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Maxon ACC-101V

TecNet ACC-101V VHF Antenna User Manual

Model: ACC-101V | Brand: Maxon

INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your Maxon TecNet ACC-101V VHF Antenna. This antenna is specifically designed for use with Maxon TecNet SP-310 and SP-330 two-way radios, operating within the 136-174MHz frequency range. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PRODUCT OVERVIEW



Figure 1: The Maxon TecNet ACC-101V VHF Antenna. This image shows the compact, black cylindrical antenna designed for two-way radios, featuring a threaded base for secure attachment.

The ACC-101V is a durable VHF antenna engineered to provide reliable communication for your compatible Maxon TecNet two-way radios. Its robust construction ensures performance in various environments.

SETUP AND INSTALLATION

Follow these steps to properly install the ACC-101V antenna onto your compatible two-way radio.

1. **Power Off Radio:** Ensure your Maxon TecNet SP-310 or SP-330 two-way radio is powered off before beginning

installation.

2. **Locate Antenna Port:** Identify the antenna port on the top of your two-way radio. This port is typically threaded.
3. **Align Antenna:** Carefully align the threaded base of the ACC-101V antenna with the radio's antenna port.
4. **Screw On Antenna:** Gently screw the antenna clockwise onto the radio's port. Hand-tighten only; do not overtighten, as this can damage the antenna or the radio's connector.
5. **Verify Secure Connection:** Ensure the antenna is firmly seated and does not wobble. A secure connection is crucial for optimal signal transmission and reception.

Note: Always use the correct antenna for your radio's frequency band to prevent damage and ensure proper operation.

OPERATING INSTRUCTIONS

Once the antenna is securely attached, your radio is ready for operation. The antenna functions passively to transmit and receive radio signals.

- **Power On Radio:** Turn on your Maxon TecNet SP-310 or SP-330 radio.
- **Channel Selection:** Select the desired channel on your radio.
- **Transmission:** To transmit, press and hold the Push-to-Talk (PTT) button on your radio. Speak clearly into the radio's microphone. Release the PTT button to listen.
- **Reception:** The antenna will automatically receive signals on the selected channel when the PTT button is not pressed.

For detailed radio operation, refer to the user manual of your specific Maxon TecNet SP-310 or SP-330 two-way radio.

MAINTENANCE AND CARE

Proper care will extend the life and performance of your ACC-101V antenna.

- **Cleaning:** Wipe the antenna with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the antenna for any signs of damage, such as cracks, bends, or loose connections.
- **Storage:** When not in use, store the antenna in a clean, dry place, away from extreme temperatures and direct sunlight.
- **Avoid Bending:** Do not forcibly bend or twist the antenna, as this can damage its internal components and affect performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Poor signal quality or limited range	Antenna not securely attached; Incorrect antenna for frequency band; Damaged antenna; Environmental interference.	Ensure antenna is hand-tightened; Verify antenna is correct model (ACC-101V) for VHF (136-174MHz); Inspect antenna for damage and replace if necessary; Move to an area with less obstruction.
Antenna feels loose after installation	Not tightened sufficiently; Damaged radio antenna port.	Hand-tighten the antenna firmly; If problem persists, consult a qualified technician for radio inspection.

SPECIFICATIONS

Model: ACC-101V

Brand: Maxon

Frequency Range: VHF (136-174MHz)

Compatibility: Maxon TecNet SP-310, Maxon TecNet SP-330 Two Way Radios

Type: Radio Antenna

ASIN: B07TLFXF2R

UPC: 758449816804

WARRANTY INFORMATION

Specific warranty details for the Maxon TecNet ACC-101V VHF Antenna are typically provided at the point of purchase or included with the product packaging. Please refer to your purchase receipt or the documentation that came with your antenna for precise warranty terms and conditions. For general warranty inquiries, please contact Maxon customer support.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your Maxon TecNet ACC-101V VHF Antenna, please contact Maxon customer support. Contact information can usually be found on the official Maxon website or on the product packaging.

Please have your product model number (ACC-101V) and any relevant purchase information ready when contacting support.