

Spektrum SPM9010

Spektrum Remote Receiver Extension 6-inch (SPM9010)

Instruction Manual

1. INTRODUCTION

The Spektrum Remote Receiver Extension 6-inch (Model SPM9010) is a vital component designed to connect your main receiver to a remote (satellite) receiver in various radio-controlled applications. This cable features a female connector on both ends, ensuring compatibility with standard remote receivers. It provides flexibility in mounting your remote receiver by extending its reach from the main unit.

Important Note: This product includes **one (1)** 6-inch remote receiver extension cable. Images showing multiple cables are for illustrative purposes only.



Image: The Spektrum Remote Receiver Extension 6-inch cable (Model SPM9010) with female connectors on both ends.

2. SETUP AND INSTALLATION

Follow these steps to properly install your remote receiver extension cable:

1. **Identify Connectors:** Ensure both the main receiver and the remote receiver have compatible ports for the extension cable. The SPM9010 cable has female connectors on both ends.
2. **Connect to Main Receiver:** Carefully plug one end of the 6-inch extension cable into the designated remote receiver port on your main receiver. Ensure a secure and firm connection.
3. **Connect to Remote Receiver:** Plug the other end of the extension cable into the corresponding port on your remote (satellite) receiver. Verify the connection is secure.
4. **Cable Routing:** Route the cable in a manner that avoids interference with moving parts, sharp edges, or excessive bending. Secure the cable with appropriate ties or clips if necessary to prevent strain or accidental disconnection during operation.
5. **Length Considerations:** If additional length is required beyond the 6-inch extension, you may utilize a standard servo extension between the two ends of the extension with quick disconnects (e.g., Spektrum SPMAJST3 or SPMAJST6). **Do not exceed a total extension length of 36 inches (approximately 91 cm)** to maintain optimal signal integrity and reliability. Exceeding this length can lead to signal degradation and potential loss of control.

3. OPERATION

Once the Spektrum Remote Receiver Extension is correctly installed, it operates passively as a conduit for signal transmission between your main and remote receivers. No specific operational steps are required for the cable itself. Ensure that both the main and remote receivers are powered on and functioning according to their respective manuals. Always perform a range check before operating your RC model to confirm proper signal reception and control.

4. MAINTENANCE AND CARE

To ensure the longevity and reliable performance of your Spektrum Remote Receiver Extension, observe the following maintenance guidelines:

- **Inspection:** Regularly inspect the cable for any signs of wear, cuts, fraying, or damage to the insulation or connectors. Replace the cable immediately if any damage is observed.
- **Cleaning:** Keep the connectors clean and free from dirt, dust, and moisture. Use a soft, dry cloth to gently wipe the connectors if needed. Avoid using harsh chemicals or solvents.
- **Storage:** Store the cable in a dry, cool environment away from direct sunlight and extreme temperatures. Avoid tightly coiling or kinking the cable, which can damage the internal wires.
- **Handling:** Always grasp the connector housing when plugging or unplugging the cable. Avoid pulling directly on the wire, as this can cause internal damage or separation from the connector.

5. TROUBLESHOOTING

If you experience issues with your remote receiver setup, consider the following troubleshooting steps:

- **No Signal/Intermittent Signal:**
 - Verify that both ends of the extension cable are securely connected to the main and remote receivers.

- Inspect the cable for any visible damage (cuts, kinks, frayed wires). A damaged cable can lead to signal loss.
 - Ensure the total extension length, including any additional servo extensions, does not exceed 36 inches. Excessive length can weaken the signal.
 - Test the remote receiver directly connected to the main receiver (without the extension) to rule out issues with the receivers themselves.
- **Loose Connection:** If the cable feels loose, ensure the connectors are fully seated. Over time, connectors can wear; if they no longer provide a firm connection, replacement may be necessary.

6. SPECIFICATIONS

Feature	Detail
Brand	Spektrum
Model	SPM9010
Cable Length	6 inches (approximately 15.24 cm)
Connector Type	Female on both ends
Material	Plastic
Item Dimensions (L x W x H)	3.9 x 2 x 0.16 inches (packaging dimensions)
Item Weight	9.07 g
Number of Items	1

7. WARRANTY INFORMATION

For detailed warranty information regarding your Spektrum product, please refer to the official Spektrum website or the documentation provided with your main receiver or other Spektrum components. Warranty terms and conditions may vary by region and product type.

8. CUSTOMER SUPPORT

If you require further assistance, technical support, or have questions not covered in this manual, please contact Spektrum customer support. Visit the official Spektrum website for contact information, FAQs, and additional resources.

Online Resources: www.spektrumrc.com