# User Manual

# LED Wink Beam 60

Read all cautions and warnings
prior to operation of this
equipment

## Protection Against Fire



Fire

1. Maintain a minimum of 1 50cm distance from any type of flame
2. Replace fuse only with the specified type and rating
3. Do not install the unit to close a heat source
4. Make sure cable are properly secured away from unit movement
5. Maximum surface operating temperature 80°

## Protection Against Electrical



Electrical

1. Disconnect power before servicing
2. The unit must be earthed (electronically grounded)

## Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical shock

**Specification**

Voltage Input: AC90-240V/50-60Hz

Power Consumption: 100Watts

Light Source: High power quad-LED RGBW 60W X1pc

Pan/Tilt Range: Infinite

Beam Angle: 3.5°

Power Connector: Seetronic UL approved

PowerCon In+Out

DMX Data Connector: 5Pin DMX In/Out

N.W: 4.45KGS

Dimension: 215(L)X215(W)X280(H)mm

**Rigging**

Mounting points: 1 of 1/4-turn locks
Mounting horizontally or vertically via 1 Omega brackets


**Temperatures**
Maximum ambient temperature: 45℃
Maximum housing temperature: 75℃


**Accessories including**

DMX data in/out: Locking 5-pin XLR
AC power input: 1.5m power cord with plug
Safety cable
Clamp
PowerCon out connector

**Features**

- ●Multi-Colors
- ●Color Strobe
- ●Infinite Pan/Tilt
- ●Electronic Dimming 0-100%
- ●Daisy Chain Units together in DMX Mode

- ● Master/Slave synchronization
- ● LCD operation menu
- ● Fast speed movement
- ● DMX-512 protocol
- ● Sound control

## Set Up:

**Power Supply:** Before plugging your unit in, be sure the source voltage in your area matches the required voltage to the fixture. The fixture is workable with 90-250V/50~60Hz. Please make sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

## Connection to the mains

For protection from electric shock, the fixture must be earthed!

Install a suitable plug on the power cord, note that the cores in the power cord are colored according to the following table. The earth has to be connected!

If you have any doubts about proper installation, consult a qualified electrician.

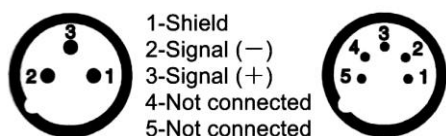| Core **(EU)** | Core (US) | Connection | Plug Terminal Marking |
|---|---|---|---|
| Brown | Black | Live | L |
| Light blue | White | Neutral | N |
| Yellow/Green | Green | Earth | ⏚ |

## DMX512 connection

The fixture is equipped with both 3-pin or 5-pin XLR sockets for DMX input and output. The sockets are wired in parallel.

Only use a shielded twisted-pair cable designed for RS-485 and 3-pin or 5-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.
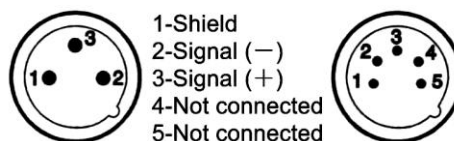
DMX-output
XLR mounting-sockets (rear view):

1-Shield
2-Signal (−)
3-Signal (+)
4-Not connected
5-Not connected

DMX-input
XLR mounting-plugs (rear view):

1-Shield
2-Signal (−)
3-Signal (+)
4-Not connected
5-Not connected

**DMX Linking**: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

### Operating Modes:

- Stand-alone – This function allows the unit works built-in program without console.
- Master/Slave – This function allows you set unit be Master/Slave.
- Sound control- This function allows you to control the fixture by sound.
- DMX 512 control - This function allows you to operate the unit via standard dmx 512 protocol
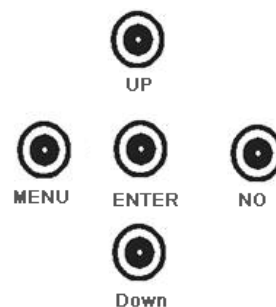
## Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.
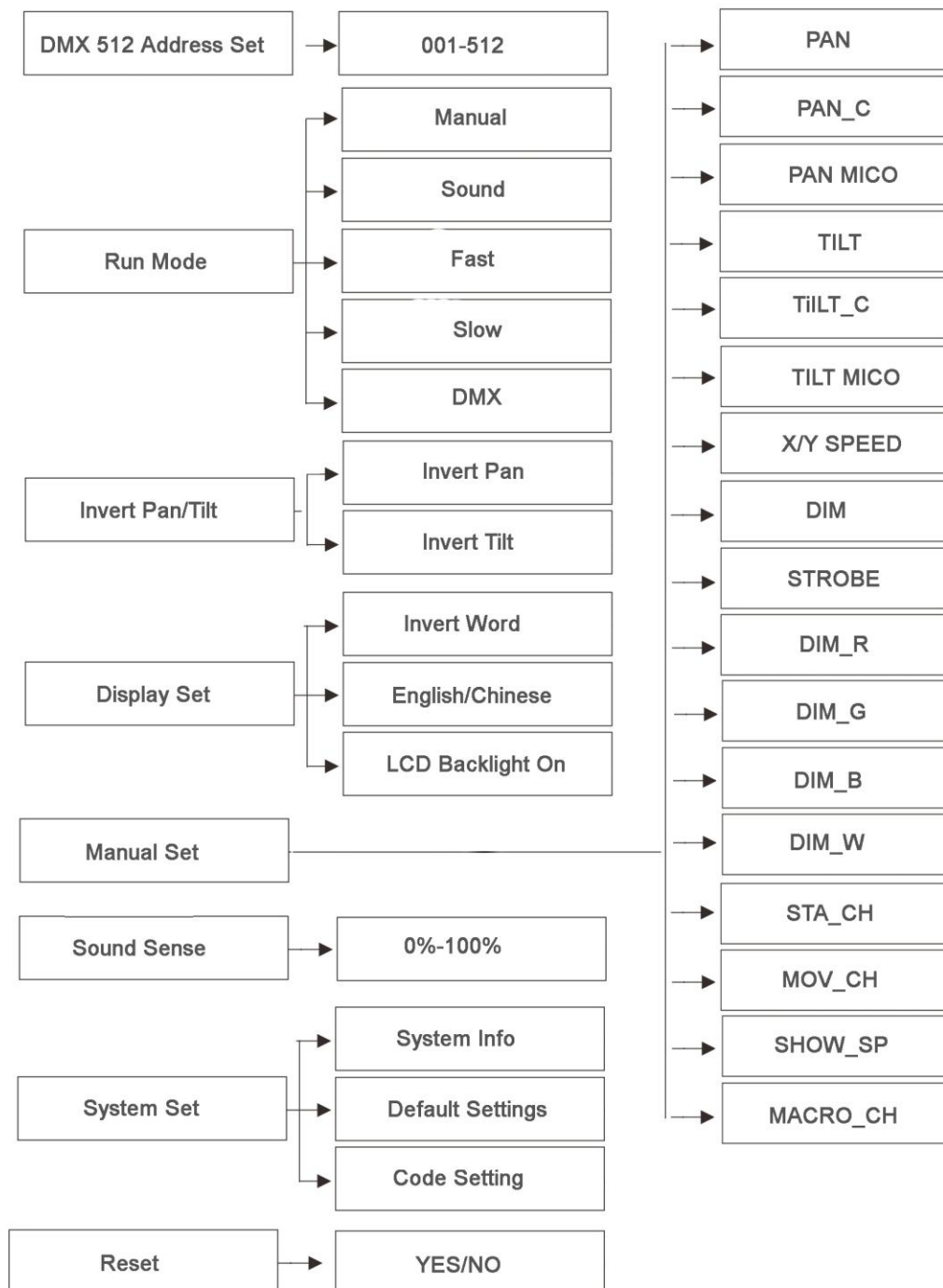
1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

## Main Control Menu

The control board on the fixture base is your interface to access and control all functions on the unit. Press **MENU** to select desired mode. Press **ENTER** to use **UP**/**DOWN** keys to select desired settings.

**Menu Map:**

| | | | | |
|---|---|---|---|---|
| DMX 512 Address Set | → | 001-512 | → | PAN |
| | | Manual | → | PAN_C |
| | | Sound | → | PAN MICO |
| Run Mode | | Fast | → | TILT |
| | | Slow | → | TiILT_C |
| | | DMX | → | TILT MICO |
| Invert Pan/Tilt | | Invert Pan | → | X/Y SPEED |
| | | Invert Tilt | → | DIM |
| | | | → | STROBE |
| | | Invert Word | → | DIM_R |
| Display Set | | English/Chinese | → | DIM_G |
| | | LCD Backlight On | → | DIM_B |
| Manual Set | | | → | DIM_W |
| | | | → | STA_CH |
| Sound Sense | → | 0%-100% | → | MOV_CH |
| | | System Info | → | SHOW_SP |
| System Set | | Default Settings | → | MACRO_CH |
| | | Code Setting | | |
| Reset | → | YES/NO | | |

**Channel Chart**

| Channel | Function | | Value |
|---|---|---|---|
| 1 | Pan | Infinite | 000-255 |
| 2 | Pan Direction | Stop | 000-055 |
| | | Forward pan   fast to slow | 056-155 |
| | | Backward pan fast to slow | 156-255 |
| 3 | Pan Fine | 16bit | 000-255 |
| 4 | Tilt | Infinite | 000-255 |
| 5 | Tilt Direction | Stop | 000-055 |
| | | Forward tilt   fast to slow | 056-155 |
| | | Backward tilt   fast to slow | 156-255 |
| 6 | Tilt Fine | 16bit | 000-255 |
| 7 | Pan/Tilt Speed | Fast to slow | 000-255 |
| 8 | Dimmer | From off to on | 000-255 |
| 9 | Strobe | No function | 000-055 |
| | | Pulse strobe slow to fast（1HZ-25HZ) | 056-155 |
| | | Random strobe | 156-205 |
| | | Strobe | 206-255 |
| 10 | LED Color | Red intensity | 000-255 |
| 11 | LED Color | Green intensity | 000-255 |
| 12 | LED Color | Blue intensity | 000-255 |
| 13 | LED Color | White intensity | 000-255 |
| 14 | Static Effect | Static Effect 1 | 000-024 |
| | | Static Effect 2 | 025-049 |
| | | Static Effect 3 | 050-074 |
| | | Static Effect 4 | 075-099 |
| | | Static Effect 5 | 100-124 |
| | | Static Effect 6 | 125-149 |
| | | Static Effect 7 | 150-174 |
| | | Static Effect 8 | 175-199 |
| | | Static Effect 9 | 200-224 |
| | | Static Effect 10 | 225-249 |
| | | Speed | 250-255 |
| 15 | Dynamic Effect | Dynamic effect 1 | 000-049 |
| | | Dynamic effect 2 | 050-099 |
| | | Dynamic effect 3 | 100-149 |
| | | Dynamic effect 4 | 150-255 |
| 16 | Speed | Speed controls CH14/15    Fast to slow | 000-255 |
| 17 | Display&Sound | No function | 000-049 |
| | | Static display | 050-099 |
| | | Dynamic display | 100-149 |
| | | Automatic | 150-199 |
| | | Sound | 200-255 |
| 18 | Reset | No function | 000-250 |
| | | Reset | 251-255 |