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› [ONN](#) /

› ONN20TM201B ONN Indoor Antenna with A Powerful Signal Booster User Manual

ONN ONN20TM201B

ONN20TM201B ONN Indoor Antenna with Powerful Signal Booster

User Instruction Manual

1. INTRODUCTION

Thank you for choosing the ONN20TM201B Indoor Antenna with a Powerful Signal Booster. This antenna is designed to provide clear reception of over-the-air digital television broadcasts, including 4K and HD channels, within a 75-mile range. Its multi-directional design and integrated signal booster ensure optimal performance for your home entertainment system. Please read this manual carefully to ensure proper installation and operation of your new antenna.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- ONN Indoor Antenna Unit
- Powerful Signal Booster (Amplifier)
- USB Power Cable for Booster
- Coaxial Cable (integrated with antenna)



Image 2.1: The ONN Indoor Antenna package contents, including the main antenna unit, signal booster, and necessary cables.

3. SETUP INSTRUCTIONS

Follow these steps to set up your ONN Indoor Antenna:

1. **Connect the Antenna:** Locate the coaxial input (ANT/IN) on the back of your television or digital converter box. Connect the coaxial cable from the ONN Indoor Antenna directly to this input.
2. **Connect the Signal Booster:** The powerful signal booster is designed to enhance reception. Connect the coaxial cable from the antenna to the 'ANT' port on the signal booster. Then, connect the booster's output coaxial cable to the 'TV' port on your television or converter box.
3. **Power the Signal Booster:** Connect the USB power cable to the signal booster's power input. Plug the other end of the USB cable into an available USB port on your TV or a USB wall adapter (not included). Ensure the booster's indicator light (if present) illuminates, indicating it is receiving power.
4. **Position the Antenna:** For optimal reception, place the antenna in a location with minimal obstructions and away from large metal objects or appliances that may cause interference. Experiment with different positions, such as near a window or high on a wall, to find the best signal. The multi-directional design allows for flexible placement.

5. **Scan for Channels:** Access your TV's menu and navigate to the 'Channel Scan' or 'Auto Program' function. Select 'Antenna' or 'Air' as the input source. Start the channel scan. This process may take several minutes.



Image 3.1: Rear view of the ONN Indoor Antenna, illustrating the coaxial cable connection point.



Image 3.2: Detailed view of the powerful signal booster, showing its compact design and connection ports.

4. OPERATING THE ANTENNA

Once setup is complete and channels have been scanned, your antenna is ready for use. You can now browse and watch available over-the-air channels.

- **Channel Selection:** Use your TV remote to navigate through the channels found during the scan.

- **Signal Optimization:** If you experience pixelation or loss of signal on certain channels, try slightly adjusting the antenna's position and performing another channel scan. Even small adjustments can significantly impact reception.
- **4K and HD Ready:** This antenna is capable of receiving 4K and HD broadcasts where available in your area. The quality of the picture will depend on the broadcast signal strength and your TV's capabilities.



Image 4.1: Illustration of the antenna's capability to deliver 4K Ultra HD content to your television.



Image 4.2: Example of various free HD channels that can be received with the antenna.

5. MAINTENANCE

The ONN Indoor Antenna requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Gently wipe the antenna and booster with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Placement:** As an indoor antenna, ensure it is kept in a dry environment and away from direct sunlight or extreme temperatures.
- **Cable Management:** Ensure all cables are securely connected and not kinked or pinched, which can affect signal quality.

Image 5.1: Feature icons highlighting the antenna's capabilities, including its 75-mile range and multi-directional reception.

6. TROUBLESHOOTING

If you encounter issues with your antenna, please refer to the following common solutions:

- **No Signal or Poor Picture Quality:**
 - **Check Connections:** Ensure all coaxial cables are securely connected to the antenna, booster, and TV.
 - **Reposition Antenna:** Try moving the antenna to a different location, especially higher up or closer to a window. Perform a channel scan after each repositioning.
 - **Rescan Channels:** Always perform a new channel scan after moving the antenna or if new channels become available.
 - **Check Booster Power:** Verify that the signal booster is properly powered via its USB connection and its indicator light is on.
 - **Interference:** Keep the antenna away from large electronic devices (e.g., microwaves, refrigerators) that can cause electromagnetic interference.
- **Fewer Channels Than Expected:**
 - **Antenna Position:** The number of channels received is highly dependent on antenna placement and proximity to broadcast towers. Experiment with different locations.
 - **Signal Strength:** Some channels may have weaker signals. The powerful signal booster helps, but extreme distances or obstructions can still limit reception.



Image 6.1: Visual comparison demonstrating the improved picture quality achieved with effective antenna reception versus poor reception.

7. SPECIFICATIONS

Brand Name	ONN
Model Number	ONN20TM201B
Item Weight	1.36 pounds
Product Dimensions	9.53 x 3.46 x 10.67 inches
Antenna Type	Indoor TV Antenna
Number of Channels	1 (Refers to single input/output, not number of receivable channels)
UPC	681131307888
Manufacturer	ONN
Power Source	Corded Electric (USB powered booster)
Range	Up to 75 miles
Cable Length	6.5 feet (integrated coaxial cable)

8. WARRANTY AND SUPPORT

Specific warranty information for the ONN20TM201B Indoor Antenna is not provided in the product details. For warranty claims or technical support, please refer to the contact information provided on the product packaging or visit the official ONN website.

It is recommended to retain your purchase receipt as proof of purchase for any warranty-related inquiries.