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› Rockford Fosgate Punch Level Control (PLC) Bass Knob 1510-57864-01 User Manual

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Rockford Fosgate Punch Level Control (PLC) Bass Knob 1510-57864-01 User Manual

Model: 1510-57864-01

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rockford Fosgate Punch Level Control (PLC) Bass Knob, model 1510-57864-01. This device is specifically designed to provide remote bass level adjustment for compatible Rockford Fosgate Punch Powered Loaded Enclosures, namely the P300-12 and P300-10 models. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.

2. PRODUCT OVERVIEW

The Rockford Fosgate PLC Bass Knob is a wired remote control that allows for convenient adjustment of the bass output level from your compatible Punch Powered Loaded Subwoofer Enclosure. It connects directly to the enclosure via a standard 1/8" (3.5mm) stereo phone jack and works in conjunction with the enclosure's on-board gain control. This enables fine-tuning of bass levels from your listening position without needing to access the subwoofer enclosure directly.



Figure 2.1: The Rockford Fosgate Punch Level Control (PLC) Bass Knob with its connecting cable. The knob features a rotary dial for adjusting bass output.

3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation:

- Rockford Fosgate Punch Level Control (PLC) Bass Knob
- Connecting Cable (with 1/8" / 3.5mm stereo phone jack)
- Mounting Clip
- Mounting Screws (2x)



Figure 3.1: All components included with the PLC Bass Knob: the knob unit, the connecting cable, a metal mounting clip, and two small screws for installation.

4. SETUP AND INSTALLATION

The PLC Bass Knob is designed for simple installation. Ensure your subwoofer enclosure is powered off before making any connections.

1. **Compatibility Check:** Confirm that your subwoofer enclosure is a Rockford Fosgate P300-12 or P300-10 model. This bass knob is exclusively compatible with these specific powered enclosures. Attempting to use it with other models may result in improper function or damage.
2. **Connect the Cable:** Locate the 1/8" (3.5mm) stereo phone jack input on your compatible Rockford Fosgate Punch Powered Loaded Enclosure. Insert one end of the provided connecting cable into this jack.
3. **Connect to Bass Knob:** Insert the other end of the connecting cable into the corresponding 1/8" (3.5mm) stereo phone jack on the PLC Bass Knob unit.
4. **Mounting Location:** Choose a convenient location for the bass knob within your vehicle. Common mounting locations include under the dashboard, inside the center console, or within the glovebox. Select a spot that allows for easy access while driving but does not obstruct vehicle controls or safety features.
5. **Secure the Knob:** Use the provided mounting clip and screws to secure the bass knob in your chosen location. Ensure the mounting surface is stable and that the screws will not damage any underlying components or wiring.

Once installed, ensure all connections are secure before powering on your subwoofer enclosure.

5. OPERATING INSTRUCTIONS

The PLC Bass Knob provides a simple and intuitive way to adjust your subwoofer's bass output.

1. **Power On:** Ensure your vehicle's audio system and the Rockford Fosgate Punch Powered Loaded Enclosure are powered on.
2. **Initial Setup:** Before using the bass knob, set the gain control on your subwoofer enclosure to a suitable level. The PLC Bass Knob works in conjunction with this on-board gain control, allowing you to attenuate the bass from the maximum level set on the enclosure.
3. **Adjusting Bass Level:** Rotate the knob clockwise to increase the bass output level. Rotate the knob counter-clockwise to decrease the bass output level. The knob provides a range from minimum to maximum bass adjustment.
4. **Fine-Tuning:** Use the bass knob to fine-tune the bass response according to your preference for different music genres or listening environments.

Remember that the bass knob adjusts the output relative to the gain setting on the subwoofer enclosure itself. It does not bypass or override the enclosure's internal settings.

6. MAINTENANCE

The Rockford Fosgate PLC Bass Knob requires minimal maintenance to ensure reliable operation.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the bass knob. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish or internal components.
- **Connection Check:** Periodically check that the connecting cable is securely plugged into both the

bass knob and the subwoofer enclosure. Loose connections can lead to intermittent operation or signal loss.

- **Environmental Protection:** While designed for automotive use, avoid exposing the bass knob to extreme moisture, direct sunlight for prolonged periods, or excessive dust, which can affect its performance and lifespan.

7. TROUBLESHOOTING

If you experience issues with your PLC Bass Knob, refer to the following common troubleshooting steps:

- **No Bass Adjustment:**
 - Ensure the bass knob cable is fully and securely connected to both the knob and the subwoofer enclosure.
 - Verify that the subwoofer enclosure is powered on and functioning correctly.
 - Check the on-board gain control setting on your subwoofer enclosure. If the gain is set to minimum, the bass knob will have no effect. Increase the enclosure's gain to allow the knob to provide adjustment.
 - Confirm that your subwoofer enclosure is a compatible model (P300-12 or P300-10). This knob is not universal.
- **Intermittent Control:**
 - Inspect the connecting cable for any visible damage or kinks.
 - Ensure the 1/8" (3.5mm) jacks are clean and free of debris.
- **Physical Damage:** If the knob or cable appears physically damaged, it may need replacement.

If these steps do not resolve the issue, please contact Rockford Fosgate customer support for further assistance.

8. SPECIFICATIONS

Model Number	1510-57864-01
Compatibility	Rockford Fosgate P300-12 and P300-10 Subwoofer Enclosures ONLY
Connector Type	1/8" (3.5mm) Stereo Phone Jack
Function	Remote Bass Level Control (attenuates output from amplifier's gain setting)
Package Dimensions	6.81 x 4.53 x 1.57 inches
Item Weight	3.66 ounces
Manufacturer	Rockford Fosgate

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the documentation included with your Rockford Fosgate Punch Powered Loaded Enclosure or visit the official Rockford Fosgate website. For technical support or assistance with your PLC Bass Knob, please contact Rockford Fosgate customer service directly.

