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Audiovox RX14PBL

Audiovox Prestige RX14PBL Antenna Instruction Manual

Model: RX14PBL (Manufacturer Part Number: 8523722543)

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1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Audiovox Prestige RX14PBL Antenna. This antenna is designed to work with various Prestige and Code Alarm vehicle security and remote start systems, enhancing their functionality. Please read this manual thoroughly before installation and use to ensure proper performance and longevity of your product.

2. COMPATIBILITY

The Audiovox Prestige RX14PBL Antenna is compatible with a range of Audiovox, Prestige, and Code Alarm models. It features a 5-pin antenna connection.

Known Compatible Models:

- Audiovox AS9233ST
- Prestige APS687C, APS57N, APS687N
- Code Alarm CA500, CA501, CA420, CA421, CA510, CA510A, CA520, CA521

This antenna replaces Code Alarm and Prestige part number 1181128. Please note that this antenna is **not designed for two-way communication systems**. If you are unsure about compatibility with your specific system, consult your system's documentation or a qualified installer.

3. PACKAGE CONTENTS

Upon opening the package, verify that all items are present and undamaged:

- Audiovox Prestige RX14PBL Antenna Unit (with integrated program button)
- Antenna Cable (with 5-pin connector)



Figure 3.1: The Audiovox Prestige RX14PBL Antenna unit and its accompanying cable.

4. SETUP AND INSTALLATION

Installation of the RX14PBL antenna requires careful attention to connections. It is recommended that installation be performed by a qualified technician.

4.1 Identifying the Antenna Unit

The antenna unit is a compact black device with a grey program button on its front face. The back of the unit features a barcode with the number 11812022 and 3M VHB adhesive for mounting.



Figure 4.1: Rear view of the antenna unit, displaying the barcode (11812022) and adhesive backing.

4.2 Connecting the Antenna Cable

The antenna unit connects to your vehicle's security or remote start system via the provided 5-pin cable. Locate the 5-pin port on the antenna unit and the corresponding connector on the cable.



Figure 4.2: Detail of the 5-pin connection port on the antenna unit.

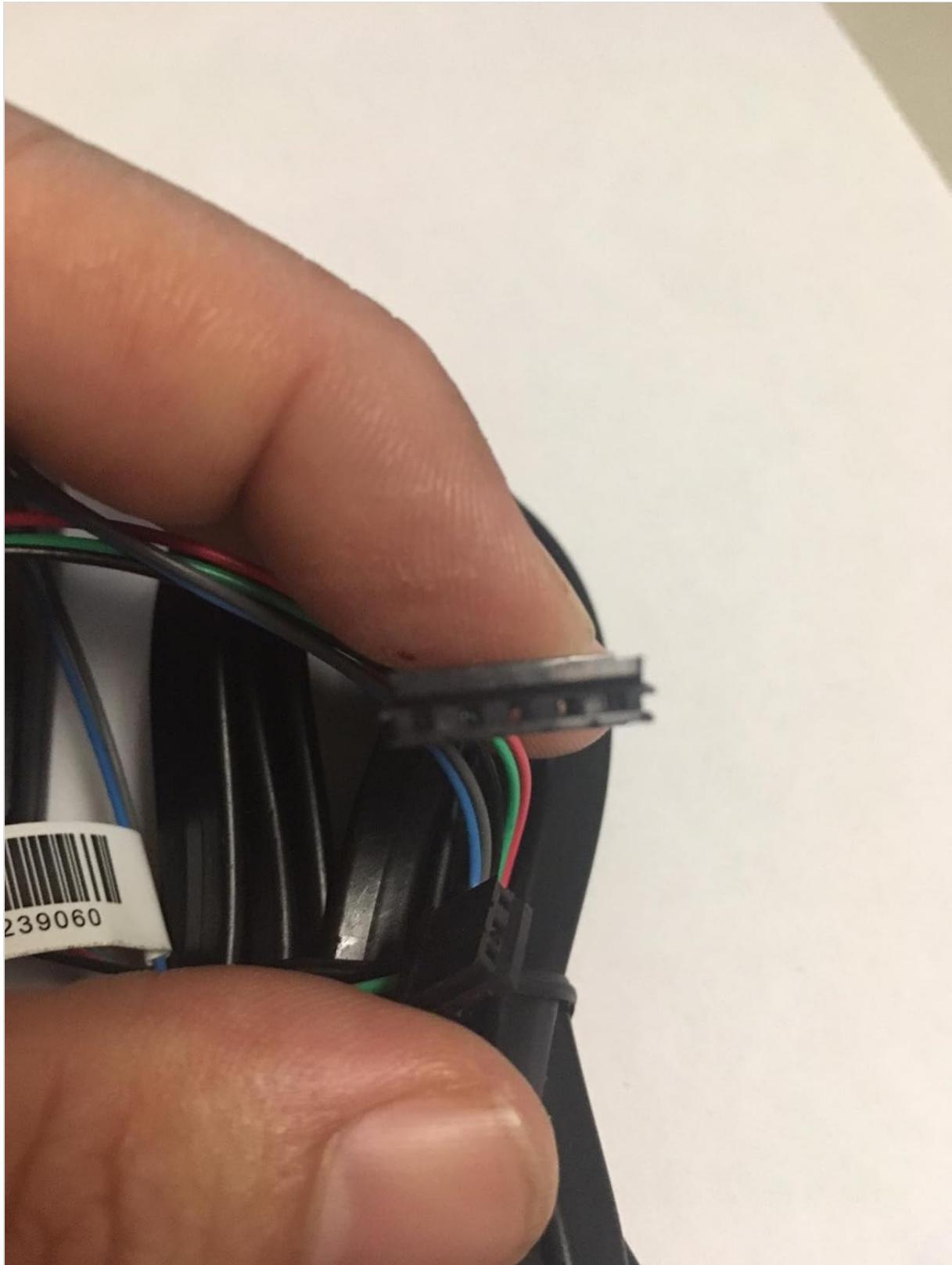


Figure 4.3: Detail of the 5-pin connector found on the antenna cable.

Carefully align the 5-pin connector from the cable with the port on the antenna unit and push firmly until it is securely seated. Ensure the connection is snug to prevent signal loss.



Figure 4.4: Example of a smaller connector on the antenna cable, which may be used for specific system integrations.

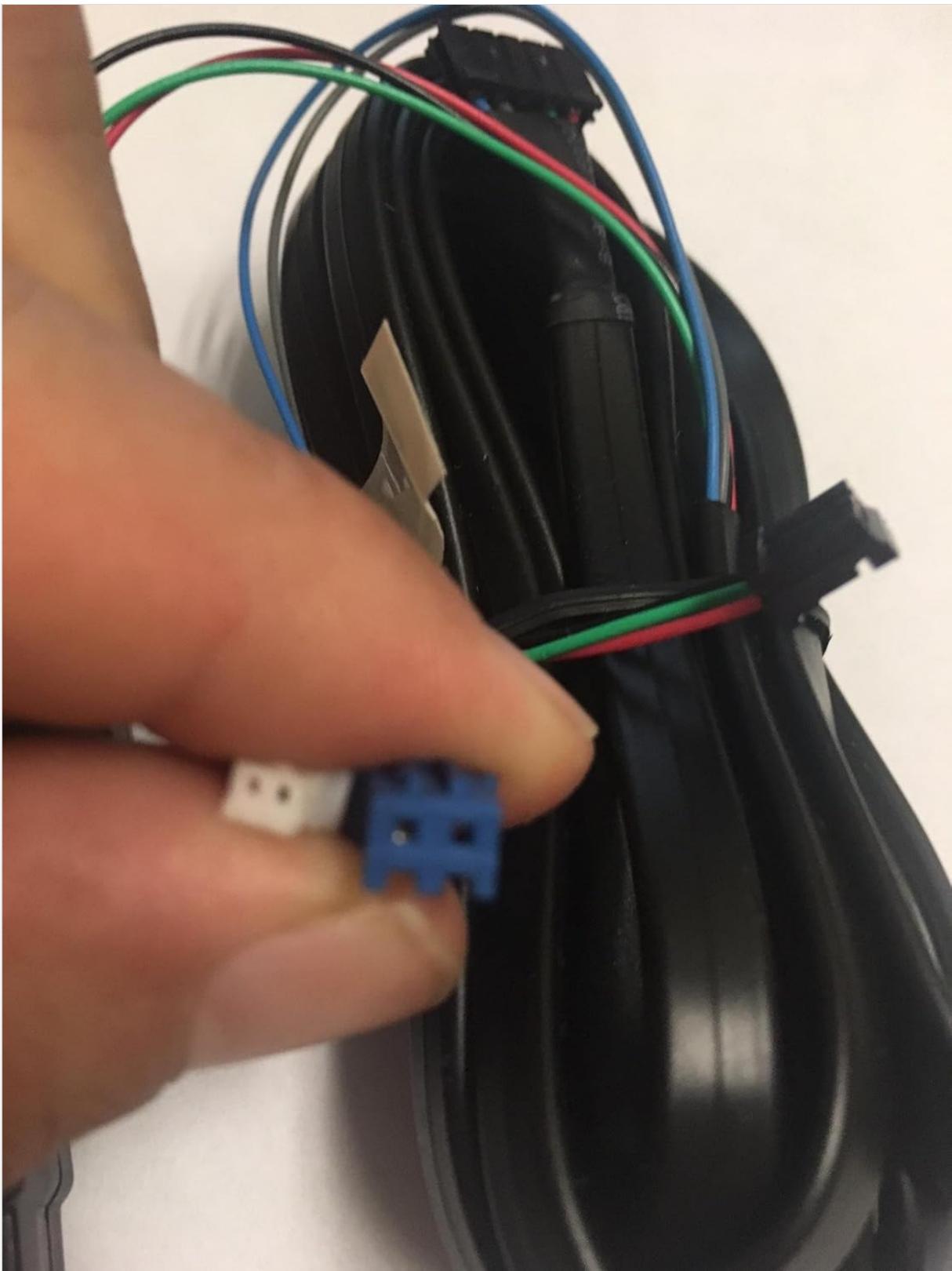


Figure 4.5: Example of another small connector on the antenna cable, potentially for different system configurations.

4.3 Cable Replacement Considerations

For some compatible models, the existing antenna cable may be sufficient. However, for other models, particularly those replacing Code Alarm and Prestige part 1181128, it may be necessary to replace the original antenna cable with the one included in this package. Always refer to your specific system's installation guide for definitive instructions regarding cable replacement.

4.4 Mounting the Antenna Unit

The antenna unit typically mounts on the vehicle's windshield or dashboard using the pre-applied 3M VHB

adhesive. Choose a location that allows for optimal signal reception and is clear of obstructions. Ensure the surface is clean and dry before applying the adhesive.

5. OPERATING INSTRUCTIONS

The Audiovox Prestige RX14PBL Antenna features a built-in program button, which simplifies the programming process for your vehicle's security or remote start system. The exact programming steps will vary depending on your specific system model.

General Programming Steps (Consult your system's manual for specifics):

1. Enter programming mode on your vehicle's security/remote start system (this usually involves turning the ignition on/off a certain number of times or pressing a button on the control module).
2. When prompted by your system, press and release the program button on the RX14PBL antenna.
3. Follow any additional instructions provided by your system's manual to complete the programming of remote controls or other features.

The integrated program button eliminates the need to locate a separate programming button on the main control module, making the process more accessible.

6. MAINTENANCE

The Audiovox Prestige RX14PBL Antenna is designed for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to wipe the antenna unit if it becomes dusty. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically ensure that the 5-pin cable connection to the antenna unit and the main control module is secure.
- **Adhesive:** If the antenna unit becomes loose, re-secure it with appropriate automotive-grade adhesive tape.

Do not attempt to open the antenna unit, as this may void any applicable warranty and could damage the internal components.

7. TROUBLESHOOTING

If you experience issues with your RX14PBL antenna, consider the following troubleshooting steps:

- **Poor Range/Intermittent Operation:**
 - Ensure the antenna cable is securely connected at both ends (antenna unit and control module).
 - Verify the antenna unit is mounted in a location free from metal obstructions or other electronic interference.
 - Check if the antenna cable is routed away from high-voltage wires or other sources of electrical noise.
 - Confirm that the antenna is not for a two-way system if your system requires two-way communication, as this antenna is not designed for that purpose.
- **Programming Issues:**
 - Refer to your main system's instruction manual for the correct programming sequence.
 - Ensure the program button on the antenna is functioning correctly (it should provide tactile

feedback when pressed).

- Verify that the antenna cable is correctly installed, as a faulty connection can prevent programming.

- No Response from System:**

- Check all connections to the main control module.
- Ensure the vehicle's battery is adequately charged.
- If the issue persists, consult a professional installer or the manufacturer's support.

8. SPECIFICATIONS

Brand	Audiovox
Model Number	RX14PBL (Manufacturer Part Number: 8523722543)
Connection Type	5-Pin
Color	Black
Item Weight	2.75 ounces
Package Dimensions	5.79 x 2.6 x 1.46 inches
Integrated Feature	Program Button

9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your original Audiovox, Prestige, or Code Alarm system, or contact the manufacturer directly. This antenna is intended as a replacement or accessory part.

If you require technical assistance or have questions not covered in this manual, please contact Audiovox customer support or a certified installer.