



TECSHOW MASTER SPLIT 10 DMX Signal Distributor User Manual

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TECSHOW MASTER SPLIT 10 DMX Signal Distributor



Technical Specifications

- 2 DMX inputs / 2 thru outputs
- 2 x 5 DMX outputs
- Each input and output is isolated
- DMX splitter / RDM compatible
- **DMX input connector:** XLR-D3M / XLR-D5M
- **DMX thru output connector:** XLR-D3F / XLR-D5F
- **DMX distributed output connector:** XLR-D3F x4 / XLR-D5F
- **Power supply:** AC 200-240V, 50-60 Hz
- **Dimensions:** 44.5 x 16.4 x 4.5 cm
- **NW:** 2 kg, **GW:** 2.5 kg

Product Usage Instructions

Installation

1. Ensure the power supply is disconnected before installation.
2. Connect the DMX input connectors to your lighting console or controller.
3. Connect the DMX thru output connectors to other DMX devices if needed.
4. Connect the DMX-distributed output connectors to the fixtures you want to control.
5. Plug in the power supply and turn on the unit.

Operation

1. Check that all connections are secure before powering on the unit.
2. Use the DMX inputs to receive control signals from your console.
3. The isolated outputs ensure signal integrity when distributed to multiple fixtures.
4. Test each output by connecting individual fixtures to verify proper operation.

Maintenance

Regularly check for any loose connections or signs of damage. Clean the unit with a dry cloth when necessary. Do not expose the unit to moisture or extreme temperatures.

Product Features

Main Features

- **Brand**
 - Tecshow
- **Model**
 - MASTER-SPLIT-IO
- **Voltage**
 - 220V

Others

- **Number of entries**
 - 2
- **Number of outputs**
 - 10
- **With USB port**
 - No

Description

Master Split 10 – 10-Way Optically Isolated DMX Splitter The Master Split 10 is a high-performance DMX splitter designed to efficiently and reliably distribute the DMX signal in professional lighting systems. With 2 inputs and 10 outputs, this device significantly reduces signal loss, especially in long-range transmissions, ensuring stable communication at all times. It is ideal for integration into any project requiring precise DMX signal distribution, such as live shows, permanent installations and complex lighting systems.

The Master Split 10 is equipped with selectable outputs, allowing the user to choose between a configuration of 10 individual outputs or to split them into 2 groups of 5 outputs each, offering flexibility to fit different installation needs. In addition, its optically isolated outputs provide additional protection against interference and noise in the system.

Technical Features

- **Inputs:** 2 3-pin DMX inputs (XLR-3).
- **Outputs:** 10 3-pin DMX outputs (XLR-3), optically isolated.
- **Operating mode:** Switch selectable to configure the outputs as 10 individual ones or in 2 groups of 5 outputs.
- **Optical isolation:** Protects the signal and the equipment against noise and connection failures, guaranteeing a cleaner and more reliable signal.
- **3-pin XLR connectors:** The industry standard for easy integration with DMX lighting systems.
- **Signal loss reduction:** Minimizes signal degradation in long-range transmissions, allowing the signals to reach all connected devices stably.

Advantages

- **Signal loss reduction:** Ideal for systems with long-range cabling, maintaining the integrity of the DMX signal without distortion.
- **Configuration flexibility:** Allows you to select between 10 independent outputs or divide them into two groups of 5, adapting to different needs.
- **Optical isolation:** Protects the connections and the equipment from possible interference, ensuring a more reliable and long-lasting operation.
- **Easy Integration:** Standard XLR-3 connectors and multiple configuration options, the Master Split 10 is easy to integrate into any lighting installation or project.
- **Durability:** Robust and reliable design, suitable for professional use in demanding conditions.

The Master Split 10 is the perfect tool for those looking for efficient and safe DMX distribution in professional lighting systems. Its optical isolation capability and configuration flexibility make it an ideal choice to ensure stable and interference-free DMX signal transmission.

6 months warranty

We are SHOWROOM LINIERS and we are dedicated to the sale, import, installation of professional audio, lighting and musical instruments. With more than 20 years of experience in the field which is not only limited to the sale of products, but also to after-sales advice. We have products from the most prestigious brands and a wide catalog so you can find what you are looking for.

SHIPPING METHODS

- Market Shipments to the entire Country
- Parcel (Vi'a Cargo, Flecha Bus, Andesmar, Chevallier, Transporte San Juan, etc.)
- Motorcycle courier
- Express

Note: We pack your product safely and neatly at no additional cost so that your purchase arrives in perfect condition.

LOCATION

We are located in the Liniers neighborhood (CABA) very close to the Sarmiento train station. Also close to Av. Gral. Paz. And the 25 de Mayo Highway.

HOURS

- Monday to Friday from 9:00 a.m. to 6:00 p.m.
- Saturdays 9:00 a.m. to 1:30 p.m.

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FAQs

Q: Can I use this DMX splitter with other lighting protocols?

A: The DMX splitter is designed specifically for DMX and RDM protocols. It is recommended to use it with compatible devices.

Q: What should I do if one of the outputs is not working?

A: Check the connections and ensure that the fixture being connected is functioning properly. If the issue persists, contact customer support for assistance.

Q: Is it safe to leave the unit powered on continuously?

A: While the unit is designed for continuous use, it is recommended to power it off when not in use to save energy and prevent overheating.

Documents / Resources



[TECSHOW MASTER SPLIT 10 DMX Signal Distributor](#) [pdf] User Manual
MASTER SPLIT 10 DMX Signal Distributor, MASTER SPLIT 10, DMX Signal Distributor, Signal Distributor, Distributor

References

- [User Manual](#)

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