




ADJ 89638 D4
Branch RM 4
Output DMX
Data Splitter



ADJ 89638 D4 Branch RM 4 Output DMX Data Splitter User Manual

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ADJ 89638 D4 Branch RM 4 Output DMX Data Splitter



Product Information

Specifications

- Product Name: D4 BRANCH RM
- Type: 4-way distributor/booster
- Rack Space: Single rack space
- Manufacturer: ADJ Products, LLC

Overview

The D4 BRANCH RM is a reliable 4-way distributor/booster designed for long-term performance when used following the guidelines in the user manual.

- Installation Guidelines

Before installing the D4 BRANCH RM, carefully read and understand the instructions in the user manual. Ensure proper setup and connection to avoid any safety hazards.

- Safety Precautions

It is important to follow safety precautions while operating the D4 BRANCH RM. Avoid exposing the unit to rain or moisture to prevent electrical shock or fire hazards. Additionally, avoid looking directly into the light source to prevent eye damage.

- User Manual

For the complete user manual and latest updates, please visit www.adj.com.

- Customer Support

For assistance with setup or any questions, contact ADJ Products, LLC customer support at [800-322-6337](tel:800-322-6337) or email support@adj.com. Service hours are Monday through Friday, 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

- Energy Saving Notice

To save electric energy and protect the environment, turn off all electrical products when not in use and disconnect them from power to avoid idle power consumption.

- General Instructions

For optimal performance and safety, carefully read and follow the operating instructions provided in the user manual. Keep the manual for future reference.

- Warranty Registration

To validate your purchase and warranty, fill out the warranty card enclosed with the product or register online at www.adj.com. Make sure to follow return procedures for service items under warranty.

- Warning

To prevent electrical shock or fire, do not expose the unit to rain or moisture. Avoid direct eye contact with the light source to prevent eye damage.

- FCC Statement

The product complies with FCC regulations. Refer to the user manual for more information.

- **Dimensional Drawings & Technical Specifications**

Refer to the user manual for detailed dimensional drawings and technical specifications of the D4 BRANCH RM.

FAQ

- **Q: How do I connect devices to the D4 BRANCH RM?**

A: To connect devices, use appropriate cables and follow the connection guidelines provided in the user manual. Ensure proper power supply and avoid overloading the unit.

- **Q: What should I do if the unit malfunctions?**

A: In case of malfunction, contact ADJ Products, LLC customer support for assistance. Do not attempt to repair the unit yourself to avoid potential hazards.

D4 BRD4 BRANANCCH RH RMM User Manual

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- ADJ Products, LLC and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.



DOCUMENT VERSION

Please check www.adj.com for the latest revision/update of this guide.

| Date | Document Version | Software Version \geq | DMX Channel Mode | Notes |
|----------|------------------|-------------------------|------------------|---|
| 03/30/21 | 1 | N/A | N/A | Initial Release |
| 04/20/21 | 2 | N/A | N/A | Updated Dimensional Drawings and Technical Specifications |
| 02/23/22 | 3 | N/A | N/A | Added ETL and FCC |
| 04/12/24 | 4 | N/A | N/A | Updated Formatting, General Information, Technical Specifications |

- Europe Energy Saving Notice
- Energy Saving Matters (EuP 2009/125/EC)
- Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

GENERAL INFORMATION

- Unpacking: Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your device for damage and be sure all accessories necessary to operate the device have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support at the number listed below.
 - Please do not discard the shipping carton in the trash. Please recycle whenever possible.
- Introduction: This single rack space, 4-way distributor/booster has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important information regarding safety during use and maintenance.

Box Contents

- (2) Rack Mount Brackets & (4) Screws
- (4) Rubber Pads
- Manual & Warranty Card

Customer Support: ADJ Products, LLC provides a customer support line, to provide set up help and to answer any questions that may arise during initial set up or operation. You may also visit us on the web at www.adj.com for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

- Voice: [800-322-6337](tel:800-322-6337)
- E-mail: support@adj.com

- **Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- **Warning!** This device can cause severe eye damage. Avoid looking directly into the light source for any reason!

GENERAL INSTRUCTIONS

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

WARRANTY REGISTRATION

Please fill out the enclosed warranty card to validate your purchase and warranty. You may also register your product at www.adj.com. All returned service items, whether under warranty or not, must be freight pre-paid and accompanied by a return authorization (R.A.) number. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Please contact ADJ Products, LLC customer support for an R.A. number.

HANDLING PRECAUTIONS

- Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact ADJ Products, LLC.
- ADJ Products, LLC will not accept any liability for any resulting damages caused by the non-observance of this manual or any unauthorized modifications to this unit.

SAFETY PRECAUTIONS

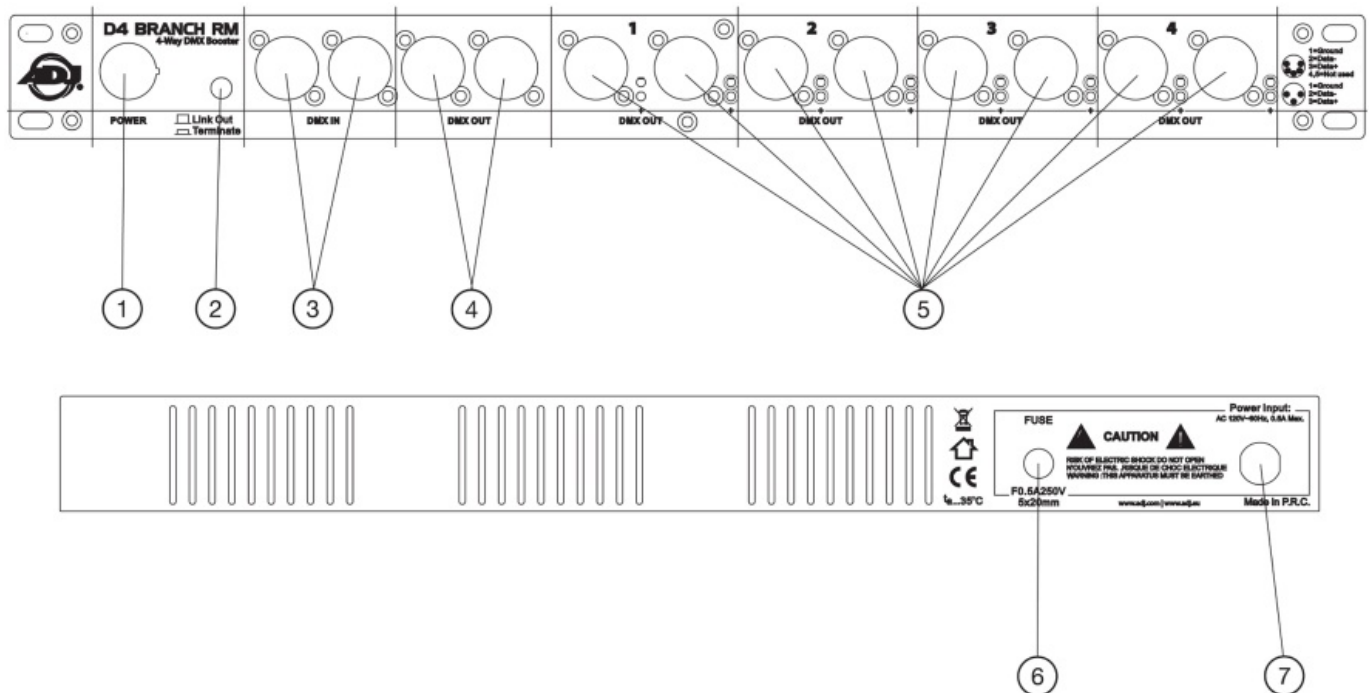
For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- Be sure that the power outlet being used matches the required voltage for your unit.
- Do not attempt to operate this unit if the power cord is frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not plug the device into a dimmer pack.
- Do not remove the cover for any reason. There are no user serviceable parts inside.
- Never operate this unit with the cover removed.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit if it has been damaged in any way.
- This unit is intended for indoor use only. Use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed

upon or against them, paying particular attention to the point at which they exit from the unit.

- Heat – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
 - The power-supply cord or the plug has been damaged.
 - Objects have fallen onto, or liquid has been spilled into, the appliance.
 - The appliance has been exposed to rain or water.
 - The appliance does not appear to operate normally or exhibits a marked change in performance.

OVERVIEW



1. Power Switch
2. Link Out / Terminate Selector
3. DMX Input
4. DMX Output
5. DMX Output with Driver
6. Fuse
7. Power Input

LINK OUT / TERMINATE SELECTOR: When set to “Terminate”, this selector will disable the DMX Outputs with Driver (labeled 1-4 on the device). When set to “Link Out”, signal to these outputs is enabled and additional devices can be linked. This switch is primarily used for troubleshooting.

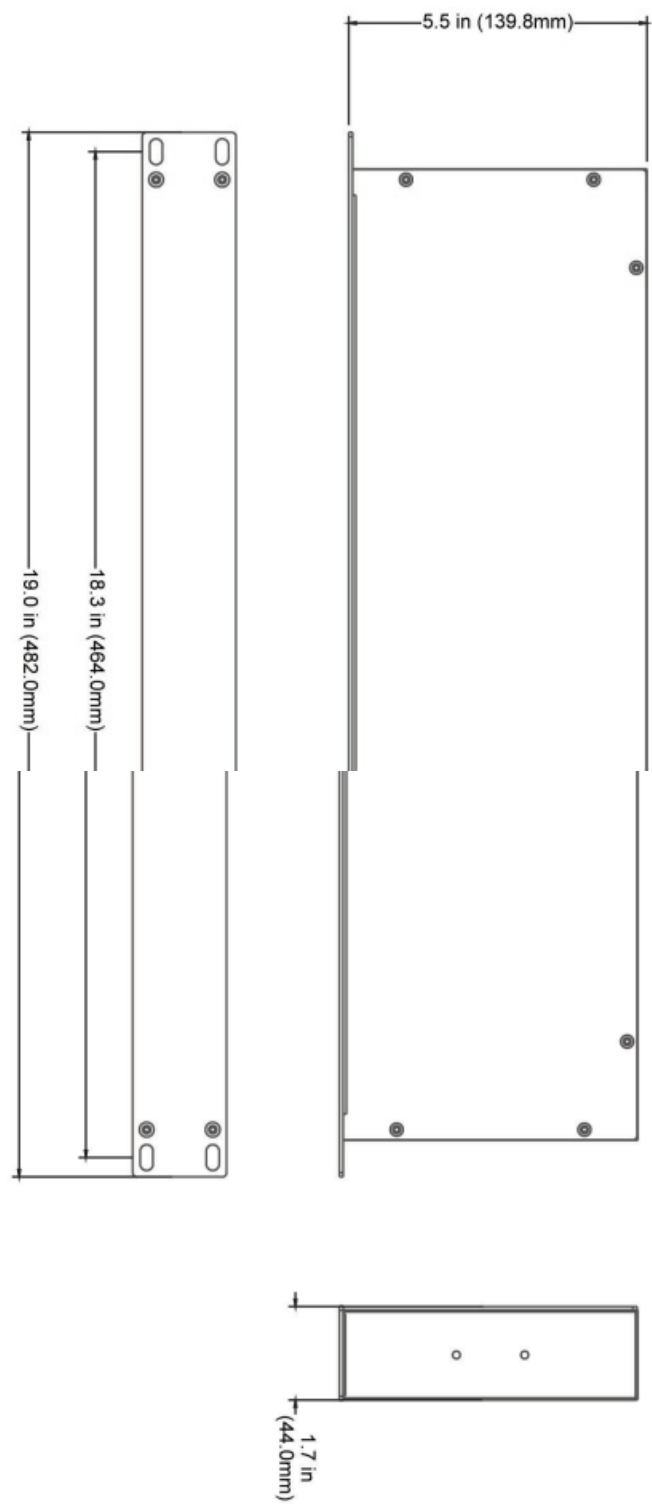
FUSE: The fuse is rated F0.5A 250V 5x20mm. When replacing the fuse, be sure to use only a fuse with the same rating.

INSTALLATION GUIDELINES

- **FLAMMABLE MATERIAL WARNING** – Keep device at least 5.0 feet (1.5 meters) away from any flammable materials, decorations, pyrotechnics, etc.

- ELECTRICAL CONNECTIONS – A qualified electrician should be used for all electrical connections and/or installations.
- The device can be placed on any flat surface when the included four (4) rubber feet are attached to the bottom of the device.
- The device can also be installed in a standard 19-inch 1-U rack space using standard rack screws (not included).

DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS

FEATURES

- 4-Way DMX Data Splitter / Fully DMX 512 (1990) Compliant
- Built-in signal amplifier boosts the DMX signal for each port
- Link / Terminate Button for Easy Troubleshooting
- DMX Status LED Indicator
- (1) 3pin + (1) 5pin XLR Isolated Input
- (1) 3pin + (1) 5pin XLR Passive Loop Output
- (4) 3pin + (4) 5pin XLR Isolated Outputs

SIZE / WEIGHT

- Length: 19.0" (482mm)
- Width: 5.5" (139.8mm)
- Vertical Height: 1.7" (44mm)
- Weight: 5.3 lbs. (2.4 kg)

ELECTRICAL

- AC 120V / 60Hz (U.S.)
- AC 240V / 50Hz (E.U.)

APPROVALS

- CE
- cETLuS
- FCC
- UKCA



Please note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC RADIO FREQUENCY INTERFERENCE WARNINGS & INSTRUCTIONS

This product has been tested and found to comply with the limits as per Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device uses and can radiate radio frequency energy and, if not installed and used in accordance with the included instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.



- If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following methods:
 - Reorient or relocate the device.
 - Increase the separation between the device and the receiver.
 - Connect the device to an electrical outlet on a circuit different from which the radio receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

Europe Energy Saving Notice

- Energy Saving Matters (EuP 2009/125/EC)
- Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you
- Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Documents / Resources

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|   D4 BRANCH RM User Manual | ADJ 89638 D4 Branch RM 4 Output DMX Data Splitter [pdf] User Manual 89638 D4 Branch RM 4 Output DMX Data Splitter, 89638, D4 Branch RM 4 Output DMX Data S plitter, Output DMX Data Splitter, DMX Data Splitter, Data Splitter, Splitter |
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References

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