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SZKALAK Outdoor TV Antenna User Manual

MODEL: TV5011

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your SZKALAK Outdoor TV Antenna, Model TV5011. This antenna is designed to receive free over-the-air (OTA) digital television broadcasts, including 4K and 1080p signals, across VHF and UHF frequencies. For optimal performance, please read these instructions carefully before installation.



Image 1.1: The SZKALAK Outdoor TV Antenna, Model TV5011, shown mounted with a television displaying received channels.

2. Package Contents

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

- SZKALAK Outdoor TV Antenna (Model TV5011)
- Mounting Hardware (U-bolts, nuts, washers, mast clamp)
- 32.8 ft (10 meter) Coaxial Cable
- User Manual

32.8FT HDTV CABLE

No compromises on quality! Our RV antenna includes a premium quality cable that ensures superior signal transmission and durability, guaranteeing you the best entertainment experience.



Image 2.1: Detailed view of the included 32.8ft coaxial cable, highlighting its construction for signal transmission.

3. Key Features

- **Long Range Reception:** Capable of receiving VHF/UHF signals from up to 120+ miles.
- **High Definition Support:** Fully supports 4K Ultra HD and 1080p content for clear visuals.
- **Weatherproof Design:** Constructed with durable materials to withstand various weather conditions, including snow, rain, and strong winds.
- **Versatile Installation:** Suitable for outdoor mounting (rooftop, balcony, outside wall) or attic installation.
- **Easy Setup:** Includes a 32.8ft coaxial cable for flexible placement and simplified installation.

Weather Resistance For Year

Good Reception Even in Bad Weather and Strong Winds



Image 3.1: The antenna's robust design ensures resistance against various weather elements such as storms, UV radiation, and snow.

Long Range Reception

The outdoor HDTV aerial can reach up to 120 miles and 360° Reception.



Image 3.2: The antenna is designed for long-range reception, capable of capturing signals from distances up to 120 miles.

4. Setup and Installation

Proper installation is crucial for optimal antenna performance. Consider the following steps:

4.1. Antenna Placement

Identify the best location for your antenna. Higher locations generally provide better reception. Consider mounting options such as:

- **Rooftop:** Offers the clearest line of sight to broadcast towers.
- **Attic:** Provides protection from weather but may reduce signal strength.
- **Balcony/Outside Wall:** Suitable for apartments or homes with limited rooftop access.

Use online tools or apps to locate local broadcast towers and aim your antenna in their general direction for best results.

4.2. Mounting the Antenna

1. Assemble the antenna components according to the diagrams provided in the packaging (if any).

2. Securely attach the antenna to a mast or mounting pole using the provided U-bolts, nuts, and washers. Ensure the antenna is stable and level.
3. Tighten all connections to prevent movement due to wind.

4.3. Connecting the Antenna to Your TV

1. Connect one end of the supplied 32.8ft coaxial cable to the antenna's output port.
2. Route the coaxial cable to your television, ensuring it is protected from damage and moisture.
3. Connect the other end of the coaxial cable to the 'ANT IN' or 'CABLE IN' port on your television.
4. If your TV is an older model without a built-in HDTV tuner, a digital converter box will be required between the antenna and the TV. Connect the antenna to the converter box, and then the converter box to your TV.

EASY CONNECTION

Please make sure your TV has an HDTV tuner, if not it is recommended that you purchase a digital converter box.



Image 4.1: Connection methods for the antenna, illustrating direct connection to an HDTV and connection through a digital converter box for older televisions.

5. Operating Instructions

After connecting the antenna, perform a channel scan on your television:

1. Turn on your television and select the correct input source (usually 'TV' or 'Antenna').
2. Access your TV's menu settings. Look for options like 'Channel Setup', 'Auto Program', 'Channel Scan', or 'Antenna Scan'.
3. Initiate the channel scan. This process may take several minutes.
4. Once the scan is complete, your TV will display the available channels.
5. If you are not satisfied with the number or quality of channels, try repositioning the antenna slightly and performing another channel scan.

6. Troubleshooting

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

- **No Signal / Few Channels:**

- Ensure all cable connections are secure.
- Verify the antenna is aimed towards broadcast towers.
- Try repositioning the antenna to a higher or clearer location.
- Perform a new channel scan on your TV.
- Check for obstructions (trees, buildings) blocking the signal path.

- **Poor Picture Quality / Pixelation:**

- This indicates a weak signal. Adjust antenna position.
- Ensure coaxial cable is not damaged or kinked.
- Perform a new channel scan.

- **Antenna Not Working:**

- Confirm your TV's input is set to 'Antenna' or 'TV'.
- If using a digital converter box, ensure it is powered on and correctly connected.

7. Specifications

Model Number	TV5011
Brand	SZKALAK
Frequency Range	VHF / UHF
Reception Range	Up to 120+ miles (1200000 Meters)
Supported Resolutions	4K, 1080p
Impedance	75 Ohms
Coaxial Cable Length	32.8 ft (10 meters)
Weight	1.43 pounds
Color	White

8. Maintenance

The SZKALAK Outdoor TV Antenna is designed for durability and requires minimal maintenance. Periodically inspect the antenna and its mounting hardware for:

- **Physical Damage:** Check for cracks, bends, or loose components, especially after severe weather.
- **Cable Integrity:** Ensure the coaxial cable is not frayed, cut, or exposed to excessive wear. Replace if damaged.
- **Secure Mounting:** Verify that the antenna remains firmly attached to its mounting point. Tighten any loose bolts or clamps.
- **Debris:** Remove any accumulated leaves, snow, or ice that might obstruct the antenna's elements.

No internal cleaning or lubrication is required.

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official SZKALAK website. Keep your proof of purchase for warranty claims.