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## ★ Declaration

This product has passed the final check for both functionalities and package when delivered from the factory. All users should observe the instructions and pay attentions to the warnings covered by this manual. Unreasonable damages resulting from unintended operations or not heeding instructions covered by this manual will void the warranty. Specifications in this manual intend for reference only, the fixture delivered takes the priority. Any future modification pertaining to content of this manual, there will be no particular notifications. FINE ART reserves all copyrights. To obtain the latest information about software update, hardware and other files, please visit FINE ART website.

# 1. Safety Information

The following symbols are used to identify important safety information on the product and in this manual:

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					$t_a \dots \text{°C}$
<b>DANGER!</b> Hazardous voltage. Risk of severe or lethal electric shock.	<b>DANGER!</b> Safety hazard. Risk of severe injury or death.	<b>DANGER!</b> Refer to manual before installing, powering or servicing.	<b>Warning!</b> Fire hazard.	For indoor use only	Rated maximum ambient temperature

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## Safety:



1. Read this Manual before mounting and energizing the console.
2. Follow safety guidelines and observe the warnings on this manual and the console.
3. This product is intended for indoor use only, protective rating: IP20.
4. Maximum working ambient temperature shall not exceed 40°C, if the temperature exceeds the limit, shut down the console immediately.



$t_a = 40^\circ\text{C}$

5. Do not block or barrier the vents in the base housing, otherwise failure may present due to overheat.
6. Keep the device off from water or other liquids.
7. Avoid using powerful communication devices in close proximity to the controller.
8. Keep the device dry and avoid usage at the presence of damp, overheat and heavy smoke environment.
9. Use power cables with safety marks.



10. If any power cable or plug is damaged, replace it by qualified personnel.
11. Do not place any hard object on the power cable, or it may ruin the cable sheath.



12. The console has been provided with plugs intended to match specific sockets. If the sockets used do not match with all plugs, replace these sockets by electricians. Do not ignore the safety function of the grounding pin of these plugs.
13. Disconnect the power plug before cleaning the console. Liquid cleaning agents or detergents should not be used by spraying but with a cloth.



14. Disconnect the mains supply before transporting the console.

15. Do not replace with any parts not provided by the factory.



16. Pull off the power plugs in case of thundering or not in use for a long time.

17. All servicing should be left to qualified personnel. In cases such as power plug damages, liquids invasion, or drenched in damp air, the console may fall and electric shock may present.

18. For those plug gable equipments: the socket should installed near them and easily touched.

19. Any safety concerns not covered hereby, contact the distributor or service hot-line.

#### Touch Screen

Do not operate the touch screen with metal or other sharp objects to avoid damaging the screen. During transportation, be careful and don't let hard objects touch the screen.

## 2. Product Introduction

### 2.1 Dimension

TEKMAND NODE 4P

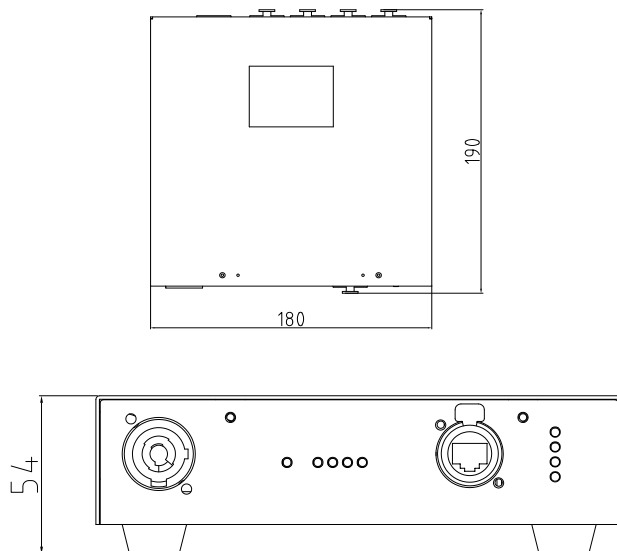


Fig 2.1-1

TEKMAND NODE 8P

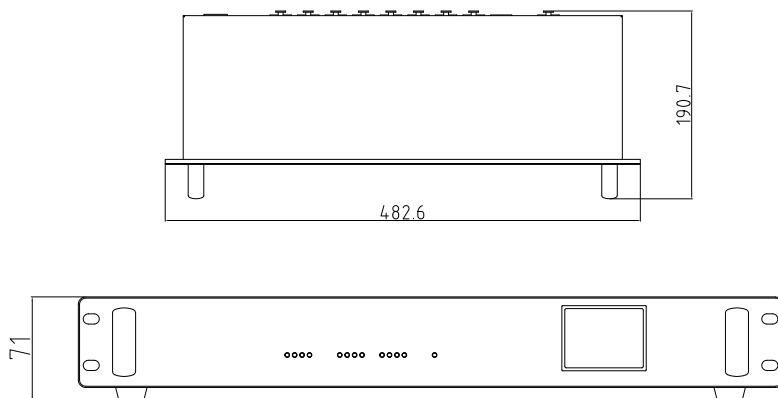


Fig 2.1-2

# 2.2 Panel introduction

TEKMAND NODE 4P

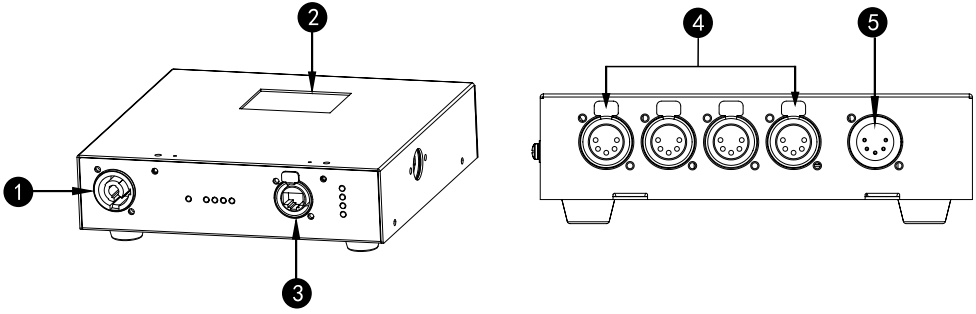


Fig 2.2-1

TEKMAND NODE 8P

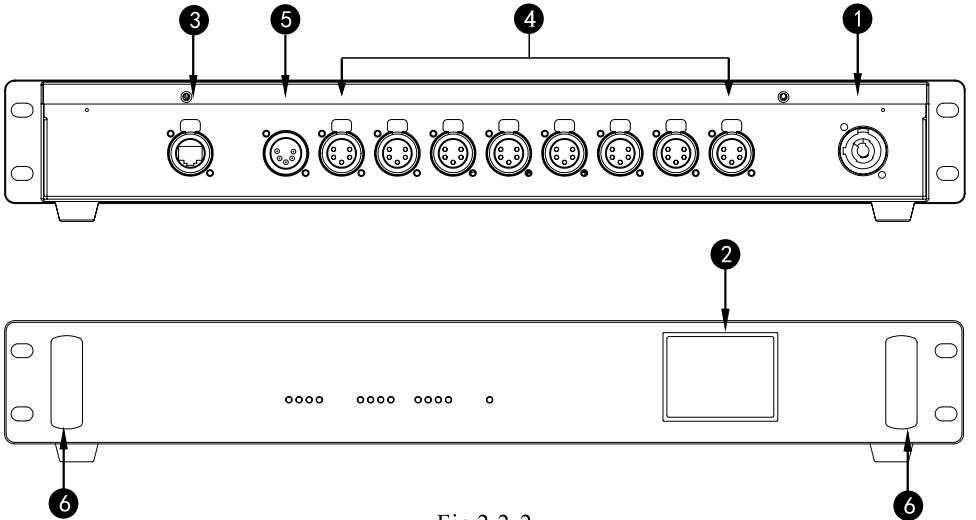


Fig 2.2-2

- 1 Power in
- 2 Screen
- 3 Network port
- 4 DMX out
- 5 DMX in
- 6 Handle

### 3.Package & Delivery

#### TEKMAND NODE 4P

1pc/carton, includes items as below:  
1pc decoder  
1pc User Manual  
1pc Warranty card  
1pc network cable  
1pc Power cord

#### TEKMAND NODE 8P

2pc/flight case, includes items as below:  
1pcs decoder  
1pcs User Manual  
1pcs Warranty card  
1pcs network cable  
1pcs Power cord

### 4.Technical Feature

#### TEKMAND NODE 4P

Details:

1 Ethernet interface (10/100/1000M)

Comes with 5 DMX512 input / output interfaces (software custom)

Built in a 2.6-inch color touch screen

LED shows DMX working status

Support network power supply (POE/802.3at)

Support multiple network protocols: ArtNet, sACN

Support ArtNet remote upgrade software / remote configuration port

Support web device status

Support DMX frame rate (package rate) setting

Temperature: -20°C~40°C

Power supply : 100-240V~ 0.06A 50/60Hz

Power: 3.0W

Working location :

- 1.Can be installed with the clamp
- 2.Any safe location installation

Fixture Dimension: 190x180x54mm

Package Dimension: 221x340x81mm

Packing: 1pc/carton

Net weight: 1.5KG

Packing weight: 0.2KG

## TEKMAND NODE 8P

### Details:

1 Ethernet interface (10/100/1000M)

Comes with 9 DMX512 input / output interfaces (software custom)

Built in a 2.6-inch color touch screen

LED shows DMX working status

Support network power supply (POE/802.3at)

Support multiple network protocols: ArtNet, sACN

Support ArtNet remote upgrade software / remote configuration port

Support web device status

Support DMX frame rate (package rate) setting

Temperature: -20°C~40°C

Power supply: 100-240V~ 0.85A 50/60Hz

Power: 4.2W

### Working location:

1.Can be installed with the clamp

2. Any safe location installation

Fixture Dimension: 482.6x190.7x71mm

Package Dimension: 529x395x240mm

Packing: 2pc/flight case

Net weight: 2.8KG

Packing weight: 12KG

# 5. Equipment connection

## 5.1 Power Connection

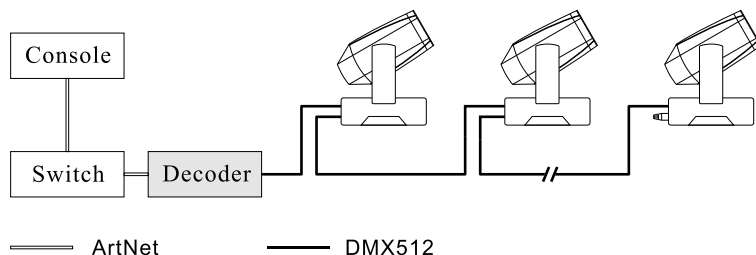
### TEKMAND NODE 4P/8P

1. Connect the power cable interface of the decoder to the power cable.
2. The other end of the power cord is connected to 100V-240V~, 50/60Hz power supply.
3. Turn on the power to start the decoder and put it into use.

## 5.2 Network Connection

### TEKMAND NODE 4P/8P

1. Connect one end of the network cable to the network port of the decoder.
2. The other end of the network cable is connected to the switch of the console at the same time, so that the decoder is in the network and can be used to replace the network signal with the DMX signal.



### Note:

1. If the input of the decoder is not connected to the network port, but is connected to the DMX signal input port, this decoder can be used as a signal amplifier.
2. If the switch used is compliant with the IEEE802.3at protocol. The decoder power interface can be disconnected from the power supply, and the switch can supply power to the decoder through the network cable.