

User Manual

Vari Wash 1915(pixel)



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

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

Protection Against Electrical



Electrical

- Disconnect power before servicing
- The unit must be earthed (electronically grounded)

Protection against Mechanical Hazards



Mechanical

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

Technical Information

Electrical

Power supply:.....electronic auto-ranging

Input voltage range:.....supply 100-250V, 50/60Hz

Power consumption:.....300W

Optic

Light source: Osram 15W RGBW quad LED X19pcs

LED life expectancy: 60,000 hours

Lens: High precision optical lens

Strobe: Dual lens strobe (0.5-9times/second)

Dimmer: Smooth dimmer from 0-100%

Feature

Zoom:5°-60°

Pixel: 3 circles control

Motorized

Pan movement range: 540°

Tilt movement range: 270°

8bit/16 bit movement solution, optional

Automatic Pan/Tilt position correction

Pan movement 0°-540°at max.....

Tilt movement 0°-270°at max.....

LCD operation

Built-in demo sequences

Strong three-phase pan/tilt motors

Stand-alone operation

Supported protocols: DMX512

2 DMX modes (16/24 control channels)

Connection

DMX data in/out: Locking 5-pin XLR

AC power input: 1.5m power cord with plug

Rigging

Mounting points: 2 pairs of 1/4-turn locks

Mounting horizontally or vertically via 2 Omega brackets

Temperatures

Maximum ambient temperature: 45°C

Maximum housing temperature: 75°C

Minimum distances

Min. distance from flammable surfaces: 3.0m

Min. distance to lighted object: 2.0m

Dimension: 325x223x380mm

Weight (net): 9.5kg

Warranty: 1 Year

Main Power Connection

Caution!

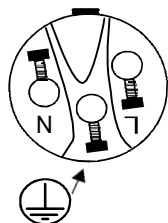
1. Do not connect fixture to a dimmer system
2. This unit has an auto-switching power supply. It will respond to 110V or 220V automatically
3. This unit must be earthed. (Electronically grounded)
4. Replace fuse only with the specified type and rating

The occupation of the connection-cable is as follows:

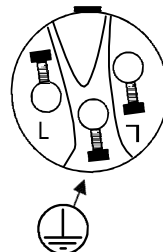
The equipment is with an electronic power supply that will let the unit operate from 90V to 240V from 50Hz to

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	N
Green	Yellow/Green	Ground		

110V
Connection



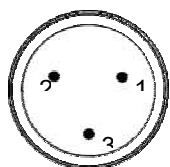
220V
Connection



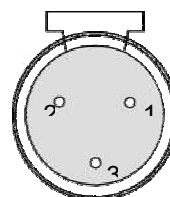
DMX-512 Connection

The fixture is equipped with 3 pin XLR Sockets for DMX input and output. These sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

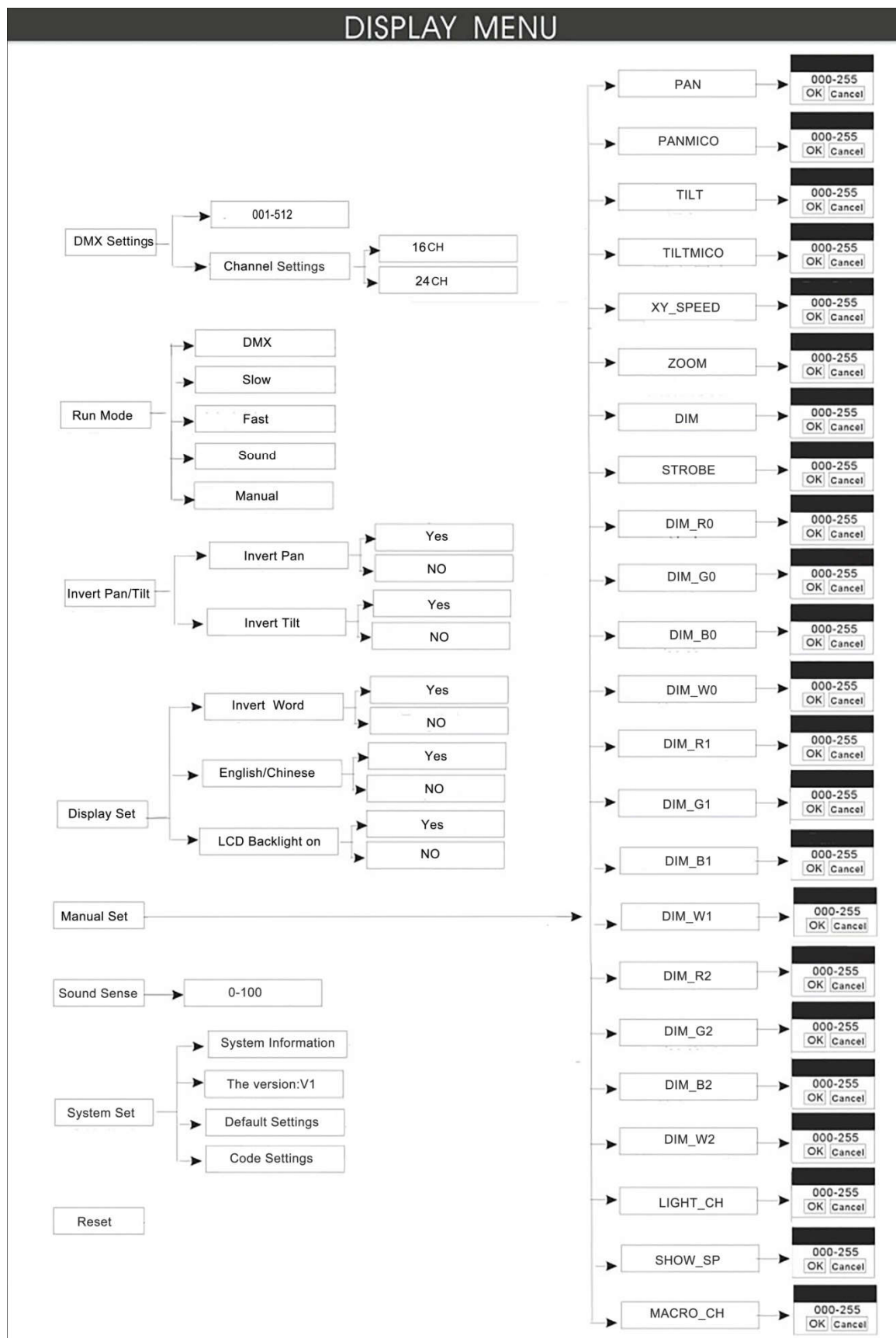
DMX—input DMX—output



1. Shield
2. Signal (-)
3. Signal (+)



Menu Map

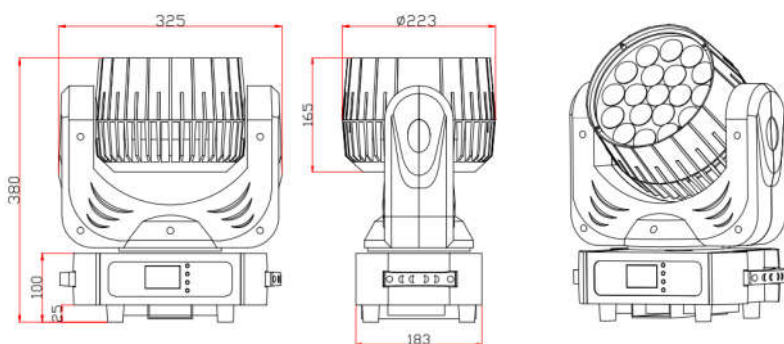


DMX Profile

16CH	Function	DMX Value	Description
1	Pan	000-255	540°
2	Pan Fine	000-255	16bit
3	Tilt	000-255	270°
4	Tilt Fine	000-255	16bit
5	P/T Speed	000-255	Fast to Slow
6	Dimmer	000-255	0-100% Linear
7	Strobe	000-003	No Function
		004-095	Slow to Fast (1HZ~25HZ)
		96-176	Random Strobe
		177-255	Exploded Strobe
8	LED Color Intensity	000-255	Red
9	LED Color Intensity	000-255	Green
10	LED Color Intensity	000-255	Blue
11	LED Color Intensity	000-255	White
12	Zoom	000-255	50°-6°
13	Programs	000-024	Program 1
		025-049	Program 2
		050-074	Program 3
		075-099	Program 4
		100-124	Program 5
		125-149	Program 6
		150-174	Program 7
		175-199	Program 8
		200-224	Program 9
		225-255	Program 10(based on colors R/G/B/W)
14	Programs Speed	000-255	Fast to Slow
15	Macro	000-049	No Function
		050-099	CH13/CH14 Turn-on
		100-149	Auto Run 1
		150-199	Auto Run 2
		200-255	Sound
16	Reset	000-250	No Function
		251-255	Reset

24CH	Function	DMX Value	Description
1	Pan	000-255	540°
2	Pan Fine	000-255	16bit
3	Tilt	000-255	270°
4	Tilt Fine	000-255	16bit
5	P/T Speed	000-255	Fast to Slow
6	Zoom	000-255	50°-6°
7	Dimmer	000-255	0-100% Linear
8	Strobe	000-003	No Function
		004-095	Slow to Fast (1HZ~25HZ)
		096-176	Random Strobe
		177-255	Exploded Strobe
9	LED Color Intensity	000-255	Section 1 LED Red
10	LED Color Intensity	000-255	Section 1 LED Green
11	LED Color Intensity	000-255	Section 1 LED Blue
12	LED Color Intensity	000-255	Section 1 LED White
13	LED Color Intensity	000-255	Section 2 LED Red
14	LED Color Intensity	000-255	Section 2 LED Green
15	LED Color Intensity	000-255	Section 2 LED Blue
16	LED Color Intensity	000-255	Section 2 LED White
17	LED Color Intensity	000-255	Section 3 LED Red
18	LED Color Intensity	000-255	Section 3 LED Green
19	LED Color Intensity	000-255	Section 3 LED Blue
20	LED Color Intensity	000-255	Section 3 LED White
21	Programs	000-024	Program 1
		025-049	Program 2
		050-074	Program 3
		075-099	Program 4
		100-124	Program 5
		125-149	Program 6
		150-174	Program 7
		175-199	Program 8
		200-224	Program 9
		225-255	Program 10(based on colors R/G/B/W)
22	Programs Speed	000-255	Fast to Slow
23	Macro	000-049	No Function
		050-099	CH13/CH14 Turn-on
		100-149	Auto Run 1
		150-199	Auto Run 2
		200-255	Sound
24	Reset	000-250	No Function
		251-255	Reset

Fixture Size Drawing



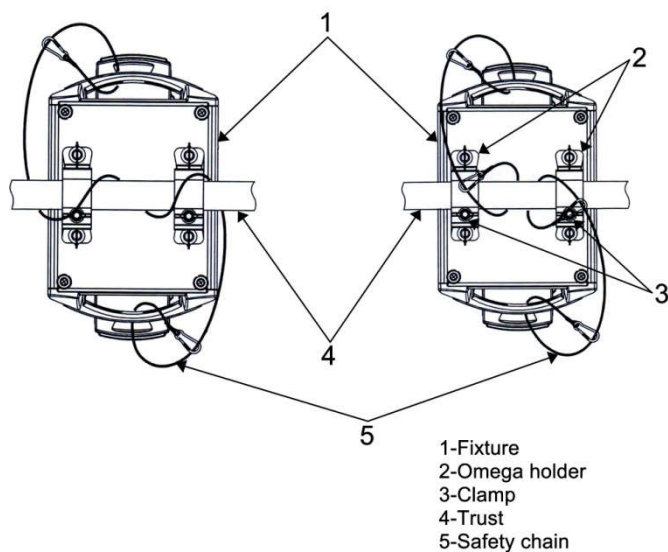
Installation

Use an appropriate clamp to ring the fixture on the truss.

Follow the instructions mentioned at the bottom of the base.

Make sure that the device is fixed properly! Ensure that the structure (truss) to which you are attaching the fixtures is secure.

Securing the fixture via one safety wire Securing the fixture via two safety wires



Cleaning!

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

Use normal glass cleaner and a soft cloth to wipe off the outside casing.

Clean the external optics with glass cleaner and a soft cloth every 20 days.

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.