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YEHUA 778778879349

YEHUA 4K Wireless Display Adapter User Manual

Model: 778778879349 | Brand: YEHUA

INTRODUCTION

The YEHUA 4K Wireless Display Adapter is a versatile device designed to wirelessly project content from your tablet, laptop, or smartphone onto a larger screen, such as a TV or projector. It supports various operating systems including Android, iOS, Mac, and Windows, enabling seamless screen mirroring for videos, photos, presentations, and more. This dongle provides a convenient solution for sharing digital content without the need for cables.



PACKAGE CONTENTS

Upon opening your YEHUA 4K Wireless Display Adapter package, you should find the following items:

- 1 x Wireless Display Dongle
- 1 x WiFi Antenna Cable (USB power cable)
- 1 x English User Manual



Image: The wireless display dongle, WiFi antenna cable, and user manual.

SETUP GUIDE

1. Hardware Installation

1. Locate an available HDMI port on your TV, projector, or monitor.
2. Plug the YEHUA 4K Wireless Display Dongle directly into the HDMI port.
3. Connect the WiFi Antenna Cable (which also serves as the USB power cable) to the dongle's micro USB port.
4. Plug the USB end of the WiFi Antenna Cable into a 5V/2A USB power adapter (not included) or a powered USB port on your display device. Ensure stable power supply for optimal performance.
5. Switch your display device's input source to the corresponding HDMI port where the dongle is connected. You should see the MiraScreen setup screen on your display.



Image: Step-by-step diagram for connecting the dongle to an HDTV and power adapter.

2. Initial Configuration (Connecting to Wi-Fi)

Once the dongle is powered on and connected to your display, the MiraScreen setup screen will appear. This screen displays the SSID (Wi-Fi network name) and password for the dongle's internal Wi-Fi, along with instructions for various operating systems.

1. On your mobile device (smartphone or tablet), go to your Wi-Fi settings.
2. Find and connect to the Wi-Fi network named "MiraScreen [SSID]" (e.g., MiraScreen BP93A200 or MiraScreen BF9EFE29) using the displayed password (e.g., 12345678).
3. Once connected, open a web browser on your mobile device and enter the IP address displayed on the

MiraScreen setup screen (e.g., <http://192.168.203.1>). This will open the dongle's settings page.

4. On the settings page, select "Internet" or "Wi-Fi" to scan for available Wi-Fi networks.
5. Choose your home Wi-Fi network from the list and enter its password to connect the dongle to the internet. This step is crucial for accessing online content and for firmware updates.

For a visual guide on connecting to Wi-Fi and accessing settings, please refer to the official OTA Upgrade Guide video below:

Your browser does not support the video tag.

Video: Official guide on how to connect the MiraScreen dongle to a Wi-Fi network and access its settings for OTA updates.

OPERATING INSTRUCTIONS

The YEHUA Wireless Display Adapter supports various screen mirroring protocols, allowing you to cast content from different devices. The device offers 4K resolution support, low latency, and a strong signal for an enhanced viewing experience.

Small screen to Big Screen

Share the movies videos app game ppt from smartphone laptop to your HD TV, projector and monitor.



4k HD

Low Latency

Strong Signal

















Highly Compatible

Image: Illustrates the concept of mirroring content from a small screen to a large display.

Screen Mirroring/Casting

The dongle is compatible with multiple operating systems, providing flexibility for your casting needs.

Compatibility

			Chrome	
			Google Home	
			Projector	
			Windows	

Notes:

1. Netflix doesn't support IOS Airplay, only supports Android casting
2. Google Home is for Android device
3. Don't support Some paid video APPS

Image: Icons indicating compatibility with various platforms and devices.

Android Devices (Miracast/SmartView)

- Ensure your Android device is connected to the same Wi-Fi network as the dongle (or directly to the dongle's Wi-Fi if not connected to a router).
- Access your device's screen mirroring feature (often called Smart View, Cast, Wireless Display, or Screen Mirroring). The exact name may vary by device manufacturer.
- Select the MiraScreen device from the list of available devices to begin mirroring.
- Alternatively, download the "EZMira" app from the Google Play Store for additional casting options and features.

iOS Devices (AirPlay)

- Connect your iOS device (iPhone, iPad) to the MiraScreen dongle's Wi-Fi network (SSID and password displayed on the TV).

- Swipe down from the top-right corner (or up from the bottom for older models) to open Control Center.
- Tap "Screen Mirroring" or "AirPlay Mirroring".
- Select the MiraScreen device from the list. Your iOS device screen will now be mirrored to the display.
- For enhanced functionality, download the "EZMira" app from the App Store.

Windows Devices

- For Windows 8.1, go to "Devices" to cast.
- For Windows 10/11, press the Windows key + K to open the "Connect" sidebar.
- Select the MiraScreen device from the list.
- Alternatively, download the "EZMira" application for Windows 7/10 to cast.

Mac OS Devices

- Ensure your Mac is connected to the same Wi-Fi network as the dongle (or directly to the dongle's Wi-Fi).
- Click the AirPlay icon in the menu bar (if available).
- Select the MiraScreen device from the AirPlay dropdown menu.
- If the AirPlay icon is not visible, go to System Preferences > Displays and check the "Show mirroring options in the menu bar when available" box.

Usage Scenarios

The YEHUA Wireless Display Adapter is ideal for a variety of applications:

- **Business Meetings:** Project presentations and documents from your laptop or phone to a projector or large screen.
- **Home Theater:** Stream movies, TV shows, and videos from your mobile device to your TV for a cinematic experience.
- **Gaming:** Mirror mobile games onto a larger display for more immersive gameplay.
- **Teaching/Education:** Share educational content, diagrams, or interactive lessons with students on a classroom display.
- **Photo/Video Sharing:** Easily share vacation photos and home videos with family and friends on a big screen.



Image: Visual examples of the dongle's use in different settings.

MAINTENANCE

Firmware Updates (OTA)

Regular firmware updates ensure optimal performance, compatibility, and security for your YEHUA Wireless Display Adapter. It is recommended to keep your device's firmware up to date.

1. Ensure the dongle is connected to a stable internet connection via your home Wi-Fi network (as configured in the "Initial Configuration" section).
2. Access the dongle's settings page via your mobile device's web browser (e.g., <http://192.168.203.1>).
3. Look for an "Upgrade" or "Firmware Update" option within the settings menu.
4. If an update is available, follow the on-screen prompts to download and install it. Do not disconnect power or interrupt the update process.

The official OTA Upgrade Guide video demonstrates the firmware update process:

Your browser does not support the video tag.

Video: Official guide demonstrating the Over-The-Air (OTA) firmware upgrade process for the MiraScreen dongle.

General Care

- Keep the device in a dry environment and avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or modify the dongle, as this will void the warranty and may cause damage.
- Clean the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Ensure proper ventilation around the dongle during operation to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your YEHUA Wireless Display Adapter, please refer to the common problems and solutions below:

Problem	Solution
No display/signal on TV.	<ul style="list-style-type: none"> ◦ Ensure the dongle is securely plugged into the HDMI port. ◦ Verify that the USB power cable is connected and receiving sufficient power (5V/2A recommended). ◦ Check if your TV/projector is set to the correct HDMI input source. ◦ Try plugging the dongle into a different HDMI port or a different display device.
Cannot connect to the dongle's Wi-Fi (SSID).	<ul style="list-style-type: none"> ◦ Ensure the dongle is powered on and the setup screen is visible on your TV. ◦ Double-check the SSID and password displayed on the TV screen. ◦ Restart the dongle by unplugging and re-plugging its power cable. ◦ Ensure your mobile device's Wi-Fi is enabled and scanning for networks.
Lag or poor streaming quality.	<ul style="list-style-type: none"> ◦ Ensure the dongle is connected to a stable and strong Wi-Fi signal. Move closer to your Wi-Fi router if possible. ◦ If using the dongle's internal Wi-Fi for direct connection, ensure your device is close to the dongle. ◦ Reduce the distance between your casting device and the dongle. ◦ Check for any obstructions (walls, large objects) between the dongle and your Wi-Fi router/casting device. ◦ Ensure your mobile device has sufficient processing power and battery life.
Cannot cast certain apps (e.g., Netflix, Hulu).	<ul style="list-style-type: none"> ◦ Some streaming services (like Netflix, Hulu, Amazon Prime Video, Disney+) have Digital Rights Management (DRM) protection that prevents direct screen mirroring from mobile devices. ◦ For these apps, you may need to use the app's built-in casting feature (e.g., Google Cast/Chromecast icon within the app) if supported by the dongle, or use a dedicated streaming device. ◦ The YEHUA dongle supports DLNA/Airplay/Miracast. For Netflix/Hulu, it typically requires casting directly from the app's built-in cast function, often via Google Home app for Android.
Dongle gets hot during use.	<ul style="list-style-type: none"> ◦ It is normal for electronic devices to generate heat during operation. ◦ Ensure the dongle has adequate ventilation and is not covered or placed in an enclosed space. ◦ If overheating causes performance issues, try disconnecting it for a short period to cool down.

PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	778778879349
Product Dimensions	4.17 x 4.17 x 1.15 inches
Item Weight	2.39 ounces
Brand	YEHUA
Compatible Devices	Television, Projector
Connector Type	HDMI
Supported Resolutions	Up to 4K (3840 x 2160)
Wireless Standard	802.11ac (Dual Band 2.4G/5G)
Supported Protocols	Miracast, AirPlay, DLNA
OS Support	Android, iOS, Mac OS, Windows, ChromeOS

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your YEHUA Wireless Display Adapter, please refer to the contact details provided in your product packaging or visit the official YEHUA website. Keep your purchase receipt for warranty claims.