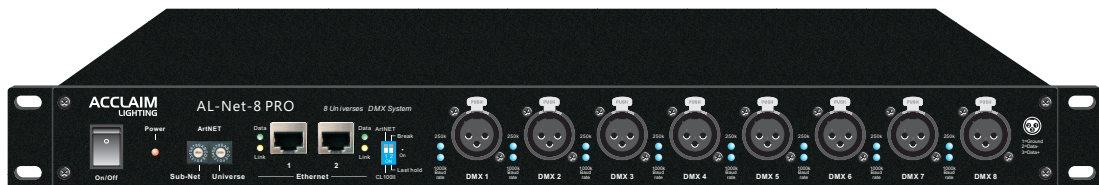# ACCLAIM
LIGHTING

AL-NET-8 PRO

USER'S INSTRUCTION

CE 24-004-3325-00 Rev 1.1

Table of Contents

Part I: About AL-NET-8 PRO

Part II: About the software

Part I
About AL-NET-8 PRO

●**INTRODUCTION:**

Thank you for your purchasing the our 8 Universes DMX System(AL-NET-8 PRO). please read these operating instructions carefully to familiarize yourself with the basic operation of this system. The AL-NET 8 PRO is simple to use, 8 Universes DMX System. All system components have been tested at the factory before shipping to you.

●**ITEMS INCLUDE**

1.AL-NET 8 PRO X1

2.User Instruction X1

●**CONTENTS INCLUDE IN THIS MANUAL**

Part I: About 8 Universal DMX System(AL-NET 8 PRO)

Part II: About the software

●**Main Features:**

● The newest Artnet, 8 Universal DMX System.

● Standard DMX-512

● With network control, supporting TCP/IP, Artnet and CL100II protocol(TO BE UPDATED).

● Each DMX channel can adapt to various frame refreshing frequency(within 30 frames/s)

● Each DMX channel can adapt to various data flow(2040 channels maximum)

● Set the control protocol between ArtNet and CL100II(TO BE UPDATED)

● Dual RJ45 port can be used for daisy chain wiring topology.

●**Main Technical Data:**

DMX Output:···DMX-512 protocol control

512 channels per connector,

total 8* 3-pin XLR DMX connector,

total 512 x 8 channels

Dimensions:··19"/1U(482 x 205 x 44 mm)

Weight:··1.5KG

Power Requirement:···AC100V-240V 50/60Hz

● **Controls & Functions:**

Front Panel View   -2-


```
1    2    3         4    5  7  6                        8
```
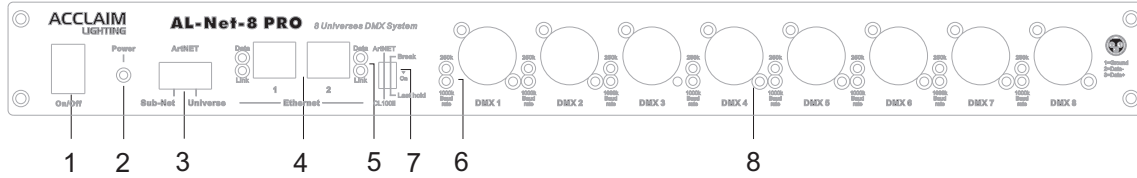
1.Power Switch: Turn ON or OFF this unit

2.**Power Indicator:**
   To indicate the work status of the unit.

3.ArtNet encoder:
   To activate and set SubNet and Universe of ArtNet. And use Universe encode to set the starting number
   of the existing node's Universe.

4.**Ethernet port:**
   With RJ 45 standard network port.

5.**Link/Data Indicator:**
   To indicate the status of network linking and signal/data linking.

6.**250K indicator:**
   To indicate the signal output of 8 Universe DMX uses standard DMX-512 protocol

7.**Work Mode Selector(SW1~2):**
   To select and activate the Control Protocol as you desire;

| SW1	Work Mode	SW2	Work Mode
ON	CL100II	ON	Last Hold
OFF	ArtNet	OFF	Shut down
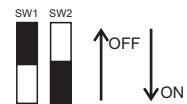
Special Note:

1.Under ArtNet protocol, you MUST firstly set your PC's IP address as "2.16.0.3", and Subnet mask addressing of "255.0.0.0"

2.Under CL100II(TO BE UPDATED) protocol, the AL-Net Configuration software from ACCLAIM LIGHTING will be available. You MUST firstly set your PC's IP address of "172.16.0.3", and Sub mask addressing of "255.255.255.0".

8.DMX Interface(1~8 DMX Universe):

To output DMX control signal

Back Panel View
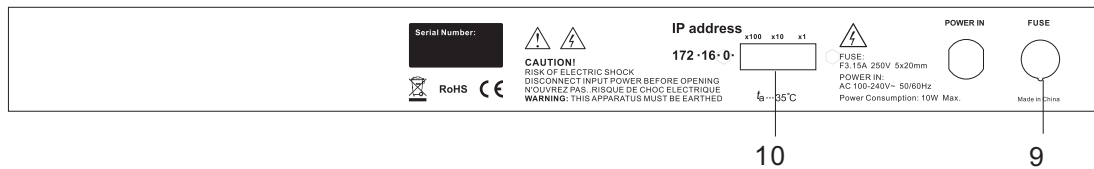
9.Fuse Holder:

To mount the fuse of F3.15A, 250V 5*20mm

10.IP Address Setting(SW1~3 Operation):

Before using the node, please set the existing AL-NET -8 PRO's IP addressing from 172.16.0.[0]~172.16.0.[255] by using SW1~SW3 as you desired. As per AL-NET-8 PRO, 172.16.0.0, 172.16.0.3, 172.16.0.255 are not available.

Set IP:
172 · 16 · 0 ·

SW1   SW2   SW3
x100   x10   x1

[0~255]=
A*100+B*10+C
A=0~2
B=0~9
C=0~9
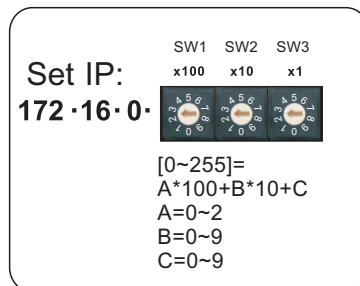
Special Notice:

1. When A*100+B*10+C exceeds 255, the IP address of the node will be set to 172.16.0.250 automatically.

2. Multi-AL-NET-8 PRO online-work available in a network with Art-Net working mode, their IP address

    parameters must be consecutively numbered.

3. Under ArNet protocol, one node will takes up two consecutive IP address.

Part II
About the software

●General information

This unit has one unique advantage, that is it is not fix to some specialized software, generally speaking, it can compatible the ArNet or CL100II control protocol, in another words of saying, user can write or buy any software that apply with the ArNet protocol then he will be able to control this unit under the ArNet protocol. In order to better serve our customer, we decide to upgrade the CL100II control protocol, it is being on progress, and will be launched very soon.