On your source device, ensure the audio output is directed to the Wireless Display Adapter. This setting is usually found in your device's sound or display settings.
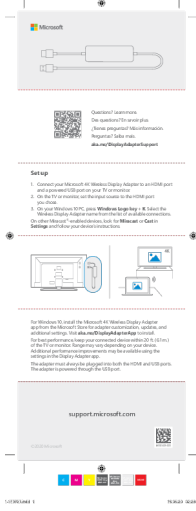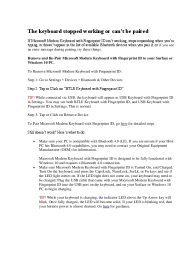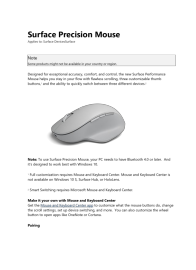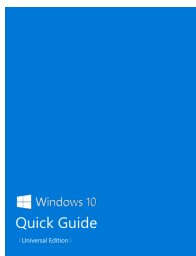
SPECIFICATIONS

Feature	Detail
Brand	Microsoft
Model Number	P3Q-00001
Operating System Compatibility	Windows 10, Windows 8.1 (Miracast enabled)
Wireless Technology	Wi-Fi CERTIFIED Miracast, Intel Wireless Display (WiDi)
Connectors	HDMI (for video/audio), USB (for power)
Dimensions (LxWxH)	0.87 x 15.88 x 0.43 inches
Weight	1.12 ounces
Color	Black

WARRANTY AND SUPPORT

Related Documents - P3Q-00001

	Microsoft 4K Wireless Display Adapter Setup and Installation Guide Learn how to set up and install the Microsoft 4K Wireless Display Adapter for seamless wireless display connectivity. Includes setup steps, app information, and performance tips.
	Troubleshooting Microsoft Modern Keyboard with Fingerprint ID: Connectivity and Pairing Issues Comprehensive guide to resolving issues with the Microsoft Modern Keyboard with Fingerprint ID, including connectivity problems, pairing failures, fingerprint sensor unresponsiveness, and LED indicator status. Provides step-by-step instructions for re-pairing, checking system compatibility, charging, language settings, and Windows Hello troubleshooting.
	Surface Precision Mouse - Features, Pairing, and Setup Guide Learn about the Microsoft Surface Precision Mouse, its features for accuracy and comfort, how to pair multiple devices using Bluetooth, and customize settings with the Mouse and Keyboard Center app.
	Windows 10 Quick Guide: Features and Innovations A comprehensive overview of Windows 10, highlighting key features like Cortana, Microsoft Edge, Gaming & Xbox integration, enhanced security, and user-friendly interface improvements for a seamless computing experience.
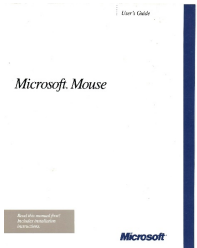
	[Windows 10 Quick Guide (Universal Edition) - Microsoft](#) A concise guide to Microsoft Windows 10, covering key innovations, features like Cortana and Microsoft Edge, gaming capabilities, built-in apps, security, multitasking, and updates. This document provides an overview for users to quickly understand and utilize Windows 10.
	[Microsoft Mouse User's Guide - Installation and Usage Manual](#) Explore the 1986 Microsoft Mouse User's Guide. Learn how to install, configure, and use your Microsoft Mouse with IBM PC compatibles, including setup for Bus, Serial, and InPort versions, software integration, and basic operation.