MiBOXER® | **Mi·Light**
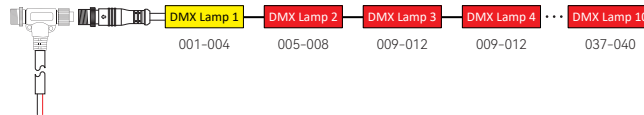**Subordinate New Brand**

1. Features

● Compatible and extend DMX512 (1990) signal protocol
● High accurate decoding, Decode DMX512 signal (200K-750Kbps) easily
● Parallel control, support 1024 channel
● Auto editing and setting up light address quickly
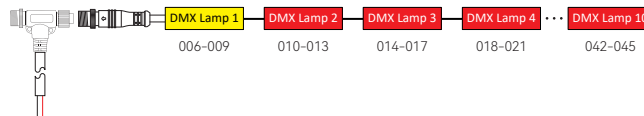● RGBW Mode, 256 dimming level

2. Editing address automatically

1. Connect all lights and power on, the rest lights after original light can get address automatically
2. Original light is yellow color and the rest lights are red color once address had been done

Following connected DMX512 lights are RGBW type, each light need 4 address

1. Eg: Original light address is 001-004

	DMX Lamp 1	DMX Lamp 2	DMX Lamp 3	DMX Lamp 4	···	DMX Lamp 10
	001–004	005–008	009–012	009–012		037–040

2. Eg: Original light address is 006-009

	DMX Lamp 1	DMX Lamp 2	DMX Lamp 3	DMX Lamp 4	···	DMX Lamp 10
	006–009	010–013	014–017	018–021		042–045

(Initial address is 001) address will be set up once the light is power on

T Connection Cable Diagram

(D+) Green
(D-) Blue
(GND) Black

DMX512
Console

M12 Connection Cable
Model No.: AM-DM-12FN5C

Max connected lights (review sheet)

DMX512 Lamp ・・・ DMX512 Lamp

T Connection Cable
(Input: DC12V)
Model No.: AM-DM-12DT5B

(V+) Red   (V-) Black
Power input

Quantity of lights for 1 T connection cable

Light Type	Number
3W Spotlight	25
3W Underground Light	
5W Underground Light	15
9W Underground Light	12
9W Underwater Light	
24W Wall Washer Light	6

Max connected lights (review sheet)

DMX512 Lamp ・・・ DMX512 Lamp

M12 Isolated Power Cable Diagram

DMX512
Console

M12 Connection Cable
Model No.: AM-DM-12FN5C

T Connection Cable
(Input: DC12V)
Model No.: AM-DM-12DT5B

(V+) Red   (V-) Black
Power input

12V Lamp   12V Lamp

M12 Isolated Power Cable
Model No.: AM-DM-12DN5D

24V Lamp ・・・ 24V Lamp

T Connection Cable
(Input: DC24V)

Attention: it can connect DC24V and
DC12 light together if use isolated
power cable

Original Address Editor Diagram

(D+) Green
(D-) Blue
(GND) Black

The address will be set up automatically once power is on, original light is green color, the rest lights are red color.

DMX512 Console

M12 Connection Cable
Model No.: AM-DM-12FN5C

Original Address Editor
Model No.: FIR-DMX-XL

DMX512 Lamp • • • DMX512 Lamp

T Connection Cable
Model No.: AM-DM-12DT5B

(V+) Red   (V-) Black
Power input
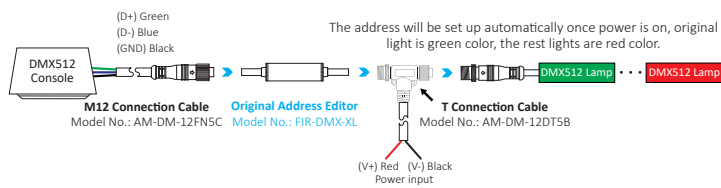
DMX Signal Amplifier Diagram

Need to connect with amplifier if quantity of lights are over 128pcs or connection cable length is over 300m

DMX512 Console

M12 Connection Cable
Model No.: AM-DM-12FN5C

DMX512 Lamp • • • DMX512 Lamp

T Connection Cable
Model No.: AM-DM-12DT5B

(V+) Red   (V-) Black
Power input

DMX512 Lamp • • • DMX512 Lamp

DMX Signal Amplifier
Model No.: AMP-DMX-XL
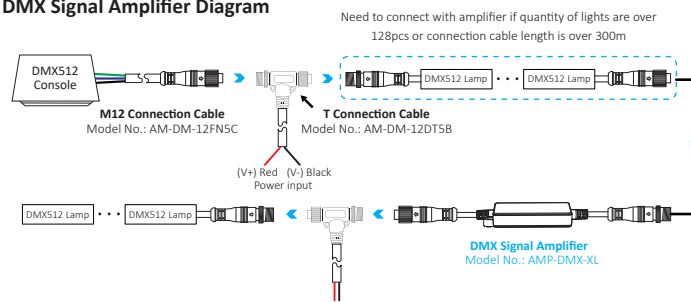
3. Attention

1. Please check whether the voltage of the power supply is in accordance with the Amplifier, otherwise the device will be broken.
2. Non-professional user cannot dismantle the device directly, otherwise the device will be broken.
3. Original address editor must work with DMX512 console, user need to connect T connection cable with power supply once many lights need to be wired.

Scan QR code or review following link to check more details
https://miboxer.com/light/video/dmx_2.html

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