

# **User Manual**

## **ST 1000**



## Check that the unit has not been damaged during transport



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

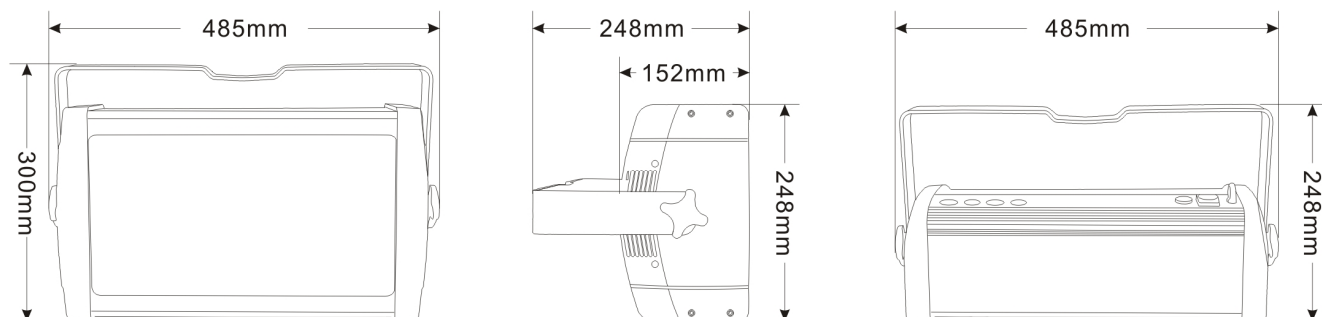
1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical sh

## Specification

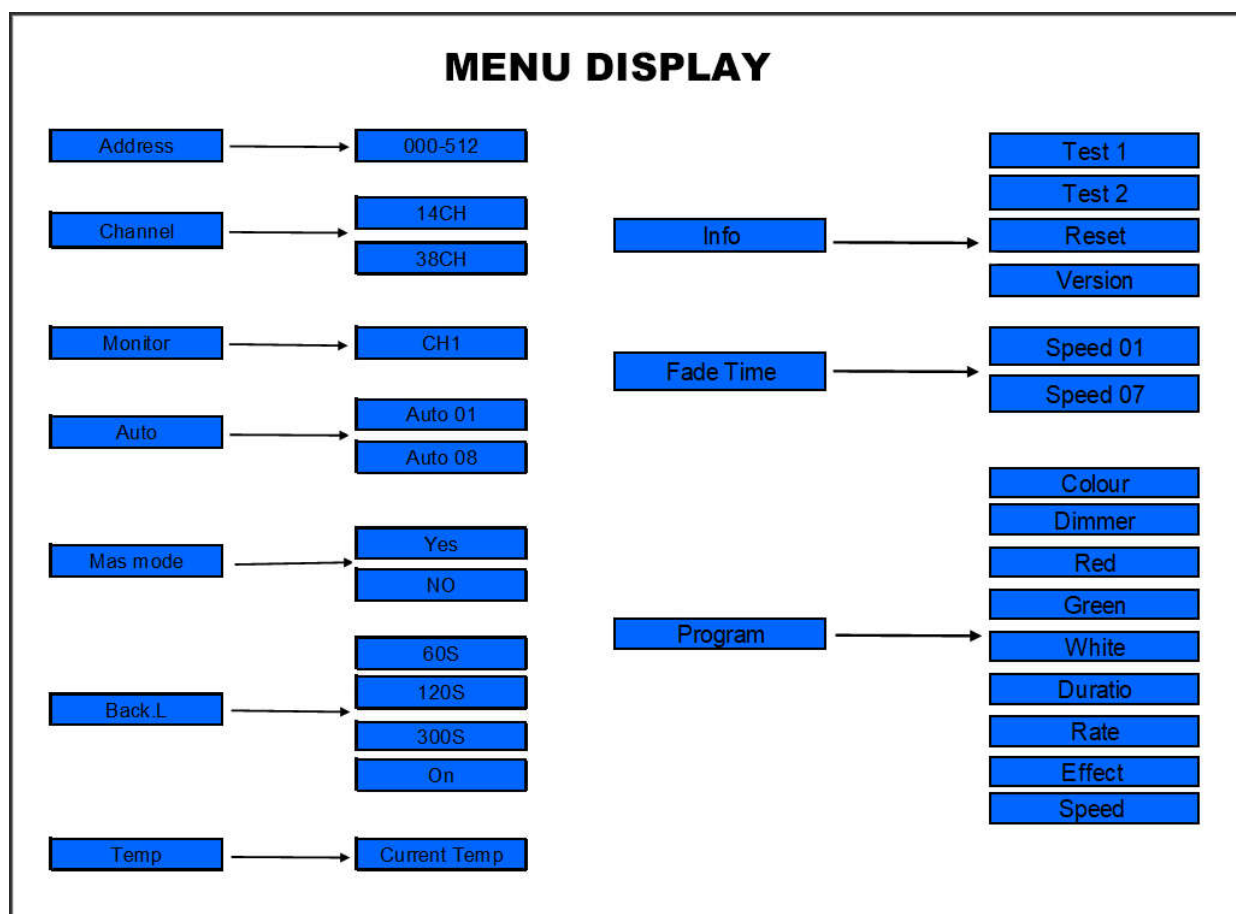
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- Model: ST 1000
- Working Position: Any safe working position
- Voltage: 90-250V / 50~60Hz
- Power: 1000W
- LED Lamp : 64pcs Red SMD LEDs/64pcs Green SMD LEDs/64pcs Blue SMD LEDs/96pcs White SMD LEDs
- Display: LCD display
- DMX Channel: 14/38CH
- Protection rating: IP20
- Connector: True1 PowerIn; 3Pin+5Pin DMX
- Cooling system: Fans start to work when temperature reaches to 45°C
- Built-in programs: 8kinds
- Control Mode: DMX512; Master/Slave; Stand-alone
- N.W: 9KGS
- G.W:10KGS
- Dimension: 485(D)\*152(W)\*300(H)mm
- Warranty: **1 Year**

## Dimension



## Menu Map



**Address** **Address:** This function allows you to select DMX start address value from 001 to 512. Press ENTER to confirm setting

**Channel** **Channel:** Select from DMX operating 14 channels and 38 channels

**Auto** **Auto:** This function allows you to select 8 fixed effects. Press Enter to confirm setting

**Mas mode** **Mas Mode:** This function allows you to set fixture be Master or Slave

**Back.L** **Back L:** This function allows you to set back light On or off after 60s/120s/300s. Press Enter to confirm setting

**Temp** **Temp:** The display issues temperature the fixture reaches to. Fans start to work when temperature reaches to 45°C. Intensity starts to darker when temperature reaches to 75°C

**Info** **Info:** This menu issues software version on fixture and allow you to set fixture to be factory setting.

**Fade Time** **Fade Time:** This function allows you to set color fade speed from 01 to 07. Press Enter to confirm setting.

**Program** **Program:** This function allows you to operate Dimmer/Red/Green/Blue/White and select fixed effects from Colour/Effect, set strobe speed from submenu Duration/Rate/Speed. Press Enter to confirm setting.

## DMX Profile

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### 14CH Mode

Channel	Function	Description	Value
1	Dimmer	0-100%	001~255
2	Red	LED Color	001~255
3	Green	LED Color	001~255
4	Blue	LED Color	001~255
5	White	LED Color	001~255
6	Strobe Intensity	Dark to Bright	001~255
7	Strobe	Slow to Fast	001~255
8	Random Strobe	Built-in Strobe Effects	001~255
9	Macro	White LED	001~255
10	Speed	White LED	001~255
11	Macro	RGB LED	001~255
12	Speed	RGB LED	001~255
13	Color Change	RGBW LED	001~255
14	Auto Run	RGBW LED	001~255

### 38CH Mode

Channel	Function	Description	Value
1	Dimmer	0-100%	000~255
2	Red 1	LED Color	000~255
3	Red 2	LED Color	000~255
4	Red 3	LED Color	000~255
5	Red 4	LED Color	000~255
6	Red 5	LED Color	000~255
7	Red 6	LED Color	000~255
8	Red 7	LED Color	000~255

9	Red 8	LED Color	000~255
10	Green 1	LED Color	000~255
11	Green 2	LED Color	000~255
12	Green 3	LED Color	000~255
13	Green 4	LED Color	000~255
14	Green 5	LED Color	000~255
15	Green 6	LED Color	000~255
16	Green 7	LED Color	000~255
17	Green 8	LED Color	000~255
18	Blue 1	LED Color	000~255
19	Blue 2	LED Color	000~255
20	Blue 3	LED Color	000~255
21	Blue 4	LED Color	000~255
22	Blue 5	LED Color	000~255
23	Blue 6	LED Color	000~255
24	Blue 7	LED Color	000~255
25	Blue 8	LED Color	000~255
26	White 1	LED Color	000~255
27	White 2	LED Color	000~255
28	White 3	LED Color	000~255
29	White 4	LED Color	000~255
30	Strobe Intensity	Dark to Bright	000~255
32	Strobe	Slow to Fast	000~255
32	Random Strobe	Built-in Strobe Effects	000~255
33	Macro	White LED	000~255
34	Speed	White LED	000~255
35	Macro	RGB LED	000~255
36	Speed	RGB LED	000~255
37	X	NO function	000~255
38	X	No function	000~255

## **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 off 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.

Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew).

## **Unit not responding to DMX:**

Check that the DMX cables are connected properly and are wired correctly (pin 3 is “hot”; on some other DMX devices pin 5 may be “hot”). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.