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> Mohu Yagi HDTV Antenna Instruction Manual

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Model: Yagi HDTV Antenna

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1. INTRODUCTION

The Mohu Yagi HDTV Antenna is designed to receive free over-the-air digital television broadcasts, including 4K Ultra HD and 1080P network programming. This compact antenna can be used both indoors and outdoors, offering flexibility in placement to optimize signal reception. This manual provides essential information for the proper installation, operation, and maintenance of your antenna.



Image 1.1: Mohu Yagi HDTV Antenna. This image displays the compact design of the antenna, suitable for various installation environments.

2. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation:

- Mohu Yagi HDTV Antenna
- 75 Ohm Matching Transformer
- Mounting Hardware
- Instruction Manual (this document)

Note: A coaxial cable is not included and must be purchased separately.

3. SETUP AND INSTALLATION

Follow these steps to set up your Mohu Yagi HDTV Antenna:

1. **Unpack the Antenna:** Carefully remove all components from the packaging.
2. **Assemble the Antenna:** The antenna features a pre-assembled design with easy-lock fold-out UHF reflector and snap-lock elements. Extend these components until they lock into place.
3. **Choose a Location:**
 - For indoor use, place the antenna near a window, preferably facing the direction of broadcast towers.
 - For outdoor use, select a high location free from obstructions like trees or buildings.
 - Consider using an online tool to find the direction of local broadcast towers for optimal placement.
4. **Mount the Antenna:** Use the provided mounting hardware to secure the antenna in your chosen location. Ensure it is stable and safely installed.
5. **Connect the Coaxial Cable:**
 - Attach one end of a coaxial cable (not included) to the 75 Ohm Matching Transformer on the antenna.
 - Connect the other end of the coaxial cable to the "Antenna In" or "RF In" port on your television or digital converter box.
6. **Power Connection (if applicable):** If your antenna model includes an amplifier or requires power, connect the Mini-USB connector to a compatible USB power source (e.g., a USB port on your TV or a USB wall adapter).
7. **Perform a Channel Scan:**
 - Turn on your television.
 - Access your TV's menu and navigate to the "Channel Setup" or "Antenna Setup" section.
 - Select "Antenna" or "Air" as the input source.
 - Initiate an "Auto Program" or "Channel Scan" function. This process will search for available over-the-air channels.

After the scan is complete, you should be able to access the received channels. If you receive fewer channels than expected, try repositioning the antenna and performing another channel scan.

4. OPERATING THE ANTENNA

Once installed and connected, the Mohu Yagi HDTV Antenna operates passively (unless an amplifier is used). Your television will receive broadcast signals directly through the coaxial connection.

- **Channel Selection:** Use your TV remote control to browse and select channels discovered during the channel scan.
- **Signal Quality:** Signal strength and quality can vary due to environmental factors, weather, and obstructions. If you experience pixelation or loss of channels, refer to the Troubleshooting section.
- **Re-scanning Channels:** It is recommended to perform a channel scan periodically, especially if new broadcast towers become active in your area or if you reposition the antenna.

5. MAINTENANCE

The Mohu Yagi HDTV Antenna requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Gently wipe the antenna with a soft, damp cloth to remove dust or dirt. Do not use harsh chemicals or abrasive cleaners.
- **Outdoor Installation:** If installed outdoors, periodically check the mounting hardware for security and inspect the coaxial cable for any signs of wear or damage. Ensure all connections remain tight.

- **Weather Conditions:** While designed for outdoor use, extreme weather conditions (e.g., heavy snow, ice, strong winds) may temporarily affect signal reception or cause physical damage. Ensure the antenna is securely mounted to withstand local weather.

6. TROUBLESHOOTING

If you encounter issues with your Mohu Yagi HDTV Antenna, try the following solutions:

- **No Signal or Few Channels:**

- Ensure all cable connections are secure between the antenna, matching transformer, and TV.
- Verify that your TV's input source is set to "Antenna" or "Air."
- Perform a new channel scan on your TV.
- Reposition the antenna. Even a slight adjustment can significantly improve reception. Try different locations, especially higher up or closer to a window.
- Check for obstructions (buildings, trees, hills) between the antenna and broadcast towers.
- If using an amplifier (if applicable), ensure it is properly powered.

- **Pixelated or Intermittent Channels:**

- This indicates a weak signal. Try repositioning the antenna for better reception.
- Ensure there are no sources of interference nearby (e.g., large metal objects, other electronic devices).
- Consider using a longer or higher-quality coaxial cable if your current one is old or damaged.

- **Antenna Not Receiving 4K/1080P:**

- The antenna receives the broadcast signal as it is transmitted. Ensure your TV is 4K or 1080P compatible and that the broadcast station is transmitting in that resolution.
- Signal strength is crucial for higher resolution reception. Optimize antenna placement.

If problems persist after trying these steps, contact customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Mohu
Model Number	Yagi HDTV Antenna
Item Weight	1 pounds
Product Dimensions	11.75 x 1 x 12 inches
Impedance	75 Ohms
Connector Type	75 ohm F-connector (Antenna), Mini-USB connector (Power, if applicable)
Antenna Type	Television
Number of Channels	Up to 10 (dependent on local broadcasts)
First Available Date	December 1, 2011

8. WARRANTY AND SUPPORT

The Mohu Yagi HDTV Antenna comes with a **1 Year Warranty** from RCA (as per product features). For warranty claims or technical support, please refer to the contact information provided with your purchase documentation or visit the official Mohu website.

For additional resources and frequently asked questions, you may visit the Mohu Store on Amazon: [Mohu Store](#).

