

IMPORTANT SAFETY INSTRUCTIONS

- 1. Read these instructions.
- 2. Keep these instructions
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with dry cloth.
- 7. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- 9. Use only attachments/accessories specified by the manufacturer
- 10. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 12. This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, such as vases, shall be placed on the apparatus.
- 13. Any changes or modifications not expressly approved in this manual could void your authority to operate this apparatus.



SERVICE AND SUPPORT

Do not attempt to service this unit yourself; doing so will void your warranty. Please check your unit carefully upon receipt, and return to place of purchase immediately if there are any problems with the product. After that, the standard Black Lion Audio 3 YEAR warranty will apply to defects in materials and workmanship.

U.S.A.

Should your Black Lion Audio product require service, please contact us via the form on our website:

<https://www.blacklionaudio.com/contact>.

You must obtain an RA # (Return Authorization number) from us before shipping a unit back to us. This RA # must be clearly written on the outside of the box.

Please safely pack the unit. It is best to use the original packing materials. Black Lion Audio cannot be responsible for any damages incurred in shipping to us due to poor packing. **Please pack carefully, and fully insure the shipment.**

INTERNATIONAL

For service or warranty assistance, please contact the Black Lion Audio distributor in your country through the dealer from whom you purchased this product.

LIMITED THREE-YEAR WARRANTY

PBR LIT is warranted by Black Lion Audio to be free from defects in materials and workmanship for the period of THREE (3) YEARS to the original purchaser. In the event of such defects, the product will be repaired without charge or, at our option, replaced with a new one if delivered to Black Lion Audio prepaid, together with a copy of the sales slip or other proof of purchase date. The warranty excludes problems due to normal wear, abuse, shipping damage or failure to use the product in accordance with the specifications.

All parts and labor are covered under this Limited Warranty. However, if it is determined by Black Lion Audio that the device was damaged or made defective through abuse, we reserve the right to charge the customer for the cost of the repair.

Black Lion Audio shall not be liable for damages based upon inconvenience, loss of use of the product, loss of time, interrupted operation or commercial loss or any other damages, whether incidental, consequential or otherwise. This warranty gives you specific legal rights, and you may have other rights, which will vary from state to state.

This warranty is not transferable.

NOTICE

This manual provides general information, preparation for use, installation and operating instructions for the Black Lion Audio PBR LIT.

The information contained in this manual is subject to change without notice. Black Lion Audio makes no warranties of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Black Lion Audio shall not be liable for errors contained herein or direct, indirect, special, incidental, or consequential damages in connection with the furnishing, performance, or use of this material.

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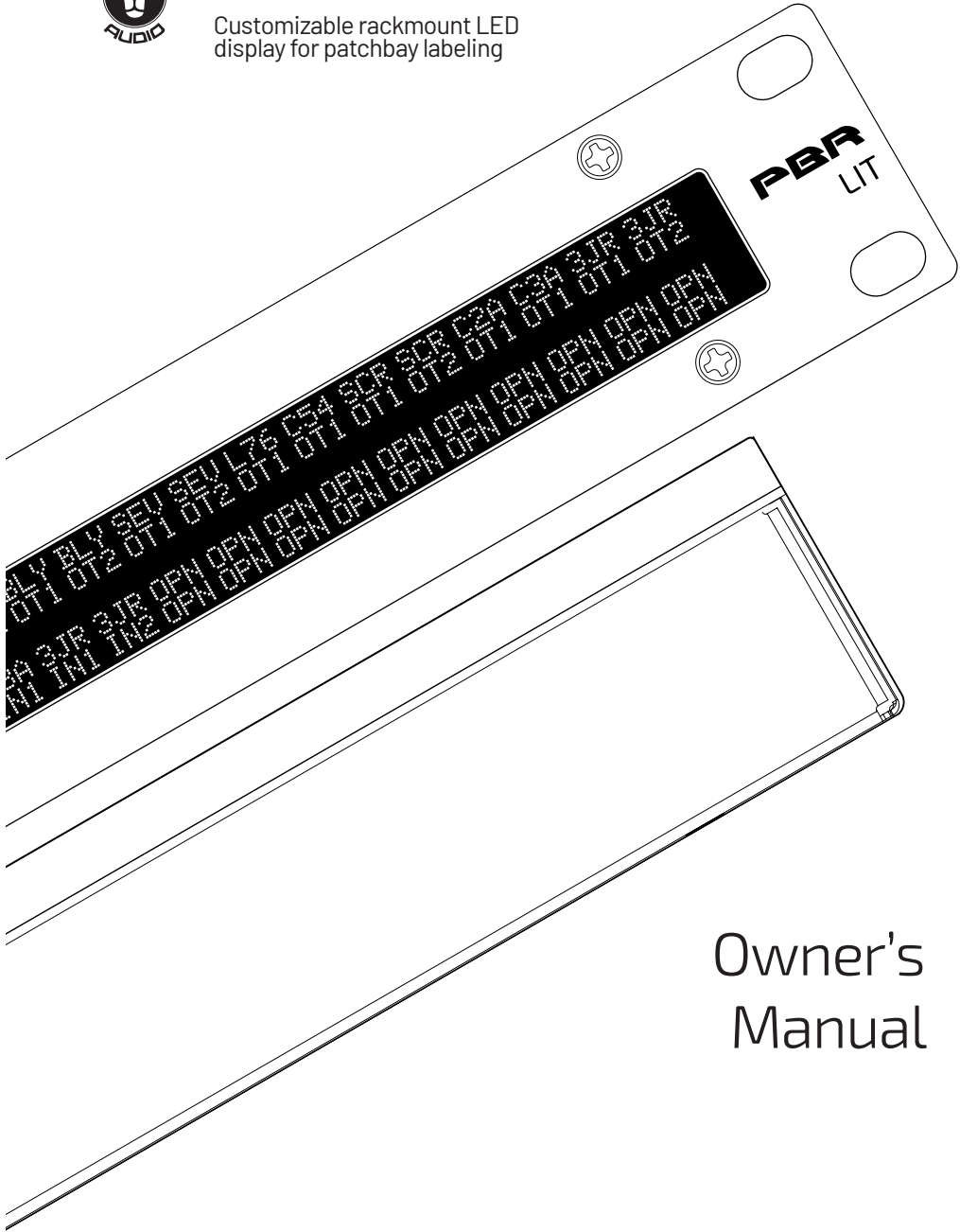
RAD Distribution

180 Carpenter Ave.
Middletown, New York, 10940
USA
Revised 8-03-26



PBR LIT

Customizable rackmount LED display for patchbay labeling



Owner's Manual

QUICK START GUIDE

Rack the PBR LIT above or below the patchbay you wish to label. Connect the included power supply to PBR LIT's rear-mounted +5v USB connection for power.

CHOOSING A DISPLAY MODE

The PBR LIT display has four modes for customizing your display. Choose the one that best matches the connections on the patchbay you wish to label. Mode 1(48-point TRS)is the default.

- 1. Press the Mode button. The currently-loaded mode flashes in the left side of the screen. An example of each mode's layout will be rendered to the right of the mode selection and control description so you can visually check the display's alignment with your patchbay's connections. The currently active mode will blink repeatedly.
- 2. Press Mode to cycle through mode options until you've arrived at the mode you want; mode selection is indicated by [brackets] around the Mode name.
- 3. Press Enter to select the current mode.
- 4. Press Exit when you're done with mode selection.

THE DISPLAY MODES

- **Mode 1:** 48-point TRS with 2 rows of 6 characters per patch point.
- **Mode 2:** 96-point TT with 2 rows of 3 characters per patch point
- **Mode 3:** 16-point XLR with 4 rows of 9 characters per patch point
- **Mode 4:** Custom . You get full use of the entire screen to display whatever text you would like, across 8 blocks of 2 lines with 29 characters per line.

CUSTOMIZING YOUR DISPLAY

Once you've chosen the operating mode, it's time to customize your display text. The PBR LIT display can be edited several different ways.

Using a keyboard

- 1. Connect your keyboard to the PBR LIT using a USB cable. Once connected, the PBR LIT's first cell will begin blinking to indicate the patchbay is in edit mode.
- 2. The arrow keys can be used to quickly select the desired cell for editing. The currently selected cell will continuously blink. Press enter to begin editing the currently selected cell.
- 3. Type the text you would like to see using the keyboard. Press TAB or ENTER to cycle to the next cell.
- 4. When finished, unplug the keyboard and press Update.

Using PatchCad BLA Edition software

- 1. Register your hardware at register.blacklionaudio.com/login
- 2. You'll receive a download link and activation code for PatchCad.
- 3. Download, install, and run PatchCad.
- 4. Enter your license key to activate.
- 5. Choose File >> New Project. Enter a name for your project and any other details you like.

- 6. Choose View >> Templates to display a list of templates on the right.
- 7. Double-click the PBR LIT patchbay to choose it.
- 8. Click any cell to activate text entry.
- 9. Enter the desired text. You get up to six characters per cell.
- 10. When done, choose Patchbays >> Export Black Lion Audio PBR Labels CSV.
- 11. Save or copy this file to a USB drive. Each mode has a different filename requirement; do not use any other filenames.
 - **TRS3 Mode:** PBR_TRS3.csv
 - **TT Mode:** PBR_TT96.csv
 - **XLR Mode:** Lab16_09.csv
 - **Custom Mode:** Lab04_36.csv
- 12. Safely eject the USB drive and remove it from your computer.
- 13. Place the USB drive in the USB port of your patchbay.
- 14. The patchbay text will be imported automatically. If it doesn't, the LED display will read "Err" to indicate an error; Check your filename and try again.

A NOTE ON THE USB PORTS

PBR LIT does not support connection directly to a computer. The front USB port is for use with a keyboard or USB drive only. The rear USB-C port is for power only.

FORMATTING A USB DRIVE

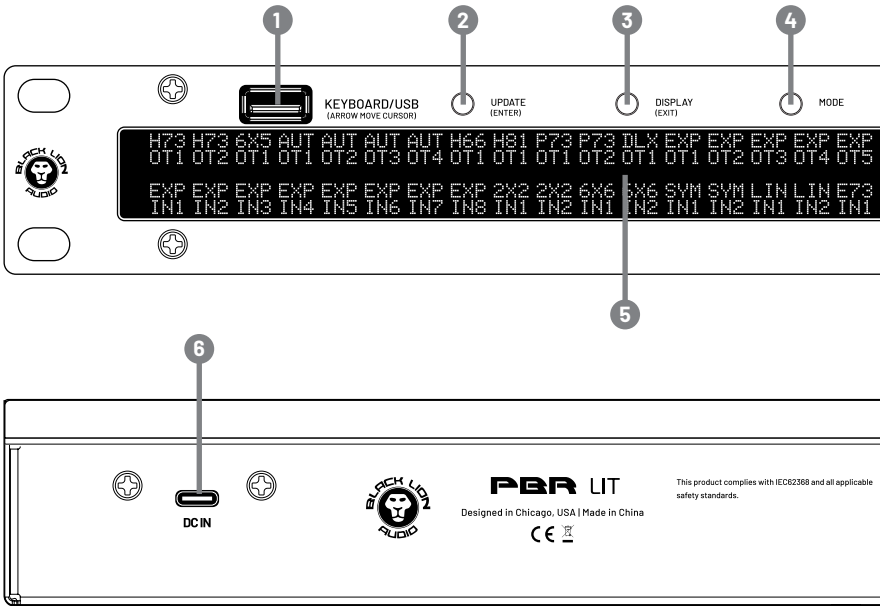
PBR LIT requires a USB drive of 8 GB or less in size.

Mac

- 1. Insert USB drive to computer.
- 2. Run Disk Utilities. (Press CMD+Space to open Spotlight and type "Disk Utilities")
- 3. Right click on your USB drive. It will be listed in the "external" section.
- 4. Click "Erase."
- 5. Name the drive whatever you like. Make sure the format type is set to "FAT32."
- 6. Click "Erase."
- 7. Your USB drive is now ready for use with your PBR LIT.

Windows

- 1. Insert USB drive to computer
- 2. Open File Explorer
- 3. Find your USB drive on the left side of File Explorer.
- 4. Right click your USB drive and click "Format."
- 5. Click restore device defaults and make sure the file system is set to FAT32.
- 6. Click "Start."
- 7. Click "OK."
- 8. Click "OK" when the process is complete.
- 9. Your USB drive is now ready for use with your PBR LIT.



CONNECTIONS AND CONTROLS

Front

- 1. **USB Port:** Connection for a USB keyboard or thumb drive for customizing the LED display. See "Customizing your LED display" for details.
- 2. **Update button:** Press to confirm changes to the LED display.
- 3. **Display button:** Press to toggle the LED display on/off.
- 4. **Mode:** Press to cycle through PBR LIT's four modes: TRS, TT, XLR, and Custom. See "The display modes" for details.
- 5. **LED display:** Shows your custom text.

Rear

- 6. **Power connection:** 5v USB-C connector for power only.

SPECIFICATIONS

Dimensions	Width: 19"(483 mm)
	Height: 1.75"(44 mm)
	Depth: 3.5"(90 mm)
Weight	2.75 lbs(1.25 kg)