



User's Manual



6-Channel DMX Splitter

612166

SAFETY WARNINGS AND GUIDELINES

- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.
- This device is intended for indoor use only.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Unplug this device from the power source when not in use.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- This device uses a grounded power cord and requires a ground connection for safe operation. Ensure that the power source has a proper ground connection. Do not modify the plug or use a "cheater" plug to bypass the ground connection.
- Do not allow the power cord to be crimped, pinched, stepped on, etc. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.
- Keep away from corrosive materials.

FEATURES

- Fully compliant with the DMX512 specifications
- 3-pin XLR input and outputs
- 6 isolated DMX splitter outputs
- Input isolated from the outputs at over 1000 VDC
- Outputs isolated from each other at over 1000 VDC
- Accepts 100 ~ 240 VAC, 50/60, 2A power source

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at support@monoprice.com

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x 6-channel DMX splitter

1x AC power cord (NEMA 5-15P to IEC 60320 C13)

CONNECTIONS

Note: Ensure that power is off and the splitter is not plugged into a power source before making connections.

Connect your DMX source device, such as a DMX controller or the output of another DMX distribution device, to the **INPUT (A)** connection.

Connect your DMX receiving device chains, such as lights, to the six numbered **OUTPUT** connections.

Connect another DMX distribution device or a DMX terminator to the **OUTPUT (B)** connection (to the right of the INPUT connection).

Plug the included AC power cord into the C14 panel connector on the back of the splitter, then plug the other end into a nearby AC power outlet.

Notes:

1. Do not connect a chain of more than 32 devices to any one OUTPUT. Connecting more than 32 devices to one of the OUTPUTs can result in a transmission failure.
2. You must use a DMX terminator, such as the **Monoprice 601600**, at the end of each chain of connected devices.
3. You do NOT need to use a DMX terminator on any of the unused numbered OUTPUT ports. The splitter automatically terminates unused lines.
4. You DO need to use a DMX terminator on the **OUTPUT (B)** if it is not connected to another DMX device.

Note that these are general guidelines that may or may not apply to specific installations. However, following these guidelines will always work.

DMX SIGNAL LED INDICATOR

The DMX SIGNAL LED indicator next to the OUTPUT (B) illuminates when a DMX signal is being transmitted.

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com during regular business hours, 7 days a week. You can also get assistance through email by sending a message to tech@monoprice.com

REGULATORY COMPLIANCE

Notice for FCC



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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the

user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice for Industry Canada



This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.