

Notice

This manual provides general information, preparation for use, installation and operating instructions for the Black Lion Audio PBR XSplit8.

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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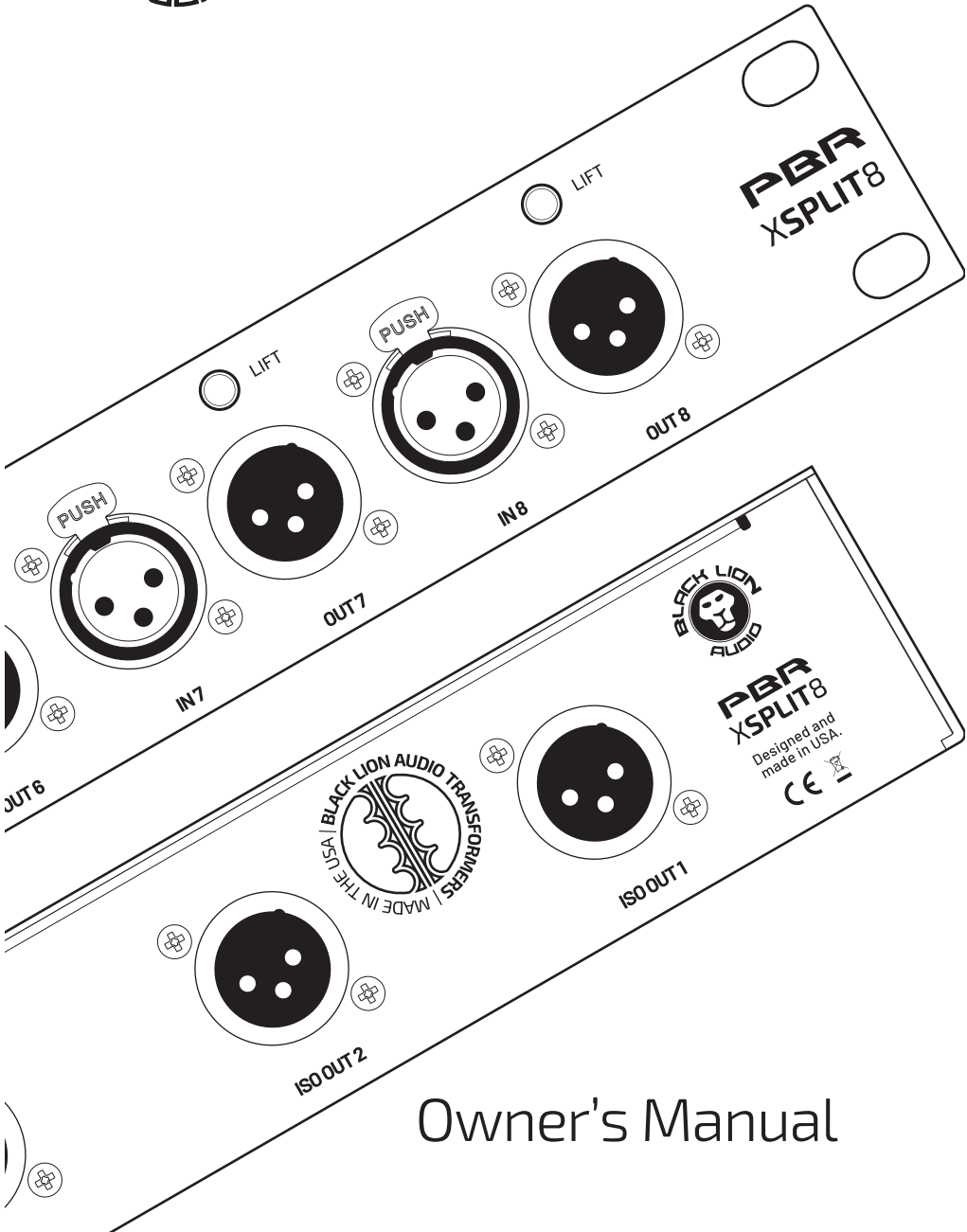
RAD Distribution
180 Carpenter Ave.
Middletown, NY 10940

Revised 03-25-25



PBR XSplit8

Passive XLR splitter



Owner's Manual

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.



Do not attempt to service this unit yourself, as it 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 on our customer service site: <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 units...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 packaging. 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 3 YEAR WARRANTY

Black Lion Audio's PBR XSplit8 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.

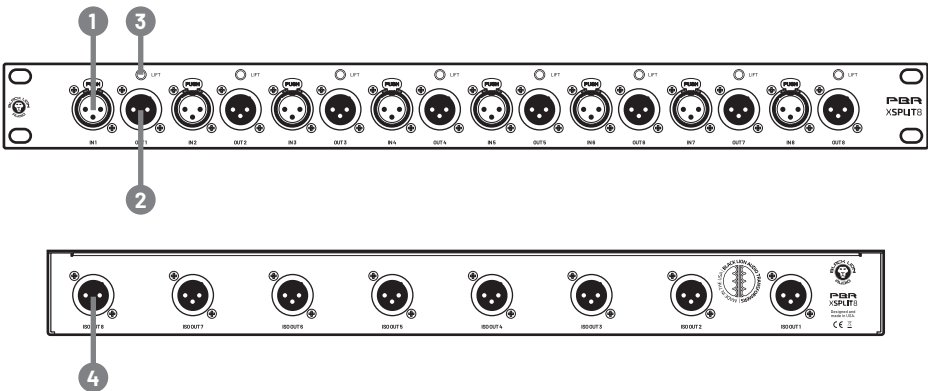
Black Lion Audio shall not be liable for damages based upon inconvenience, loss of use of the product, loss of time, interrupted operation or commercial loss or any other damages, whether incidental, consequential or otherwise. This warranty gives you specific legal rights, and you may have other rights,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

This warranty is not transferable.

THANK YOU!

Thanks for choosing the PBR XSplit8! It will provide you with superior audio quality and routing flexibility that will last you for years to come in-studio or on the road.

Simply connect your microphones to the front-mounted inputs of the PBR XSplit8, and their signal will be split to the front-mounted OUTs and the rear-mounted ISO OUTs.



- 1. **XLR Inputs:** Connect your microphones here. This input signal is split between the corresponding OUTs on the front and ISO OUTs on the back.
- 2. **XLR Outputs:** Connect your receiving devices here: preamps, mixers, audio interfaces, recorders, etc. Phantom power provided by these devices is passed back through the XLR Inputs to your microphones.
- 3. **Ground Lift Switches:** Engage to remove unwanted hum or noise caused by ground loops.
- 4. **ISO XLR Outputs:** Transformer-isolated outputs. Connect your secondary receiving devices here. These outputs do not carry phantom power.

EXAMPLE USE CASES

Onstage in-ear monitors: Use the PBR XSplit8 to split mic signals to both a mixer for in-ears and front of house. Ideal for both music venues and houses of worship.

- Connect your microphones to the IN connections on the front of the XSplit8.
- Connect your front-of-house mixer inputs to the OUT connections on the front of the XSplit8.
- Connect your in-ear monitor mixer inputs to the ISO OUT connections on the rear of the XSplit8.

Studio mic splitter: In the live room, split your signals and send them to both your audio interface/recorder as well as your console or IEM rig.

- Connect your microphones to the IN connections on the front of the XSplit8.
- Connect your audio interface or recorder inputs to the OUT connections on the front of the XSplit8.
- Connect your monitor console or in-ear monitor mixer inputs to the ISO OUT connections on the rear of the XSplit8.

TRANSFORMER-ISOLATED OUTPUTS

Each ISO output on the rear of the PBR XSplit8 features a dedicated, purpose-built Black Lion Audio transformer. Transformer balancing minimizes signal degradation and opportunities for ground loops by providing complete electrical separation between your devices.

The ISO outputs strictly carry their assigned audio signal and **no phantom power**, ensuring that no potentially damaging voltage is accidentally sent to sensitive gear.

SPECIFICATIONS

Input Impedance	1k ohm with 250 ohm load
Output Impedance	250 ohm with 1k load
Freq response	20hz-20k +/- .2db @ -15dbu
THD	.0025% @1k
CMRR	-110 db @ 60hz
Phase Shift	.09° @ 100hz
Maximum Input	+3db
Insertion Loss	-1.2 db
Dimensions	Width: 48.26 cm(19") Height: 4.45 cm(1.75") Depth: 8.59 cm(3.38")
Weight	1.75 kg(3.85 lb)