# LSC
## LIGHT STREAM CONTROLS

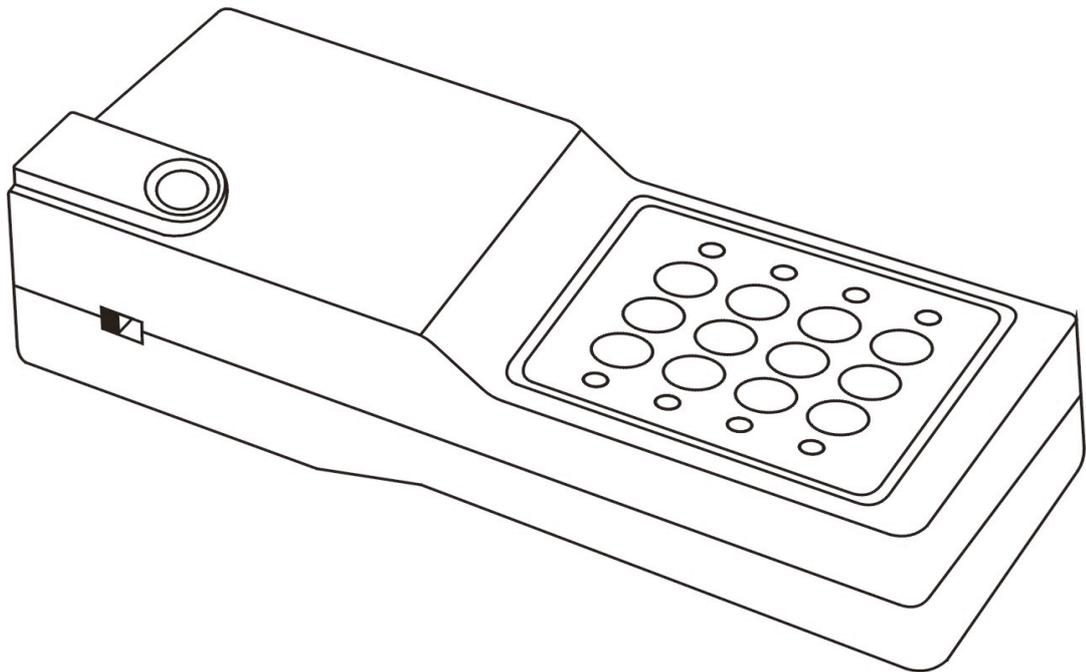# BP16DMX

# USER INSTRUCTIONS

# 1. INTRODUCTION

**BP-16**, as a compact DMX controller, can be used to control the switching state of DMX channels. It can control the 16 continual channels, with the default of starting channel 1. And it allows the free setting of the starting address for controlling the DMX channels.

# 2. UNPACKING

**Thank you** for your purchase of this convenient BP-16.  This unit has been thoroughly tested and carefully packed. For some unexpected reasons, check it carefully to be sure that your product is not damaged and all accessories are not missing. If your product happens to be damaged or missing, please do not use it. Contact the local dealer or distributor without hesitation. And keep this manual for future reference.

# 3. WARNINGS

- Reduce the risk of electric shock or fire when using this unit.
- Do not immense in or expose to water.
- Turn off immediately in the event of malfunction.
- Do not dismantle or modify the unit.

# 4. SPECIFICATION

- **Model Number :**          BP-16
- **Power Input :**          DC + 6V   150 mA ( optional )
- **Battery :**           4 x 1.5 AA ( included )
- **DMX   OUT :**         3 pin female XLR connector
- **Dimensions :**          160mm x 68mm x 40mm
- **Weight :**           0.2 kg

**design, may be made at any time without prior notice.**

## 5.   PANEL VIEW

- **Numerical Keys** ( 0 ~ 9 )**:**

  Used to set the starting address of DMX channels.

- **Page Keys** ( A ~ D )**:**

  Used to select 4 continual DMX channels of each Page. There are a total of 4 Pages,   including Page A, Page B, Page C and Page D.

- **FLASH Keys:**

  There are 4 FLASH keys, each of which enable/disable the flash function by holding down or releasing it. The flash function can bring the relative channel to full intensity.

- **LATCH Keys:**

  There are 4 LATCH keys, which can be used to switch on /off the relative 4 continual DMX channels of each page.

- **Enter Key:**

  Used to access the state of setting the starting address of DMX channels.

- **Yes Key:**

  Used to confirm to the starting address of DMX channels, which you have   set.

- **Power Input:**

  DC +6v

- **Power Switch:**

  Used to connect/disconnect power supply by pushing it down/up.

- **Back Cover:**

  Use battery for power supply.

## 6.   OPERATION GUIDE

- When switching on the power supply, all the LEDs will blink in a brief time. Then the LED of page A is only lit up, with others going out.

- The default starting address for controlling the DMX channels is channel 1. To change the starting address, hold Enter key about 5 seconds, indicated by all the LEDs going out. Then choose the numerical key/keys to set the desired starting address. You can control the 16 continual DMX channels from the beginning of the starting address. This channel

No. should not over 512. Or the overflowing channels will not be preceded.

Press Yes key to confirm the previous setting and then turn back automatically.

**NOTE:** Previous state may be changed automatically according to the new setting. For example: Supposed that the starting address is channel 1 and the 1 ~ 4 continual DMX channels have been only switch on. After confirming the new setting, supposed the starting address is set to be channel 3. In this case, 1 ~ 2 channels will be switched off automatically and 3 ~ 6 channels will be switched on.

- Set the states of 16 DMX channels

You can press Character key ( A ~ D ) to select the desired continual channels of each page. For example: When the default starting address is channel 1, pressing page A will allow to set 1 ~ 4 continual channels.

**NOTE:** The selected channel must range from the starting address to the 16th following continual DMX channel.

In this case, press LATCH keys to switch on /off the relative 4 continual DMX channels of the proceeding page.

For example: Pressing the LATCH key in the first line of front panel can switch the channel 1 on, while pressing it again can switch the channel 1 off.

You may also control these channels by FLASH keys. Holding the FLASH keys can switch on the relative channels at once, while releasing the FLASH key can switch off the channels.