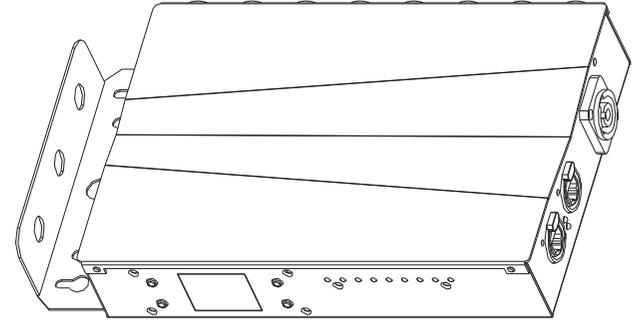


DMX Converter Series



□ ARTNET-8DMX Converter

Version:1.0 23 APR 2021

User Manual

This product manual contains important information about the safe installation and use of this product. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

I. Introduction

This unit supports ArtNet and DMX 512 protocol so that it can convert ArtNet to DMX 512 signals and vice versa. It supports 8 ArtNet universes, total 4096 channels. It has a RJ45 port and eight t 3-pin DMX ports, all 100% electrical isolation. For all kinds of application on TV shows, stage lighting, pubs etc.

II. Features

- * The 8 DMX ports can all be configured as inputs or outputs.
- * It can convert ArtNet to DMX-512 signals and vice versa.
- * DMX ports: Neutrik 3-pin XLR
- * 100% electrical isolation between all in/outputs
- * TFT display shows parameters. Automatic screen saver.
- * Each converter can be set 128 Net Addresses. Each Net Address contains 16 Subnet Addresses. Each Subnet addresses contains 16 Universes. When multiple units are connected, a total of 32768 Universes and 16777216 channels can be controlled.
- * Wide input stable electric power supply: AC88~256V 50/60Hz
- * Dimension: 270mm × 160mm × 45 mm
- * Net Weight: 1.25 Kg

III. Safety Notes

Before operating, please read the User Manual completely. That would be necessary and helpful for you to use the unit more available and effectively. The following rules give important information regarding safety during use and maintenance:

- * Keep the unit dry, do not expose it to water or high levels of humid.
- * Don't try to dismantle or modify the product without any authorized permission.
- * Keep the unit away from magnetic fields when operating.
- * Do not make any inflammable liquids or metal objects enter the unit.
- * Handle this product with great care, any strong shocks or vibration may result in malfunction.
- * Should any liquid be spilled on the unit, disconnect the power supply to the product immediately.

IV. Contents in the package

- | | |
|-------------------------|-----|
| * ARTNET-8DMX Converter | 1PC |
| * User Manual | 1PC |
| * PowerCon Cable | 1PC |
| * Cat 5 network cable | 1PC |

* Set Language (English/Chinese)

Press **UP/DOWN** button to select "Set Language" and then press **ENTER** button to select "English/语言".

5. Load Default

- (1) Enter the main menu.
- (2) Press the **UP/DOWN** button to select "Load Default" and then press **ENTER** button to enter.
- (3) Press the **UP/DOWN** button to select "MENU: Cancel" or "ENTER: Reset".
- (4) Press the **ENTER** button to confirm.

Confirm
MENU: Cancel
ENTER: Reset

Notes:

- * Select option "MENU: Cancel", then return to the previous menu and cancel load default
- * Select option "ENTER: Reset", the unit will restore the factory settings.

3. DMX Out

- (1) Enter the main menu interface.
- (2) Press **UP/DOWN** button to select “DMX Out” option and then press **ENTER** button to enter.
- (3) Press **UP/DOWN** button to select “DMX Break/ DMX MAB/ Back”.

▶ DMX	01/03
DMX Break	92
DMX MAB	12
Back	

* Set DMX Break

- A. Press **UP/DOWN** button to select “DMX Break” option and then press **ENTER** button to enter.
- B. Press **UP/DOWN** button to set value “092-999”. Press **ENTER** button to confirm. (The Default is 92)

* Set DMX MAB

- A. Press **UP/DOWN** button to select “DMX MAB” option and then press **ENTER** button to enter.
- B. Press **UP/DOWN** button to set value “012-999”. Press **ENTER** button to confirm. (The Default is 12)

4. DISPLAY

- (1) Enter the main menu interface.
- (2) Press **UP/DOWN** button to select “Display” option and then press **ENTER** button to enter..
- (3) Press **UP/DOWN** button to select “Screen Mode/Screen Time / Language/Version/Back”.

▶ Display	01/05
Screen Mode	STATUS
Screen Time	010
Language	English
Version	APR 14 2021
Back	

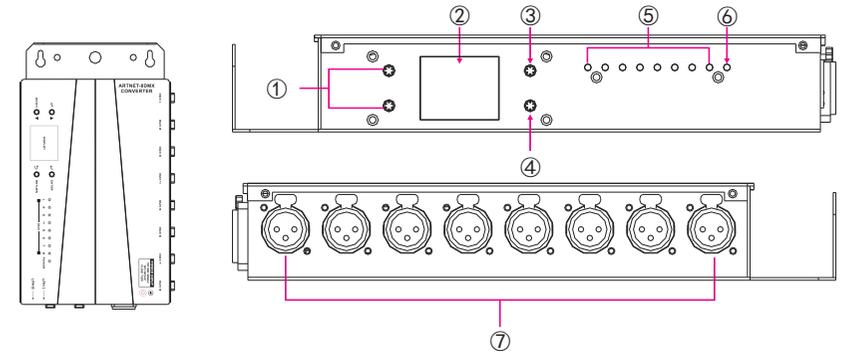
* Set Screen Mode

Press **UP/DOWN** button to select “Screen Mode” option and then press **ENTER** to select “STATUS/ON/OFF” option. (The Default is STATUS)

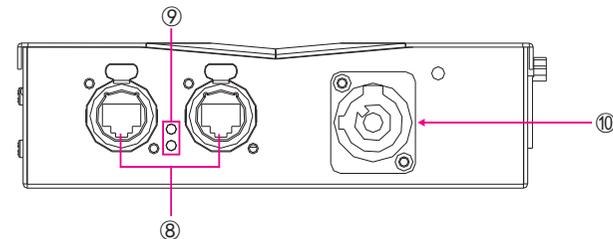
* Set Screen Time

Press **UP/DOWN** button to select “Screen Time” option and then press **ENTER** to enter it. Press **UP/DOWN** button to change the Screen Time “003-255”. Press **ENTER** button to confirm. (The Default is 010)

V. Product overview



- ① UP/DOWN button: The UP/DOWN button is used to select item of submenu.
- ② DISPLAY: TFT display is used to show the current menu data.
- ③ ENTER button: The ENTER button is used to confirm the item.
- ④ RETURN button: The RETURN button is used to return the previous menu.
- ⑤ DMX 1-8 indicators: show the status of DMX ports.
- ⑥ POWER indicator: shows the OFF / ON status of the unit.
- ⑦ DMX ports 1-8: used to input/output standard DMX 512 signal.



- ⑧ LAN ports 1-2 : used to input/output Ethernet signal.
- ⑨ LAN 1-2 indicators: shows the connection status of LAN ports 1-2.
- ⑩ Power input: used to input the AC voltage to the unit.

Notes: LAN 1 and LAN 2 ports are switch communication modes, which can be used to connect to the next converter.

VI. Function Menu Introduction

6.1 Screen saver

IP Addr: 2.XXX.XXX.XXX								
Net: 0			Sub: 0					
Port	1	2	3	4	5	6	7	8
Univ	0	1	2	3	4	5	6	7
Dir	0	0	0	0	0	0	0	0

Notes:XXX means 000 to 255.Each unit has different IP

Above is the screen saver status of the unit and you can press any button to enter menu interface.

IP Addr – shows the current IP address of the unit.

Net – shows the Network address of the port’s settings. The Default is 0.

Sub– shows the Subnet address of the port’s settings. The Default is 0.

Port– means DMX ports 1-8.

Univ– shows the Universe 0-7 of DMX512.

Dir– shows the DMX ports status. “O” means Output. “I” means input.

“X” means Disable.

6.2 Main menu

1. Network

(1)Enter menu interface.

(2)Press **UP/DOWN** button to select “Network” option and then press **ENTER** button to enter.

(3)Press **ENTER** button to change 2XX/ 10XX/ CUSTOM mode. The value of IP Address, Subnet Mask and Gateway may change with IP mode.

* 2XX and 10XX Modes are suitable for MA consoles.

* CUSTOM is a custom mode. Press **UP/DOWN** button to select IP Address/Subnet Mask/ Gateway option and press **ENTER** to enter. Press **UP/DOWN** button to set the value and press **ENTER** to confirm.

The following are the default contents of the 3 IP modes. The contents are subject to the actual. 2XX mode is the default mode.

▶ Network	01/05	▶ Network	01/05	▶ Network	01/05
IP Mode	2XX	IP Mode	10XX	IP Mode	CUSTOM
IP Address	002 052 146 053	IP Address	010 052 146 053	IP Address	192 168 001 007
Subnet Mask	255 000 000 000	Subnet Mask	255 000 000 000	Subnet Mask	255 255 255 000
Gateway	002 052 146 053	Gateway	010 052 146 053	Gateway	192 168 001 001
Back		Back		Back	

2.Ports

(1)Enter main menu interface.

(2)Press **UP/DOWN** button to select “Ports” option and then press **ENTER** button to enter.

(3)Press **UP/DOWN** button to select “Net Addr/ Subnet Addr/ Port 1/Port 2... /Port 8”.

▶ Outlet	01/11
Net Addr	0
SubNet Addr	0
Port 1	▶
Port 2	▶
Port 3	▶
Port 4	▶
Port 5	▶
Port 6	▶
Port 7	▶
Port 8	▶
Back	

* Set Net Addr

A. Press **UP/DOWN** button to select “Net Addr” option and then press **ENTER** button to enter.

B. Press **UP/DOWN** button to set the value 000-127 and then press **ENTER** button to confirm. (The Default is 0)

* Set SubNet Addr

A. Press **UP/DOWN** button to select “SubNet Addr” option and then press **ENTER** button to enter.

B. Press **UP/DOWN** button to set the value 000-015 and then press **ENTER** button to confirm. (The Default is 0)

* Set Port 1-8

For example,

▶ Port 1	03/03
Universe	0
Direction	OUT
Back	

A. Press **UP/DOWN** button to select “Port 1/Port 2.../Port 8” option and then press **ENTER** button to enter. Press **UP/DOWN** button to select “Universe/Direction/Back” option and then press **ENTER** to confirm.

B. Press **UP/DOWN** button to select “Universe” option and then press **ENTER** to enter. Press **UP/DOWN** button to set the value 000-015. Press **ENTER** to confirm. (Port 1 to ArtNet Universe 0..... Port 8 to ArtNet Universe 7 are the Default)

C. Press **UP/DOWN** button to select “Direction” option and then press **ENTER** to select “OUT/IN/Disable”. (The Default is OUT)