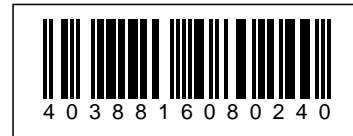# SYNERGY 21

Synergy 21 LED subordinate controller 1-channel host *Milight/Miboxer*

Discover the **1-Channel Host Controller**, the ideal solution for controlling your LED lighting systems. This powerful controller ensures precise and reliable lighting control in a wide range of applications.

The **1-Channel Host Controller** operates with an **input voltage of DC24V** and provides an **output voltage of DC24V**, making it a versatile and compatible device for various LED lighting applications. With a maximum **output current of 15A** and an **output power of up to 360W**, this controller offers enough power to effectively control even larger LED installations.

With a **control range of up to 30 metres**, the **1-channel host controller** enables flexible and convenient operation of your lighting systems, even from a distance. This makes it particularly useful for large-scale lighting projects in commercial or industrial environments.

The **1-channel host controller** is not only powerful, but also energy-efficient. Thanks to its robust design and high-quality components, it ensures a long service life and reliable performance, even under demanding conditions. Optimise your lighting systems with the **1-Channel Host Controller** and experience the perfect combination of performance, efficiency and user-friendliness.

Product Name: 1-Channel Host Controller
Model No.: SYS-T1
Input Voltage: DC24V
Working Temperature: -20~60°C
Output Voltage: DC24V
Output Current: Max 15A
Output Power: Max 360W
Controlling Distance: 30m

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SYNERGY 21

Attributes

Attribute	Value
Ampere:	15
CC oder CV:	CV
Dimmbar:	Ja
Grösse:	115*48*27
Lichtfarbe:	RGB-WW
Lichtfarbe in Kelvin:	2700~6500
Volt:	24
Weight:	0.06 Kg
Warranty:	24.00 Months

Additional Images

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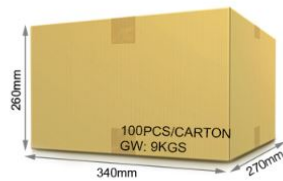
Multiple functions
16 million colors change; Color temperature, brightness and saturation adjustable randomly

Control never like this convenient
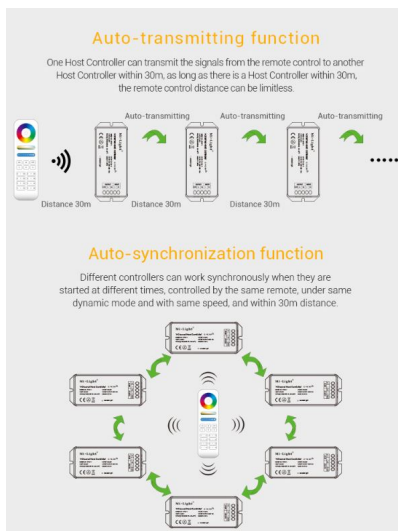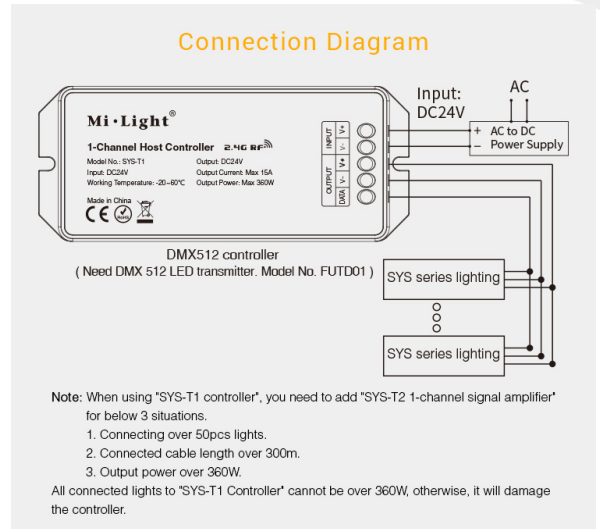2.4GHz remote control, cell phone APP control, enjoy the convenient life bring by technology.
(*Need WiFi iBox for smartphone App control)

Compatible with

FUT089   FUT088   FUT092   B8   B4/T4   B0

Auto-transmitting function
One Host Controller can transmit the signals from the remote control to another Host Controller within 30m, as long as there is a Host Controller within 30m, the remote control distance can be limitless.

Auto-transmitting   Auto-transmitting   Auto-transmitting

Distance 30m   Distance 30m   Distance 30m

Auto-synchronization function
Different controllers can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed, and within 30m distance.

Support Amazon Alexa Voice and DMX512 Control
Support DMX512 Control(Need Mi-Light DMX512 transmitter),
Support Amazon Alexa Voice Control(Need Mi-Light WiFi Remote)

Working status showed clearly
When the host controller is working, the indicating lamp blink;
When the host controller is not working, the indicating lamp lighting always

Connecting Terminal
① Power supply connecting terminal
② Light connecting terminal

PC housing
Adopt high quality PC housing, solid and durable

Connection Diagram

Input: DC24V   AC

AC to DC Power Supply

DMX512 controller
(Need DMX 512 LED transmitter. Model No. FUTD01)

SYS series lighting

SYS series lighting

Note: When using "SYS-T1 controller", you need to add "SYS-T2 1-channel signal amplifier" for below 3 situations.
1. Connecting over 50pcs lights.
2. Connected cable length over 300m.
3. Output power over 360W.
All connected lights to "SYS-T1 Controller" cannot be over 360W, otherwise, it will damage the controller.

COMPATIBLE REMOTE SHEET
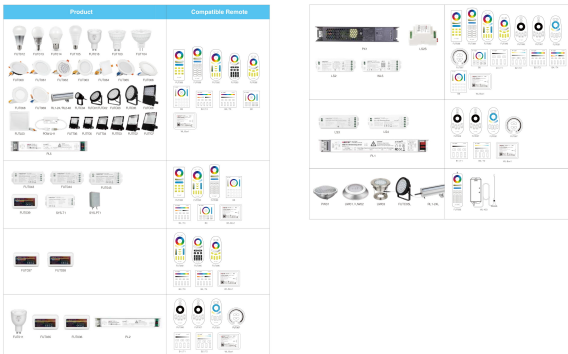
Accessories

Part No.	Name
147981	Synergy 21 LED remote RGB-WW (RGB-CCT) 8 zones *Milight/Miboxer*
148005	Synergy 21 LED remote smart panel RGB-WW (RGB-CCT) 4 zones *Milight/Miboxer*
148006	Synergy 21 LED remote smart panel RGB-WW (RGB-CCT) 8 zones *Milight/Miboxer*
149164	Synergy 21 LED remote Smart Panel RGB-WW (RGB-CCT) *Milight/Miboxer*
149663	Synergy 21 LED remote RGB-WW (RGB-CCT) 1 zones *Milight/Miboxer*
154781	Synergy 21 LED remote smart panel RGB-WW (RGB-CCT) 4 zones *Milight/Miboxer*

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Part No.	Name
158699	Synergy 21 LED subordinate garden lamp 15W RGB+CCT with RF and WLAN IP65 24V Milight/Miboxer*
158700	Synergy 21 LED subordinate garden lampe 9W RGB+CCT with RF and WLAN IP65 24V *Milight/Miboxer*
158702	Synergy 21 LED subordinate pool light 12W RGB+CCT with RF and WLAN *Milight/Miboxer*
158703	Synergy 21 LED subordinate wall washer 24W RGB+CCT IP66 24V *Milight/Miboxer*
158704	Synergy 21 LED subordinate controller 1-channel amplifier *Milight/Miboxer*
158705	Synergy 21 LED subordinate controller 1-channel host *Milight/Miboxer*
158962	Synergy 21 LED subordinate kabel/plug SYS series *Milight/Miboxer*
158963	Synergy 21 LED subordinate kabel/plug SYS series *Milight/Miboxer*
158964	Synergy 21 LED subordinate kabel/plug SYS series *Milight/Miboxer*
158965	Synergy 21 LED subordinate kabel/plug SYS series *Milight/Miboxer*

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