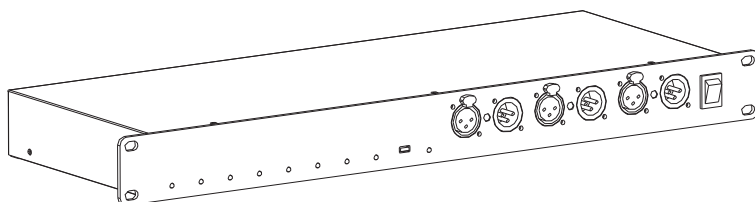


# DMX 512 MERGER SERIES



□ **8MG3BU DMX MERGER**

**VERSION: 1.0 2020.03.05**

## **User Manual**

This product manual contains important information about the safe installation and use of this product. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

# **8MG3BU DMX MERGER User Manual**

This DMX Merger can choose HTP Mode or BACKUP Mode to connect main console and 2 backup consoles. All the inputs and outputs are completely isolated by the latest electrical isolation technology. Each DMX output has super driving ability. Each input and output has LED indicator.

## **1. Technical Parameter**

Power input .....	AC88~256V /50~60HZ
Fuse(internal) .....	T2A
Dimension .....	482X173X46MM
Weight .....	1.75 KG

## **2.Safety rules**

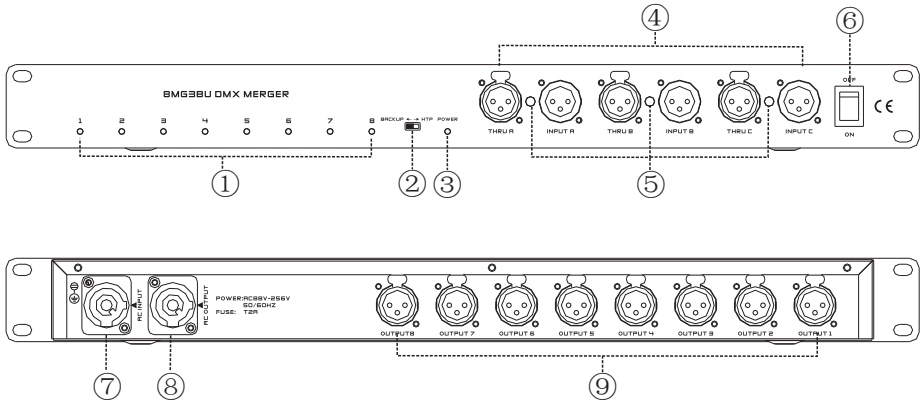
Before operating, please read the User Manual completely. That would be necessary and helpful for you to use the unit more availably and effectively. The following rules give important information regarding safety during use and maintenance:

- \* Keep the unit dry, do not expose it to water or high levels of humid.
- \* Don't try to dismantle or modify the product without any authorized permission.
- \* Keep the unit away from magnetic fields when operating.
- \* Do not make any inflammable liquids or metal objects enter the unit.
- \* Handle this product with great care, any strong shocks or vibration may result in malfunction.
- \* This unit must only be operated by adults, do not allow children to tamper or play with it.
- \* Should any liquid be spilled on the unit, disconnect the power supply to the product immediately.

## **3.Contents in the package**

* DMX MERGER	1PC
* AC Adaptor	1PC
* User Manual	1PC

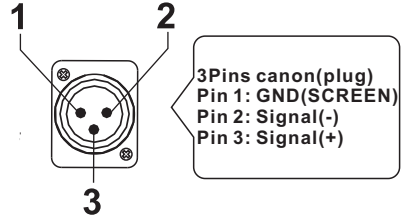
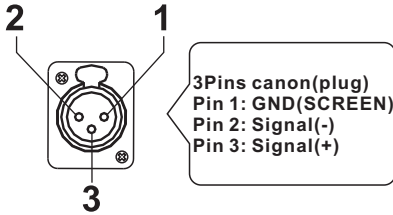
## 4. Control Panel Instruction



- ① **LED INDICATORS OF DMX OUTPUTS:** used to show the working status of DMX OUTPUT 1-8. It stays on when there is DMX signal input, and off when there is no DMX signal input.
- ② **DIP SWITCH:** when the DIP switch is set to the BACKUP position, the DMX Merger is in the BACKUP mode. When the DIP switch is set to the HTP position, the DMX Merger is in the HTP mode.  
**Notes:**
  - \* **BACKUP MODE:** when input A DMX- signal fail, input B DMX-signal take over immediately. When both input A & B DMX- signal fail, input C DMX-signal take over immediately.
  - \* **HTP MODE:** the highest value of 3 identical channels from 3 DMX-signals will have priority.
- ③ **LED INDICATORS OF POWER:** used to indicate the power status. Yellow LED stays on when the DMX MERGER is turned on.
- ④ **DMX INPUTS:** divided into A port, B port and C port for DMX signal input.
- ⑤ **LED INDICATORS OF DMX INPUTS:** used to show the working status of all the DMX inputs. It stays on when there is DMX signal input, and off when there is no DMX signal input.
- ⑥ **POWER SWITCH:** used to turn on/off the DMX MERGER.
- ⑦ **AC INPUT:** used to input the power AC88~256V 50/60Hz.
- ⑧ **AC OUTPUT:** used to output the power AC88~256V 50/60Hz.
- ⑨ **DMX OUTPUTS:** used to connect the DMX lightings.

## 5. The pinout appears below:

Pin 1: GND(SCREEN)    Pin 2: Signal(-)    Pin 3: Signal(+)



## 6. Connection diagram:

