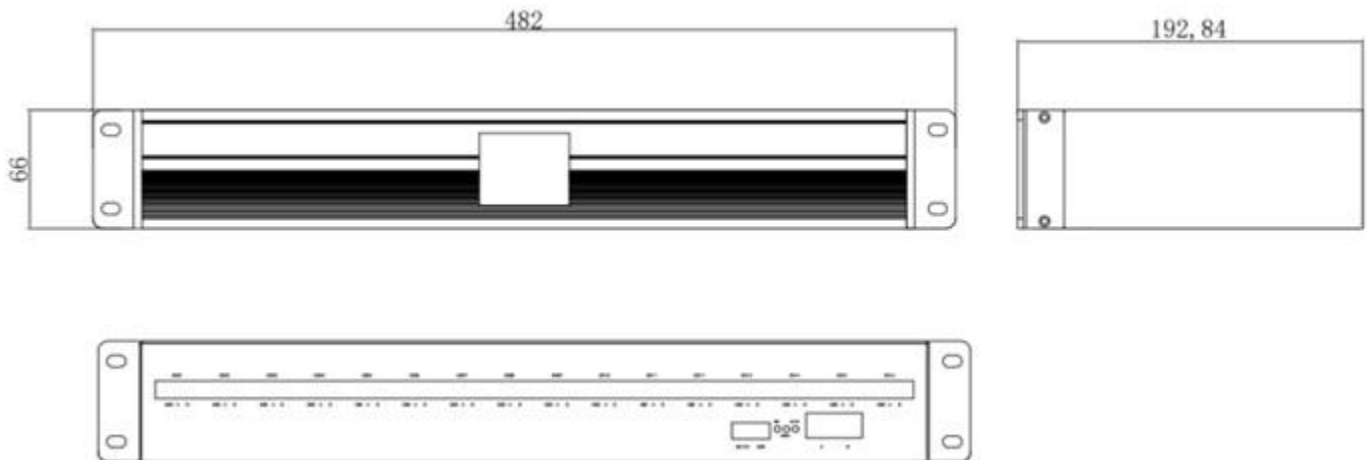# ZXP390 Sub-controller 16 Port

ZXP390 Sub-controller is a new innovative and intelligent compact DMX512 control equipment that is based on TCP/IP communication protocol, it receives the data from the main or stand-alone controllers and transmits it to DMX512 luminaires in the network using USITTDMX512/1990 general protocol. The sub-controller structure is based on an industrial grade ARM and ultra-large-scale programmable logic circuits. It's useful for complex fields applications environments as the signal transmission parameters can be adjusted and debugged.

Key Features

- Two versions DMX512 and DMX512/RDM

- Supports online firmware upgrade

- Supports Art-Net

- Supports both daisy chain and series connection modes

- Brightness control for easy white balance adjustment

- 16 output ports, each port can control one DMX universe

- Two network ports for cascaded connection between controllers or for main/backup operation

- Supports automatic luminaires addressing

- Signal port adopts an enhanced anti-surge and static design

Rev. 20190425

Product Data

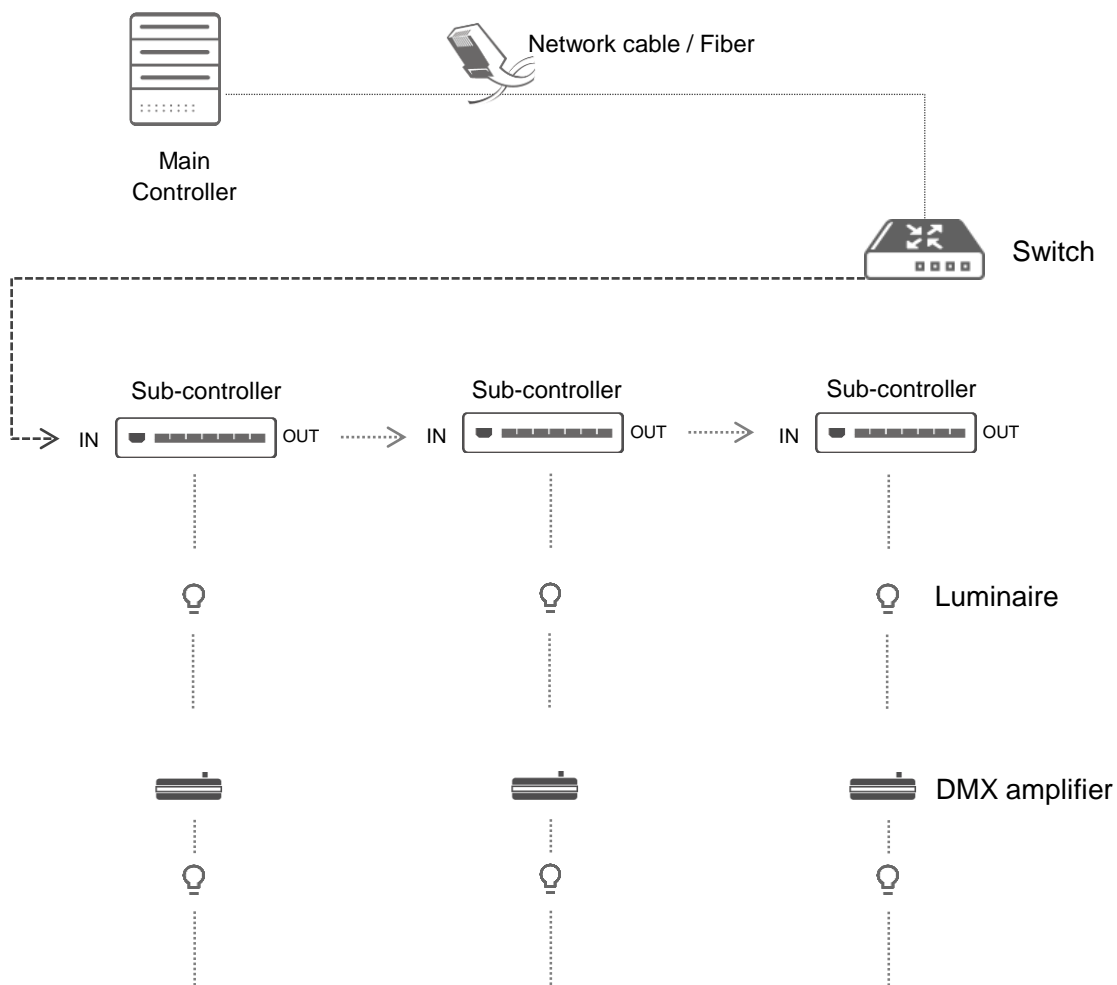| Product Family	ZXP390 Sub-Controller 16 Port	
Dimensions (L x W x H)	482 x 192 x 66 mm	
Housing	Aluminum	
Color	Black	
Input Voltage	12V DC	
IEC Classification	Class III	
Communication protocols	TCP/IP Art-Net	
Control Versions	DMX512	DMX512/RDM
Network port	2xRJ45 network communications ports	
Output Ports	16 signal output ports	
Output ports type	3 pole terminal (lockable)	
Power Consumption	15W	
Max Cable length	100m	
Net Weight	3.5 Kg	
Temperature Range	-30°C to 50°C	
Humidity Range	10 to 90% (no condensation)	
Protection Rating	IP20	
Certifications	CE, CB, CQC (all in progress)	
Warranty	3 Years	

Order Information:

Description
ZXP390 sub-controller 12V 16 port DMX
ZXP390 sub-controller 12V 16 port DMX/RDM

(1) Inrush current is the maximum value @ cold start 230Vac/50Hz measured at 50% Ipeak

Network Topology:

Network cable / Fiber

Main
Controller

Switch

Sub-controller
IN ▭ ▭▭▭▭▭▭ OUT

Sub-controller
IN ▭ ▭▭▭▭▭▭ OUT

Sub-controller
IN ▭ ▭▭▭▭▭▭ OUT

Luminaire

DMX amplifier

Rev. 20190425

LiteMagic

Network Topology:

Main
Controller

Network cable / Fiber

Switch

Sub-controller
IN ▭ OUT

Sub-controller
IN ▭ OUT

Sub-controller
IN ▭ OUT

Sub-controller
IN ▭ OUT

Luminaire

DMX amplifier

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