

Acue® Lighting

PROFESSIONAL STAGE LIGHTING



PHANTOM FX

USER MANUAL

Please read over this manual before operation

1. SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to operator and others, follow these important safety instructions:

- Do not open fixture. Warranty will be void if opened or disassembled by anyone other than authorized Acue Lighting Technicians.
- Only connect to rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- Do not operate near open flames or flammable materials
- Fixture must be used in ambient temperatures: -15°C - 40°C, the highest temperature of the surface of the fixture should not increase 60 °C.
- Keep away from the liquids and humid environments.
- Before using the lights you must ensure safe placement and do not operate with charger connected.
- If hanging the fixture, make sure the clamp being used is secured to the structure and to the fixture securely.
- Fixture is not recommended to be operated consecutively for more than 10 hours at a time
- Fixture should be turned off and disconnected from charger if a fault of any kind is detected.
- Fixture and charger must be checked for physical damage before each use (water, dust, dent, crack, tear, or fraying in wire)

2. Product Specifications

Voltage: AC90-240v, 50-60Hz

Power consumption: 350W Max.

Light source: 19pcs 15w 4in1 LEDs

DMX Channel: 16/24CH

Control Mode: DMX512/Master-slave/Sound/Auto

Movement: Pan 540° Tilt 270°

Strobe/Shutter: 1-25 times/sec or random flash

Display: LCD display

3. LCD Display Setting

3.1 DMX Setting

This function is used to set the DMX address and channel modes, press "Enter" to get into setting window, press "UP" or "DOWN" to increase or reduce value, then press "Enter" again to save and exit. It has two optional channel modes: 16CH and 24CH.

3.2 Run Mode Setting

This function is used to set working mode. Press "Enter" to get into the setting window and press "UP" or "DOWN" to select the working modes as "DMX512", "Slow" and "Fast", "Sound" and "Manual", select one of them and pressing "Enter" to save and exit.

DMX512: Controller operation mode.

Slow: Slow-speed auto-run mode

Fast: Fast-speed auto-run mode

Sound: Sound activated auto-run mode

Manual: Manual mode (Slave)

3.3 PAN/Tilt Invert Setting

This function is for reversing the directly of Pan and Tilt, press "Enter" to get into the setting window, press "UP" or "DOWN" to choose from "YES" and "NO" to select the direction, press "Enter" to save and exit.

3.4 Display Setting

This function is to switch the backlight of LCD display panel, as well as invert words and switch English/Chinese language. Press "Enter" to enter into setting window. Press "UP" or "DOWN" to select. Choose "YES" to keep backlight always on, or it'll turn off automatically after 20 seconds without an operation. After that, press "Enter" to save and exit.

3.5 Manual Setting

This function is used to set parameters. It's only valid when run mode is set as Manual Mode. Then, press "Enter" to save and exit.

Manual Setting Menu	Function
PAN	Pan position
PANMICO	Pan fine
TILT	Tilt position
TILTMICO	Tilt fine
XY_SPEED	Pan & Tilt speed
ZOOM	Zoom
DIM	Master dimmer
STROBE	Strobe
DIM_R0	Group 1 red dimmer
DIM_G0	Group 1 green dimmer
DIM_B0	Group 1 blue dimmer
DIM_W0	Group 1 white dimmer
DIM_R1	Group 2 red dimmer
DIM_G1	Group 2 green dimmer
DIM_B1	Group 2 blue dimmer

DIM_W1	Group 2 white dimmer
DIM_R2	Group 3 red dimmer
DIM_R2	Group 3 green dimmer
DIM_B2	Group 3 blue dimmer
DIM_W2	Group 3 white dimmer
LIGHT_CH	Built-in light show
SHOW_SP	Light show speed
MACRO_CH	Macro control

3.6 Sound Scenes

This function is used to adjust the sensitivity of sound active mode. Press “Enter” to get into setting window; press “UP” and “DOWN” to adjust the sensitivity from 0 to 100. Then press “Enter” to save and exit.

3.7 System Setting

System information

The Version: V1

PAN Invert: Normal/Invert

TILT Invert: Normal/Invert

Default Settings: Restore factory setting

Code Setting: Password (DOWN DOWN UP UP)

The above password is required for checking and setting X/Y Fine and White Balance.

Setting Menu	Function
PAN_INIT	Pan fine
TILT_INIT	Tilt fine
SET_R	Red current
SET_G	Green current
SET_B	Blue current
SET_W	White current

3.8 Reset

Press “ENTER” to confirm the “RESET” function, the device will be reset after 3 seconds.

4. DMX Channel Modes

24 Channel Mode

24CH	Function	Value	Description
1	X	0-255	0~540°
2	X fine	0-255	16-bit Adjustment
3	Y	0-255	0~270°
4	Y fine	0-255	16-bit Adjustment
5	XY speed	0-255	Speed from fast to slow
6	Zoom	0-255	0-255 Adjust near to far
7	Master Dimmer	0-255	Linear dimmer from dark to bright
8	Strobe	0-3	None function
		4-95	Strobe speed from slow to fast (1~25hz)
		96-176	Random strobe
		177-255	Thunder strobe
9	R1 Dimmer	0-255	Group 1 red from dark to bright
10	G1 Dimmer	0-255	Group 1 green from dark to bright
11	B1 Dimmer	0-255	Group 1 blue from dark to bright
12	W1 Dimmer	0-255	Group 1 white from dark to bright
13	R2 Dimmer	0-255	Group 2 red from dark to bright
14	G2 Dimmer	0-255	Group 2 green from dark to bright
15	B2 Dimmer	0-255	Group 2 blue from dark to bright
16	W2 Dimmer	0-255	Group 2 white from dark to bright
17	R3 Dimmer	0-255	Group 3 red from dark to bright
18	G3 Dimmer	0-255	Group 3 green from dark to bright
19	B3 Dimmer	0-255	Group 3 blue from dark to bright
20	W3 Dimmer	0-255	Group 3 white from dark to bright
21	Effect display (Set CH23 as 50-99)	0-24	Built-in effect 1
		25-49	Built-in effect 2
		50-74	Built-in effect 3
		75-99	Built-in effect 4
		100-124	Built-in effect 5
		125-149	Built-in effect 6
		150-174	Built-in effect 7
		175-199	Built-in effect 8
		200-224	Built-in effect 9

		225-255	Built-in effect 10
22	Effect speed	0-255	From fast to slow
23	Macro function	0-49	None function
		50-99	Effect display (built-in effect of CH21)
		100-149	Auto run 1
		150-199	Auto run 2
		200-255	Sound control
24	Reset	0-250	None function
		251-255	Reset after 3s

16 Channel Mode

16CH	Function	Value	Description
1	X	0-255	0~540°
2	X fine	0-255	16- bit Adjustment
3	Y	0-255	0~270°
4	Y fine	0-255	16- bit Adjustment
5	XY speed	0-255	Speed from fast to slow
6	Master Dimmer	0-255	Linear dimming from dark to light
7	Strobe	0-3	None function
		4-95	Strobe speed from slow to fast (1~25hz)
		96-176	Random strobe
		177-255	Thunder strobe
8	R Dimmer	0-255	Red dimmer from dark to light.
9	G Dimmer	0-255	Green dimmer from dark to light.
10	B Dimmer	0-255	Blue dimmer from dark to light.
11	W Dimmer	0-255	White dimmer from dark to light.
12	Zoom	0-255	Linear zoom adjustment from near to far
13	Effect display (Set CH15 as 50-99)	0-24	Built-in effect 1
		25-49	Built-in effect 2
		50-74	Built-in effect 3
		75-99	Built-in effect 4
		100-124	Built-in effect 5
		125-149	Built-in effect 6
		150-174	Built-in effect 7
		175-199	Built-in effect 8
		200-224	Built-in effect 9
		225-255	Built-in effect 10

5. Maintenance

1. Acue Lighting offers direct technical support to customers.
2. If the machine has a problem and requires repair, please contact us and provide feedback as to what the problem is.
3. Make sure power input cable is not damaged prior to connecting to power source.

14	Effect speed	0-255	From fast to slow
15	Macro function	0-49	None function
		50-99	Effect display (built-in effect of 13CH)
		100-149	Auto run 1
		150-199	Auto run 2
		200-255	Sound control
16	Reset	0-250	None function
		251-255	Reset after 3s



Warranty Card

Name	Model	Production	Purchase
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End User:
Company Name:
Add:

Purchase Location
Salesperson:
Tel: Serial #

Please fill out and return warranty card with clear writing or else the warranty card will not be valid (warranty period and terms, see the following)

Warranty period: One year starting from purchase date

1. If product fails during regular use, you can contact us during the warranty period for warranty work and provide the warranty card and purchase.
2. The following will be the implementation of paid services:
 - (1) No effective warranty card
 - (2) There's blank, alter and no point-of-sale name
 - (3) Damage caused by misuse
 - (4) Damage caused by transportation or unloading
 - (5) Damage caused by disassembly without authorization
 - (6) Damage caused by using an unauthorized control system

Note:

Contents of this manual and product design are subject to change without notice. Acue Lighting retains the right to change specifications and design of product at its own discretion without prior notice. Thank you for your

understanding.

For more information please contact Acue Lighting Inc by email at Info@AcueLighting.com or call our service center at (818) 646-7526.