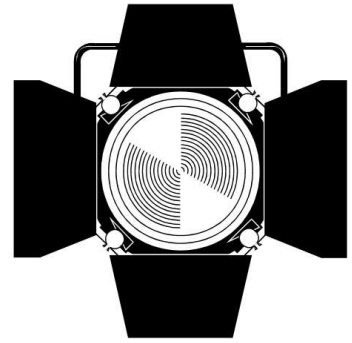


# **VIKING**

## **STAGE LIGHTING**



### TITAN A8 AND A16 ARTNET to DMX Controller



TITAN A8



TITAN A16



2 Versions are available: Titan A8 and Titan A16

The manual will describe the installation and mounting of the product as well as a description of how to use it. Please read this manual in its entirety before using the product.

## **SAFETY RECOMMENDATIONS AND WARNINGS**

Only use this device in dry environments (indoor use)

Do not make modifications or alter the product

Keep away from flammable material.

Do not use any silicone or other chemicals on outside surface.

Do not use chemicals or abrasives to clean the device as this may void the warranty.

Ensure installation complies with local electrical rules and regulations.

Ensure mains input power is surge protected

Do not connect or disconnect the device while the power is connected.

Connectors are to be kept clean and dry at all times.

Input Voltage range 100-240VAC

Power off the device during service or when not in use.

Twisted pair cable is recommended for data transmission

Avoid unwanted voltage on the DMX cables at all times.

Do not remove any parts from the unit including the plug ground pin or connect to an ungrounded circuit.

Do not connect the unit to LEDs that are switched on.

To supply this unit with power, first connect the provided power cord to the unit and then to a suitable power outlet.

## **Product Overview**

The Titan A8 or A16 Controller converts Art-Net data from Ethernet network to DMX512.

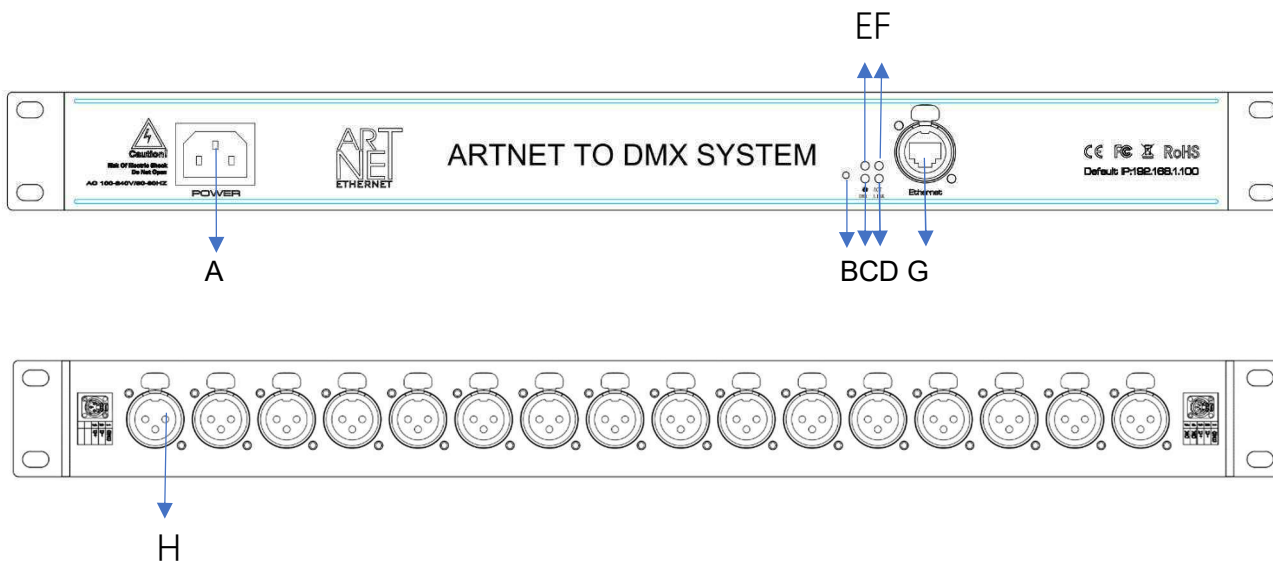
It has 8 Universes (Titan A8) and 16 Universes (TitanA16) available with perfect synchronization between each Universe.

The Artnet controller device is ready within seconds after start-up. An HTP Merge is automatically available for two Art-Net sources. If required, you can access and change specific device settings using the built-in web configuration tool.

## Product Specification

Models	TITAN A8	TITAN A16
<b>Electrical</b>		
Input Voltage	100-240VAC 50/60Hz	100-240VAC 50/60Hz
Power Consumption	5W	5W
<b>Control</b>		
Network Protocols	Art-Net	Art-Net
DMX Outputs	8X512 DMX Channels	16X512 DMX Channels
Ethernet	RJ45	RJ45
Default IP	192.168.1.100	192.168.1.100
Default Subnet	255.255.255.0	255.255.255.0
<b>Physical</b>		
Housing Material	Metal	Metal
Finish Color	Black	Black
Connector	3pin/5pin xlr female	3pin/5pin xlr female
Dimensions(LXWxH) Body	440×136.6x44mm	440×136.6x44mm
Dimensions(LXWxH)Brackets	483×136.6x44mm(1U)	483×136.6x44mm(1U)
Weight		
<b>Environment</b>		
Operating Temperature	-10°C to +50°C	-10°C to +50°C
Storage Temperature	-20°C to +70°C	-20°C to +70°C
Humidity	0-80% non-condensing	0-80% non-condensing
IP Rating	Dry, Indoor IP20	Dry, Indoor IP20
<b>Certification and Safety</b>		
Certification	CE	CE
Warranty	2Years Limited Warranty from the Date of Manufacture Contact us if you need extended warranty	

# Connectivity



- A: Power Socket
- B: Reset Button
- C: Spare LED, no detection function so far
- D: Status LED for Ethernet Link
- E: Status LED for Power
- F: Status LED for Ethernet Activity
- G: RJ45 Ethernet Port
- H: XLR Ports: DMX1-DMX8/16

Titan A16 is used above as example. Titan A8 has similar layout and function.

## Description of Status LED:

### E: Status LED for Power

Status	Description
Powered Off	Power cable not connected. The device has no power
Permanently Green:	Connected to Power. Power is on.

### D: Status LED for Ethernet Link

Status	Description
Powered Off	Ethernet not connected
Permanently Red:	Connected to ethernet

### F: Status LED for Ethernet Activity

Status	Description
Power Off	No data received over ethernet
Permanently Green or Blinking Green	Communicating over Ethernet. Receiving data over ethernet

### 3-Pin And 5-Pin XLR Connector Layout



### Device Configuration Through A Web Browser

You can access all settings and information of Titan Artnet Controller by using the built-in web configuration tool.

Step 1) Connect Titan Artnet Controller and your computer to the same network.

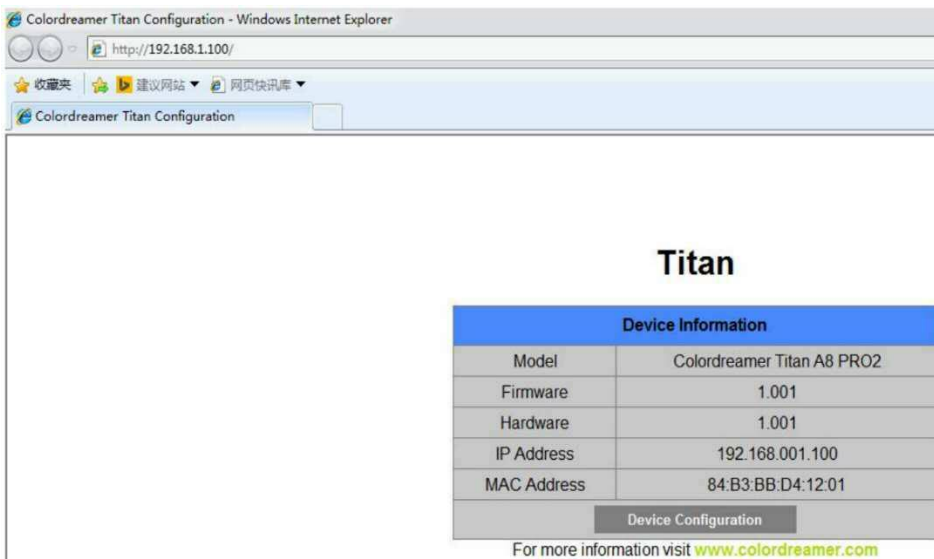
Artnet Controller Default IP 192.168.1.100

Step 2) Assign correct network settings for your computer in the operating system. (Recommended default settings:

IP address 192.168.1.XXX/ Subnet mask 255.255.255.0)

Step 3) Open your web browser and enter the IP address of Artnet Controller 192.168.1.100

Step 4) The web configuration tool will be launched.



**Titan**

Device Information	
Model	Colordreamer Titan A8 PRO2
Firmware	1.001
Hardware	1.001
IP Address	192.168.001.100
MAC Address	84:B3:BB:D4:12:01

Device Configuration

For more information visit [www.colordreamer.com](http://www.colordreamer.com)

Step 5) You can change IP address and save this

# Titan

Device Settings			
<b>General Network Settings</b>			
IP Address	192	168	1 . 100
Subnet Mask	255	255	255 . 0
<b>Network Input Settings</b>			
Network Protocol	Art_Net Protocol		
Net	Sub Net	Send Always Full Frames (512 Ch.)	
0	0	<input type="checkbox"/>	
Configuration Reset		Save	Return Exit

For more information visit <http://www.colordreamer.com/>

Step 6) After saving all setting, reboot the system to apply the new setting. after reboot, this window will be closed automatically.

# Titan

<b>Your settings have been saved, reboot the system to apply the new settings.</b>
<b>Reboot</b>

For more information visit [www.colordreamer.com](http://www.colordreamer.com)

## Reset to Factory Default Settings

- Step 1) Disconnect the device from power.
- Step 2) Use a suitable tool to press the reset button.
- Step 3) Continue to press the reset button and connect to power again.
- Step 4) Continue to press the reset button and wait until all status LEDs of the device flash repeatedly or wait 5 seconds.