LED SCANNER 100
User Manual

CE

1. INTRODUCTION

Thank you for selecting this product. Equipped with a 100W white LED engine, this scanner is compact, light weight but powerful. It offers DMX, Auto, Sound, Master/Slave. Ideal for small clubs, bars, parties, etc. To optimize the performance of this product, please read the user manual carefully before use.

1.1 Unpacking
The following items are included in the box:

- 1 x SCANNER 100
- 1 x Power Cord
- 1 x User Manual

Carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Contact your supplier immediately and retain packing material for inspection if any part is missing or damaged.

1.2 Safety Instructions

> ⚠ Warning!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- The product is for indoor use only.
- Always turn off, unplug power and allow fixture to cool before servicing.
- Ensure that fixture is properly grounded.
- Please keep this User Guide for future consultation.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- Always disconnect from power before servicing or replacing fuse.
- Make sure power cord is never crimped or damaged.
- Avaid looking directly into the LED light beam at a close distance!

1.3 Features

- LED Scanner
- 1 color wheel: 8 colors + white, rainbow
- 1 Gobo wheel: 7 gobos + open, rotating & shaking
- 1 3-facet prism
- Motorized focus

4. Specifications

Source: 1 x 100W white LED
Beam angle: 18°
Power consumption: 130W Max.
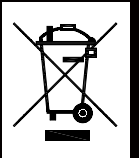Power supply: 100~240V, 50-60Hz
Fuse: F2A / 250V
Dimensions: 251x 142 x 378 mm
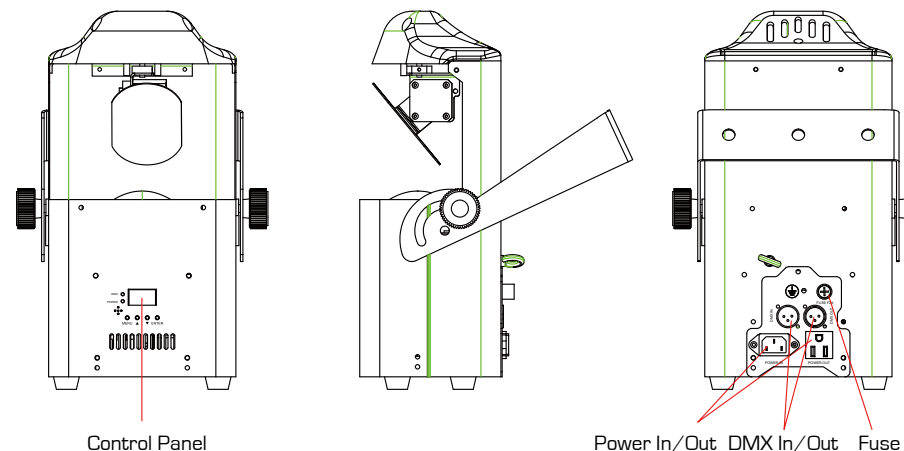Weight: 5.5 kg

IMPORTANT INFORMATION!
In order to optimize the recovery and recycling of the materials that old appliances contain and reduce the impact on human health and the environment, ensure that this product is recycled at the end of its life.

	10	000-009	Stop
		010-129	Forward Gobo2 Rotation from fast to slow
		130-134	Stop
		135-255	Backward Gobo2 Rotation from slow to fast
6	11	000-255	Focus
	12	000-007	Open(White)
		008-255	Prism
7	13 LED Macro	000-010	Empty
		011-020	Auto Play 1
		021-040	Auto Play 2
		041-050	Auto Play 3
		051-070	Auto Play 4
		071-080	Auto Play 5
		081-100	Auto Play 6
		101-110	Auto Play 7
		111-130	Auto Play 8
		131-150	Auto Play 9
		151-160	Auto Play 10
		161-170	Auto Play 11
		171-180	Auto Play 12
		181-255	Play to sound
8	14 XY Macro	000-020	No Function
		021-030	X/Y auto run 1
		031-040	X/Y auto run 2
		041-050	X/Y auto run 3
		051-060	X/Y auto run 4
		061-070	X/Y auto run 5
		071-080	X/Y auto run 6
		081-090	X/Y auto run 7
		091-230	X/Y to Sound Control
		231-240	RESET(10S)
		241-255	No Function

- 4 working modes: DMX, Auto, Sound, Master/Slave
- DMX modes: 8/14 channels
- Pan : 160° Tilt: 50°
- 0-100% linear dimmer
- 1-25 fps strobe
- 4-button OLED display

1.4 Product overview

Control Panel   Power In/Out DMX In/Out   Fuse

2. SETUP

2.1 Mounting

The Scanner is fully operational in any mounting position, hanging upside-down, side mounted, or set on a flat llevel surface, etc.

IMPORTANT!!! Safety cables must always be used when unit is celling or truss mounted. The safety cable must be capable of holding 10 times the weight of the fixture.
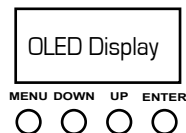
2.3 AC Power

The fixture is designed to work on AC 90-240V 50-60Hz. All units must be powered directly from a switched circuit. This unit cannot be run on a rheostat or dimmer circuit even if used solely for a 0% to 100% switching.

WARNING!!! All fixtures must be connected to circuits with a suitable Earth Ground.
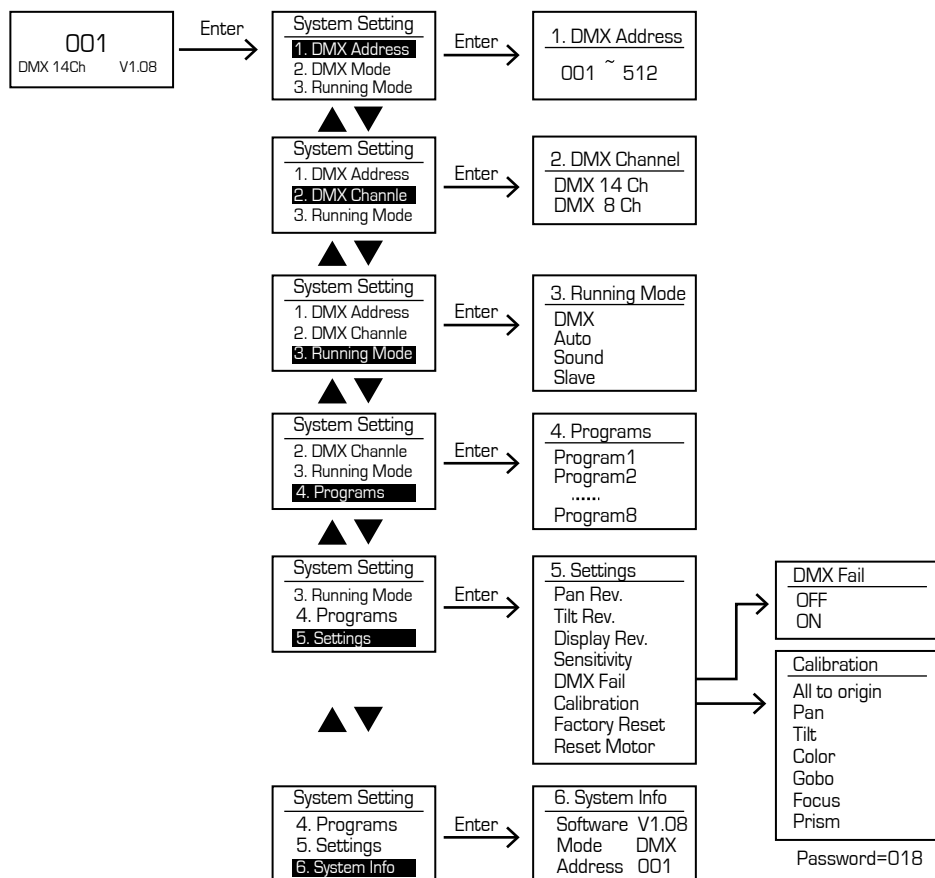
3.1 Control Panel

OLED Display		
MENU	Scroll through main menu or exit from current sub-menu
UP	Scroll through menu or increase the value
DOWN	Scroll through menu or decrease the value
ENTER	Enter selected menu or confirm the value

MENU DOWN UP ENTER

3.2 Menu Map

001
DMX 14Ch   V1.08

Enter →

System Setting
1. DMX Address
2. DMX Mode
3. Running Mode

Enter → 1. DMX Address
001 ~ 512

System Setting
1. DMX Address
2. DMX Channle
3. Running Mode

Enter → 2. DMX Channel
DMX 14 Ch
DMX 8 Ch

System Setting
1. DMX Address
2. DMX Channle
3. Running Mode

Enter → 3. Running Mode
DMX
Auto
Sound
Slave

System Setting
2. DMX Channle
3. Running Mode
4. Programs

Enter → 4. Programs
Program1
Program2
......
Program8

System Setting
3. Running Mode
4. Programs
5. Settings

Enter → 5. Settings
Pan Rev.
Tilt Rev.
Display Rev.
Sensitivity
DMX Fail
Calibration
Factory Reset
Reset Motor

→ DMX Fail
OFF
ON

→ Calibration
All to origin
Pan
Tilt
Color
Gobo
Focus
Prism

Password=018

System Setting
4. Programs
5. Settings
6. System Info

Enter → 6. System Info
Software V1.08
Mode   DMX
Address   001

3.3 DMX Channels

8CH	14CH	DMX Value	Function
1	1	000-255	Pan
	2	000-255	Pan fine
2	3	000-255	Tilt
	4	000-255	Tilt fine
3	5	000-255	P/T Speed
4	6	000-255	Dimmer
5	7	000-004	Strobe open
		005-250	Strobe from slow to fast
		251-255	Strobe open
	8	000-004	Open(White)
		005-012	White/Color1
		013-020	Color1
		021-028	Color1/Color2
		029-036	Color2
		037-044	Color2/Color3
		045-052	Color3
		053-060	Color3/Color4
		061-068	Color4
		069-076	Color4/Color5
		077-084	Color5
		085-092	Color5/Color6
		093-100	Color6
		101-108	Color6/Color7
		109-116	Color7
		117-124	Color7/Color8
		125-132	Color8
		133-139	Open(White)
		140-195	Forward rainbow effect from fast to slow
		196-199	Rotation stop
		200-255	Backward rainbow effect from slow to fast
	9	000-007	Open(White)
		008-019	Gobo1
		020-031	Gobo2
		032-043	Gobo3
		044-055	Gobo4
		056-067	Gobo5
		068-071	Gobo6
		072-079	Gobo7
		080-088	Gobo1 Shake
		089-097	Gobo2 Shake
		098-106	Gobo3 Shake
		107-115	Gobo4 Shake
		116-124	Gobo5 Shake
		125-129	Gobo6 Shake
		130-133	Gobo7 Shake
		134-194	Forward rainbow effect from fast to slow
		195-255	Backward rainbow effect from slow to fast