User Manual

FLASH



SPLITER ARTNET DMX
8x512 CH

F9000381

INTRODUCTION

The ARTNET-DMX 8 is a reliable and versatile ArtNet-to-DMX adapter designed to expand DMX networks. It allows conversion of Ethernet data into 8 universes of DMX signal. Additionally, it can be used as a DMX Splitter with 2 inputs to 8 DMX signal outputs. It is intended for control of all kinds of lighting products such as conventionals, moving lights, LEDs, video and media via DMX signal. To optimize the performance of this product, please read the user manual carefully before use.

What Is Included

The following items are included in the box:

- 1pc ArtNet-DMX 8
- 1pc Power cable
- 1pc User Manual

Carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Contact your supplier immediately and retain packing material for inspection if any part is missing or damaged.

Safety Instruction



WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- This product is intended for indoor use only!
- Always turn off, unplug power and allow fixture to cool before servicing.
- Ensure that fixture is properly grounded.
- Please keep this User Guide for future consultation.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- The unit must be installed in a location with adequate ventilation. Be sure no ventilation slots are blocked.
- Make sure power cord is never crimped or damaged.
- Do not remove the top cover under any conditions. There are no user serviceable parts inside.
- Disconnect the unit's main power when left unused for long periods of time.
- Never connect this unit to a dimmer pack.
- Never operate this unit when it's cover is removed.
- Any damage caused by manual modifications are not subjuect to warranty.

Indicators

On the front panel there are indicators described as below.

Indicator	Behavior	Meaning
LINK	Solid	Ethernet IN is connected to ArtNet source
DATA	Blinks	Unit receives ArtNet signal
DMX 1	Solid	DMX IN-1 is connected to DMX source
DMX 2	Solid	DMX IN-2 is connected to DMX source
Signal Out	Solid	DMX OUT ports output DMX signal

Software updating

1) Format your USB stick under FAT mode.
2) Copy the new software to the root directory of your USB stick.
3) Insert USB stick in the USB port in the front panel.
4) Press Menu button till "SYSTEM setup [new software]" shows on display.
5) Press ▷ button to update software.

USB port for software updating via USB-stick only. Do not connect any peripheral device (mouse, keyboard or similar).

SPECIFICATIONS

Power Input: AC 100-240V 50-60Hz
Power consumption: 6W
Data inputs: EtherCon and 3pin XLR In(or 5pin)
Data outputs: 8 x 3pin XLR Out (or 5pin)
Data Thru: EtherCon
Dimension: 482 x 168 x 44 (1U rack mount)
Weight: 2.2 kg

IMPORTANT INFORMATION!

In order to optimize the recovery and recycling of the materials that old appliances contain and reduce the impact on human health and the environment, ensure that this product is recycled at the end of its life.

ArtNet to DMX

When the unit is used as an ArtNet to DMX adapter, Art-Net universes must be assigned to DMX output ports, and the Net, Subnet, IP address settings must be configured.

To configure Net and Subnet setting, do the followings:

1) Press Menu button until [System Setup / [new software]] shows in the display.

2) Use ▲ ▼ button to select [System Setup / [Outputs Set]]

3) Press ▶ button to access [Port Type / [01] Art-Net] ,use UP/DOWN to select Port and ◀ ▶ button to select output Type [Port Type / 01 [Art-Net] ▶]

4) Press ▶ button to access [Net Subnet / [000] 001] then use ▲ ▼ and ◀ ▶ button to set Net and Subnet.

DMX Splitter function

When the unit is used as a DMX splitter only, DMX output ports must be assigned to either DMX IN-1 or DMX IN-2, the Net, Subnet, IP address settings do not need configuration.

1) Press Menu button until [System Setup / [new software]] shows in the display.

2) Use ▲ ▼ button to select [System Setup / [Outputs Set]]

3) Press ▶ button to access [Port Type / [01] DMX-1] ,use UP/DOWN to select Port and ◀ ▶ button to assign port selected to DMX IN-1 or DMX IN-2 [Port Type / 3 [DMX-2]]

ArtNet-DMX and DMX Splitter function

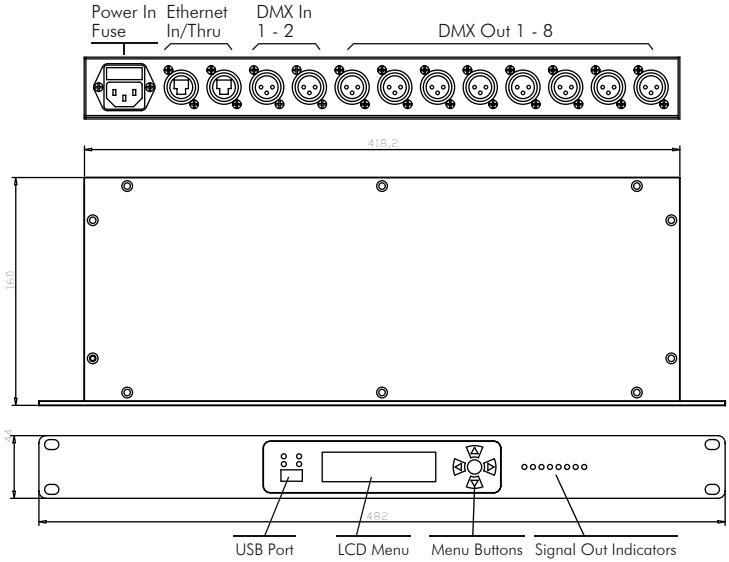
When the unit can be used as both ArtNet-DMX adapter and DMX splitter simultaneously. In this case, both ArtNet settings and DMX assignments must be configured. Please refer to ArtNet to DMX and DMX Splitter function.

DMX output ports can be assigned to only ArtNet or DMX -1 /2 , not both.

Features

- Supports ArtNet and DMX
- 8 Universal DMX ports
- 2 RJ45 TCP/IP 10/100M Ethernet connectors
- Artnet to DMX signal conversion
- 2 inputs to 8 outputs DMX Splitter function
- LED indicator for each output
- 16 x 2 digits LCD menu/fuction display
- USB port for fireware updating

Product Overview



SETUP

Installation

The unit fits nicely in a standard 19" rack or sits on a flat surface.

AC Power

The unit has an internal auto-ranging power supply that works with an input voltage range of 100–240 VAC, 50/60 Hz. Before applying power to a unit, make sure that the unit's input voltage matches the power source voltage.

WARNING: All units must be connected to circuits with a suitable Earth Ground.

Signal Connection

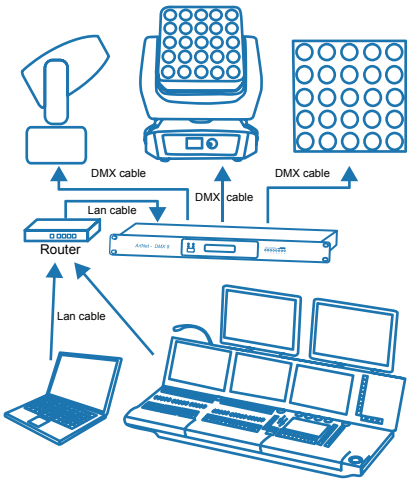
The unit receives signal though 2 DMX In ports and one of 2 Neutrik® etherCON® ports. It sends signal out through 8 DMX Out ports and the other Neutrik® etherCON® port.

Connection Diagram

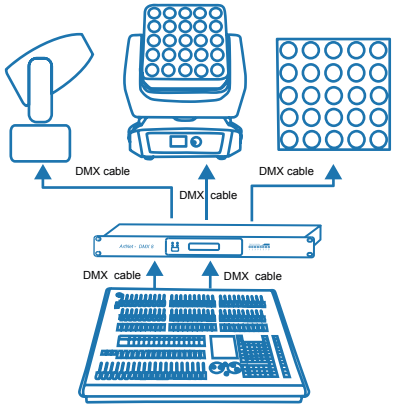
The unit can be used as ArtNet to DMX, DMX splitter function, and both ArtNet-DMX and DMX splitter simultaneously. Once it is properly configured it operates without user intervention.

Please see connection diagram as below.

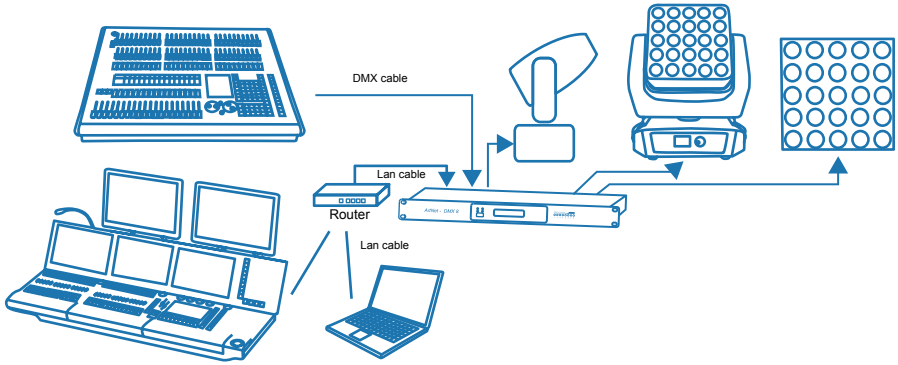
ArtNet to DMX Conversion



DMX Splitter Function



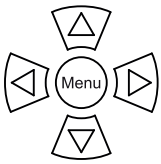
Both ArtNet to DMX and DMX Splitter Function



OPERATING INSTRUCTIONS

Menu Buttons

The setup of menu is operated by 5 buttons as described belows.

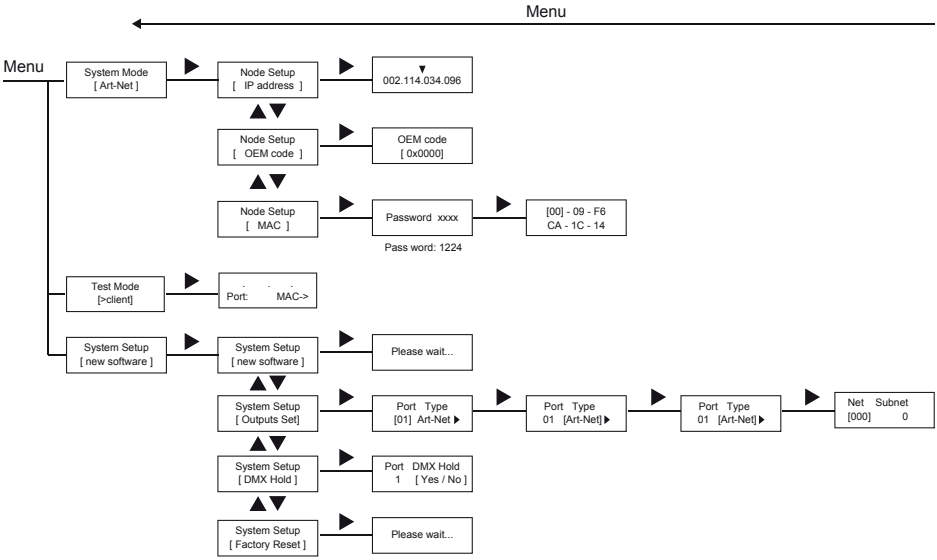


Menu Button

When navigating the menu:

- Use (Menu) to scroll 1st level menu or back to higher level.
- Use ▲ to increase value.
- Use ▼ to decrease value.
- Use ▶ to move right.
- Use ◀ to move left.

Menu Map



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