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Terk HDTVVAZ

Terk HDTVVAZ Amplified Indoor HDTV Antenna User Manual

Model: HDTVVAZ

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1. INTRODUCTION

This manual provides instructions for the Terk HDTVVAZ Amplified Indoor HDTV Antenna. This antenna is designed to receive over-the-air digital television broadcasts, including UHF and VHF signals, allowing access to free HD channels. Its integrated amplifier enhances weak signals, ensuring clear picture and sound quality.

2. KEY FEATURES

- Supports up to 1080i HDTV broadcasts for high-quality picture and sound.
- Receives both UHF and VHF elements for comprehensive broadcast reception (channels 2-69).
- Highly directional UHF element designed to reduce signal interference and maximize gain.
- Integrated amplifier boosts weak signals and maintains signal purity.
- Provides a dependable signal source during cable or satellite outages.
- Designed and engineered in the USA, meeting or exceeding CEA performance specifications for indoor antennas.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation.

- Terk Amplified Indoor HDTV Antenna
- 6 Foot Coax Cable

4. SETUP INSTRUCTIONS

1. **Unpack the Antenna:** Carefully remove all components from the packaging.
2. **Connect the Coaxial Cable:** Connect one end of the provided 6-foot coaxial cable to the antenna's output port. Connect the other end of the coaxial cable to the "Antenna In" or "RF In" port on your television or digital converter box.
3. **Connect the Power Adapter (if applicable):** If your antenna model includes a separate power adapter for the amplifier, plug it into the designated port on the antenna or amplifier, then into a standard electrical outlet.
4. **Position the Antenna:** Place the antenna in a location that offers the best possible reception. Refer to the "Placement for Optimal Reception" section for detailed guidance.
5. **Perform a Channel Scan:**
 - Turn on your television.
 - Access your TV's menu settings.
 - Navigate to the "Channel Setup," "Antenna Setup," or "Tuner Setup" section.
 - Select "Scan for Channels," "Auto Program," or "Auto Tune." This process may take several minutes.
 - After the scan is complete, your TV should display the available channels.
6. **Adjust and Rescan:** If initial reception is poor or you are missing channels, try repositioning the antenna and performing another channel scan. Small adjustments can significantly impact reception quality.



Image: Terk HDTVVAZ antenna connected to a television for setup.

5. OPERATION

Once the antenna is set up and a channel scan is complete, operating the Terk HDTVVAZ is straightforward:

- **Channel Selection:** Use your television's remote control to browse and select channels.
- **Signal Quality:** Digital television signals are either received clearly or not at all. If a channel appears pixelated or breaks up, it indicates a weak signal. Refer to the "Troubleshooting" section for solutions.
- **Periodic Rescans:** Broadcasters may change frequencies or add new channels. It is recommended to perform a channel scan periodically (e.g., monthly) to ensure you are receiving all available broadcasts.

6. PLACEMENT FOR OPTIMAL RECEPTION

The performance of any indoor antenna is highly dependent on its placement. Consider the following factors for best results:

- **Direction to Broadcast Towers:** Identify the direction of local broadcast towers using online resources (e.g., AntennaWeb.org). Point the antenna towards these towers.
- **Higher is Better:** Place the antenna as high as possible, ideally on an upper floor or near the ceiling.
- **Near a Window:** Windows often provide a clearer line of sight to broadcast towers, reducing interference from walls and other structures.
- **Avoid Obstructions:** Keep the antenna away from large metal objects, appliances, and other electronic devices that can cause interference.
- **Experiment with Orientation:** Small adjustments to the antenna's angle and direction can significantly impact signal strength. Perform a channel scan after each adjustment to check for improvements.
- **Extend Rabbit Ears:** The extendable "rabbit ears" (VHF dipoles) are crucial for receiving VHF channels. Ensure they are fully extended and adjusted for optimal reception.

Your browser does not support the video tag.

Video: This video demonstrates the importance of antenna placement for optimal reception, showing how signals are received from broadcast towers and how an antenna inside a house picks them up. It highlights the antenna's ability to receive both UHF and VHF bands.

7. MAINTENANCE

The Terk HDTVVAZ antenna requires minimal maintenance to ensure continued performance:

- **Cleaning:** Dust the antenna periodically with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Cable Connections:** Ensure all coaxial cable connections remain secure. Loose connections can degrade signal quality.
- **Environmental Factors:** While designed for indoor use, avoid placing the antenna in areas of extreme temperature, humidity, or direct sunlight, which could affect its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No channels found or poor reception.	Incorrect antenna placement or orientation. Loose cable connections. TV not set to antenna input.	<ul style="list-style-type: none">◦ Reposition the antenna (higher, near a window, away from obstructions).◦ Ensure coaxial cable is securely connected to both antenna and TV.◦ Verify TV input is set to "Antenna" or "Air."◦ Perform a new channel scan after each adjustment.◦ Fully extend and adjust the VHF "rabbit ears."

Problem	Possible Cause	Solution
Missing specific channels.	Antenna not optimally positioned for all broadcast towers. Local terrain or building interference.	<ul style="list-style-type: none"> ◦ Consult online resources (e.g., AntennaWeb.org) to identify the direction of specific broadcast towers and adjust antenna accordingly. ◦ Try different antenna positions and orientations, rescanning each time. ◦ Consider if external factors like hills or large buildings are blocking signals.
Picture pixelates or freezes.	Weak signal strength. Interference from other electronic devices.	<ul style="list-style-type: none"> ◦ Move the antenna to a location with stronger signal reception. ◦ Ensure the amplifier (if applicable) is powered on. ◦ Move the antenna away from other electronics (e.g., Wi-Fi routers, microwaves).

9. SPECIFICATIONS

Feature	Detail
Model Number	HDTVVAZ
Product Dimensions	14.3 x 12.9 x 3.7 inches
Item Weight	3.3 pounds
Antenna Type	Indoor HDTV Antenna
Supported Bands	UHF, VHF
Maximum Range	45 Miles (Note: Reception quality depends on various factors)
Number of Channels	Up to 69 (depending on location)
Impedance	4 Ohms
Manufacturer	VOXX International Corporation

10. WARRANTY AND SUPPORT

Warranty Information: The product warranty covers manufacturing defects under normal use. The warranty does not cover misuse of the product. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact Terk customer support.

Customer Support: If you encounter any issues or have questions regarding your Terk HDTVVAZ antenna, please visit the official Terk website or contact their customer service department for assistance. Have your model number (HDTVVAZ) and purchase information ready when contacting support.

