VISAGE
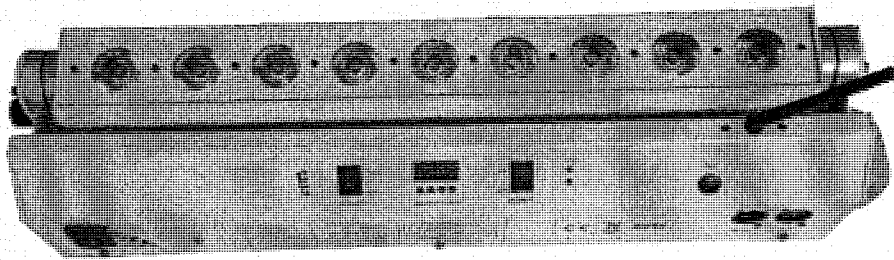
LED Battery Baton with 9 x 6in1

INSTRUCTION MANUAL

The Product

This is a DMX intelligent, battery powered LED Baton. The unit is fitted with nine 6in1 12watt LED pixels. The unit can be controlled via DMX or has built in control. The unit is designed for indoor use only, the use of this product outdoors will void all warranty on the item.

Please read the manual before operation to ensure you obtain the best performance from the product.

Introduction

Thank you for purchasing this product. The item has been tested prior to shipping and should reach you in perfect condition. Please check that there has been no external damage to the packaging. If you find any damage then please carefully check the product before operation. If you find damage to the product or any items missing please report this to the company you purchased the item immediately.

IMPORTANT

This product is fitted with a re-chargeable battery and the following guidelines should be followed in order to prolong its life.

Charging

The re-chargeable battery in this product may contain a small charge when it leaves the factory. However, before first use the battery should be fully charged in accordance with the operating instructions. Failure to do so will seriously affect the performance of the battery.

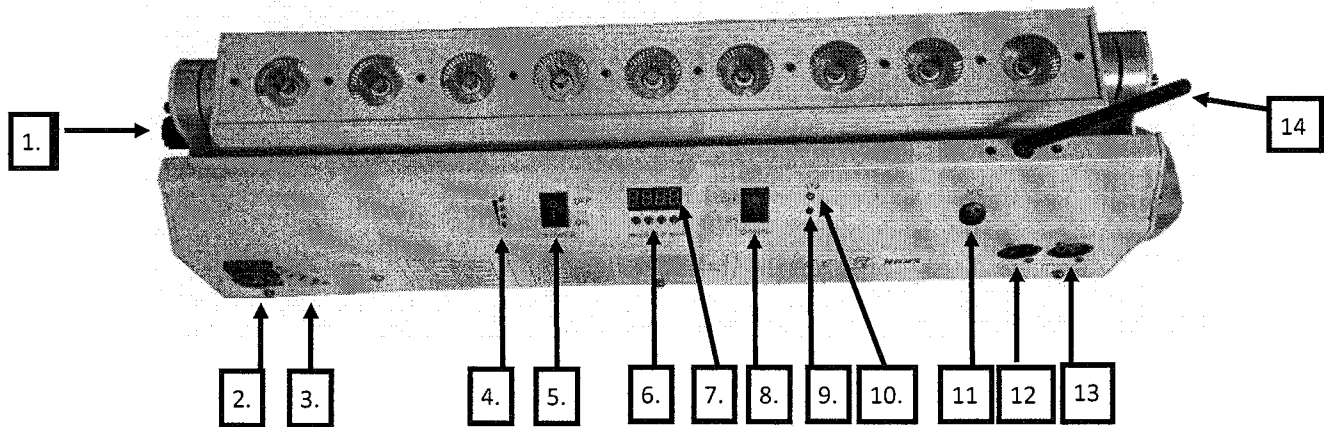NOTE: THE UNIT MUST NOT BE SWITCHED ON WHILST CHARGING IS IN PROGRESS.

Use

Wherever possible, units should be allowed to fully discharged before re-charging.

Storage

It is extremely important that units are not stored with fully discharged

batteries—THIS WILL SERIOUSLY IMPARE FUTURE PERFORMANCE AND MAY EVEN PREVENT FURTHER CHARGING. Before storage, units should be fully charged and the mains charging cable should be removed. If units are to be stored for a significant time, they should be switched on periodically, allowed to discharge and then re-charged. This will ensure optimum battery performance. Units should preferably be stored in cool, dry conditions but certainly not below freezing or above 50° C

THE PRODUCT

1. Locking screw to secure baton.

2. Mains 240volt power In

3. Mains 240volt power Out

4. Battery Power indicator 25%-100%

5. Mains power switch ON/OFF

6. Operation Touch Buttons (Menu, Down, Up, Enter)

7. Alpha numerical Display Panel

8. Wireless DMX switch ON/OFF

9. DMX code setting button for DMX Signal to Transmitter

10. DMX present Signal LED

11. Built in Microphone for Sound to Light activation

12. DMX Cabled Inlet (3 pin XLR)

13. DMX Cabled Outlet (3 pin XLR)

14. DMX Aerial for receiving and transmitting DMX

OPERATION MODES

The unit is designed to operate in 5 different modes:-

1.   Sound Activation– the unit will change colours to the beat of the music

2.   Static Display– the unit will display the selected colour

3.   Automatic Mode– the unit can be selected to colour change/colour scroll

4.   DMX Mode– the unit can be selected to operate on any DMX controller

5.   Battery powered mode– enabling the unit to operate free of cables

OPERATION

Ensure the product has been fully charged before operation this normally takes approximately 6-8 hours. When charging the unit ensure the Power switch (5) and Wireless DMX switch (8) are switched OFF.

The unit must now be set for the required mode of operation

The Operational Touch Buttons (6) and Alpha numerical display (7) will enable and show you the selected mode as follows:-

There are four red push switches for the Operational Touch Buttons labelled as follows:-

Menu– enables the user to select from the various modes as shown in the table below

Down– enables the user to increase the setting from the Menu option.

Up– enables the user to decrease the setting from the Menu option.

Enter– This button is used to confirm your selection.

NOTE: You must confirm a selection, if you fail to confirm (ie pressing the ENTER button then when the unit is switched off it will reset to the last stored information.

Alpha Numerical Display (7)

Below is a chart showing the different displays and the operations available.

1	A000	A001-A512	10 channel DMX Mode & slave operation
2	d000	d001-d512	6 channel DMX Mode
3	CC00	CC00-CC99	Switching Colours variable speed from 0-99
4	EE00	EE00-EE99	Colour Dimming between colours variable speed from 0-99
5	FF00	FF00-FF99	Colour Fading between colours variable speed from 0-99
6	dEdF		Sound Activate Mode
7	r000	r001-r255	Red LED Pixel only, dimming from 0-255
8	G000	G001-G255	Green LED Pixel only, dimming from 0-255
9	b000	B001-b255	Blue LED Pixel only, dimming from 0-255
10	o000	o001-o255	White LED Pixel only, dimming from 0-255
11	Y000	Y001-Y255	Amber LED Pixel only, dimming from 0-255
12	P000	P001-P255	Ultra Violet Pixel only, dimming from 0-255

MANUAL OPERATION

This is the simplest way to operate the item and below are examples

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To select a single colour:- Using the Menu button press until you obtain r (if red is required) once you have **r** showing on the display then use the Down and Up buttons to increase the intensity of red from **0-99** (99 being 100% brightness).

Note: to just have Red you will need to ensure that the other five colours (green, blue, white, amber and UV are all at 000 on the display) This can be achieved by simply selecting the required colour and using the Up and Down buttons to zero the values. Do not forget to press Enter when you have the required effect and the unit will then store the information.

If you require a colour such as magenta then this would be a mix of both red (ie **r099**) and blue, simply select blue on the Menu and using the up/ Down buttons add approximately 30% (ie the display will read **b030**) you will then create a magenta. By simply mixing the colours you can create a massive array of colours.

To select a Colour Fade:- this will allow colours to fade into one another always maintaining at least 30% light output. Using the menu button press until you select **EE** , once you have **EE** on the display then use the Down and Up buttons to select the speed of your fade from 0 to 99. Once you have the required effect press **ENTER** to confirm the selection.

To select a Colour switching:- this will allow the colours to snap change. Using the menu button press until you select **CC** , once you have **CC** on the display then use the Down and Up buttons to select the speed of your fade from 0 to 99. Once you have the required effect press **ENTER** to confirm the selection.

To select a Colour Dimming:- this will dim up and down each colour from 0-100%. Using the menu button press until you select **FF** , once you have **FF** on the display then use the Down and Up buttons to select the speed of your fade from 0 to 99. Once you have the required effect press **ENTER** to confirm the selection.

To select Sound Animation:- this will activate colour changing to the beat of the music. Using the menu button press until you select **dEdF**, on this selection the Down and Up keys are disabled. Once you have the required effect press **ENTER** to confirm the selection.

DMX OPERATION

The unit can be operated in two forms of DMX 6 channel or 10 channel.

To select 6 channel DMX;- Using the Menu button press until you have **d000** in the display, once you have **d** then use the Up and down buttons to select the DMX channel you wish to set the baton to operate. The start number will be **d001**, note that **d000** is the switch off mode for 6 channel DMX mode.

NOTE: Ensure DMX 10 channel (**A** on the display) is set to **A000** for the above to operate

To select 10 channel DMX;- Using the Menu button press until you have **A000** in the display, once you have **A** then use the Up and down buttons to select the DMX channel you wish to set the baton to operate. The start number will be **A001**, note that **A000** is the switch off mode for 10 channel DMX mode. The unit operates between 1-512 channels.

NOTE: Ensure the DMX 6 channel (**d** on the display) is set to **d000** for the above to operate

PLEASE REFER TO DMX TABLES FOR CHANNEL ASSIGNMENT

WIRED and WIRELESS DMX

The Baton is fitted with both wired and wireless DMX, if you wish to wire each unit then a standard 3Pin XLR inlet (12) and XLR outlet (13) are available for easy connection. Ensure you use good quality screened DMX cables for connection.

WIRELESS DMX

The unit is fitted with a wireless transmitter and receiver which can simply be switched on by the Wireless DMX Switch (8).

When using the wireless mode you must ensure that all the units are set to the same frequency, this can be selected on the Wireless DMX Code button (9) and viewed from the DMX present signal LED (10). The unit is fitted with a total of 7 frequencies on which it can operate these are shown by the DMX present signal LED (10) changing colour when a frequency is selected from code button (9).

Frequencies are shown in the following colours on the DMX present Signal LED (10):-

1– Red	5– Pink
2– Green	6– Cyan
3– Yellow	7– White
4– Blue	

DMX 6 CHANNEL MODE

	VALUE	DESCRIPTION
Channel 1	1—255	RED Dimmer
Channel 2	1—255	GREEN Dimmer
Channel 3	1—255	BLUE Dimmer
Channel 4	1—255	AMBER Dimmer
Channel 5	1– 255	WHITE Dimmer
Channel 6	1 –255	ULTRA VIOLET Dimmer

DMX 10 CHANNEL MODE

	VALUE	DESCRIPTION
Channel 1	0	NO Action
	1—255	RGBAW+UV DIMMER
Channel 2	0-4	NO ACTION
	1—255	STROBE from slow to fast
Channel 3	0-50	COLOUR SWITCHING
	51-100	COLOUR DIMMING
	101-150	COLOUR FADING
	151-255	SOUND ACTIVATE
Channel 4	1-255	SPEED CONTROL
Channel 5	1-255	RED Dimmer
Channel 6	1-255	GREEN Dimmer
Channel 7	1-255	BLUE Dimmer
Channel 8	1-255	WHITE Dimmer
Channel 9	1-255	AMBER Dimmer
Channel 10	1-255	ULTRA VIOLET Dimmer

MASTER/SLAVE MODE

To help ease installation when a client does not wish to use an external DMX controller the batons can be operated in a master/slave mode. This is controlled by using the DMX 10 channel display (**A000**).

Firstly use the unit you intend as a master to select the required program, Sound/Light, Colour Fade, Colour switch etc as you would in the *manual mode.* Once you have selected this on the "master" unit, then set all the "slave" units by selecting **A001.**

Ensure you then switch on the Wireless DMX switch (8) and all the units will synchronise with the master unit.

TECHNICAL SPECIFICATION

Power: AC110v-250v   Frequency: 50-60Hz

Power Consumption: 160watts   Battery Capacity:23000MAH Lithium Battery

Battery Charge Time: 6-8 Hours   Battery Operating Time: 12-15 hours

Light Source: 9pcs 12watt High Brightness 6in1 LED's

Lamp Life: 6,000-10,000 hours   LED Angle: 30 (+/- 5) degree

PWM Frequency: 900Hz, HD Video flicker free

Colour: 16.7 million   Lux: 12000@14metre

Control Channels 6/10 DMX   Control Mode: Standalone or DMX

Operation menu: 4 digit digital LED display.

Packaging size: 600mm x 180mm x 200mm

Net Weight: 5.5Kg

Gross Weight: 6.5Kg

If you require any further information or help with this product please contact your dealer for further information, or contact:

Batmink Distribution

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