Ref. No.: 150.523

MHL-1410WISPOT 14X 10W QUAD DMX 2.4GHZ

MANUAL

Thank you for purchasing one of our products.
Before you use this product please read these instructions carefully to enjoy optimal performance and a longer service life.

CONTENTS

UNPACKING INSPECTIONS

Unpacking instructions
- Please unpack the carton and check the goods carefully when you receive it , if you discover any packing damage, shortage or quality problems, please notify the shipper and reject the goods.
- Before using this product, please read the instructions carefully and store them in a safe place for future reference.

Checking the contents of the box:
The product, Power cord, Instruction Manual, Mounting Bracket
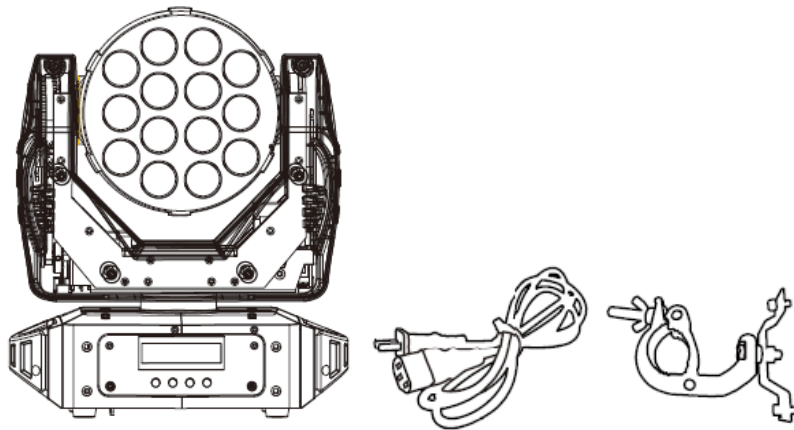
SAFETY INSTRUCTIONS

- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- Never put tiny metal objects such as a screwdriver, iron wire, etc. into this product in case of a short circuit .
- Please make sure that the voltage of the outlet to which you are connecting this product is within the range stated on the decal or rear panel of the product.
- Avoid physical damage to the product during transportation. Never carry this product from the power cord or any moving part . Always use the hanging / mounting bracket or the handles.
- This product is for indoor use only. To avoid risk of fire or shock, do not expose this product to rain or moisture.
- Never pull or tug on the cord and change it for another one, stop using it when it is damaged or becomes hot .
- Stop using the product once there are sparks when connecting it to the power socket.
- Do not operate this product with wet hands and never place it near water or any other liquids.
- Make sure there are no flammable materials close to the unit while operating. Always install it in a location with adequate ventilation.
- When the original lightning source is damaged, do not replace it with a lightning source which has different specifications and ratings.
- Always disconnect this product from the power source before replacing the light source or the fuse.
- The maximum ambient temperature is 40°C(104°F).
- Never clean the unit with water, thinner or any other dissolving agent .
- Stop using the product in case of a serious operating problem and send it to our maintenance agent immediately. Never get this product repaired by non-professional workers.
- Avoid direct eye exposure to the light source while this product is on.

PRODUCT OVERVIEW
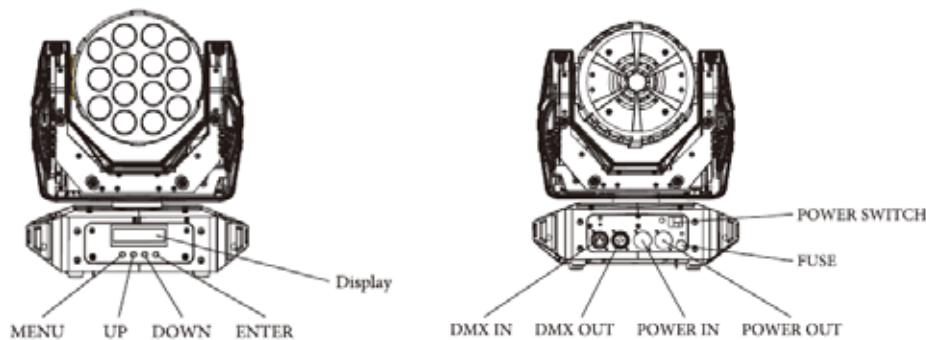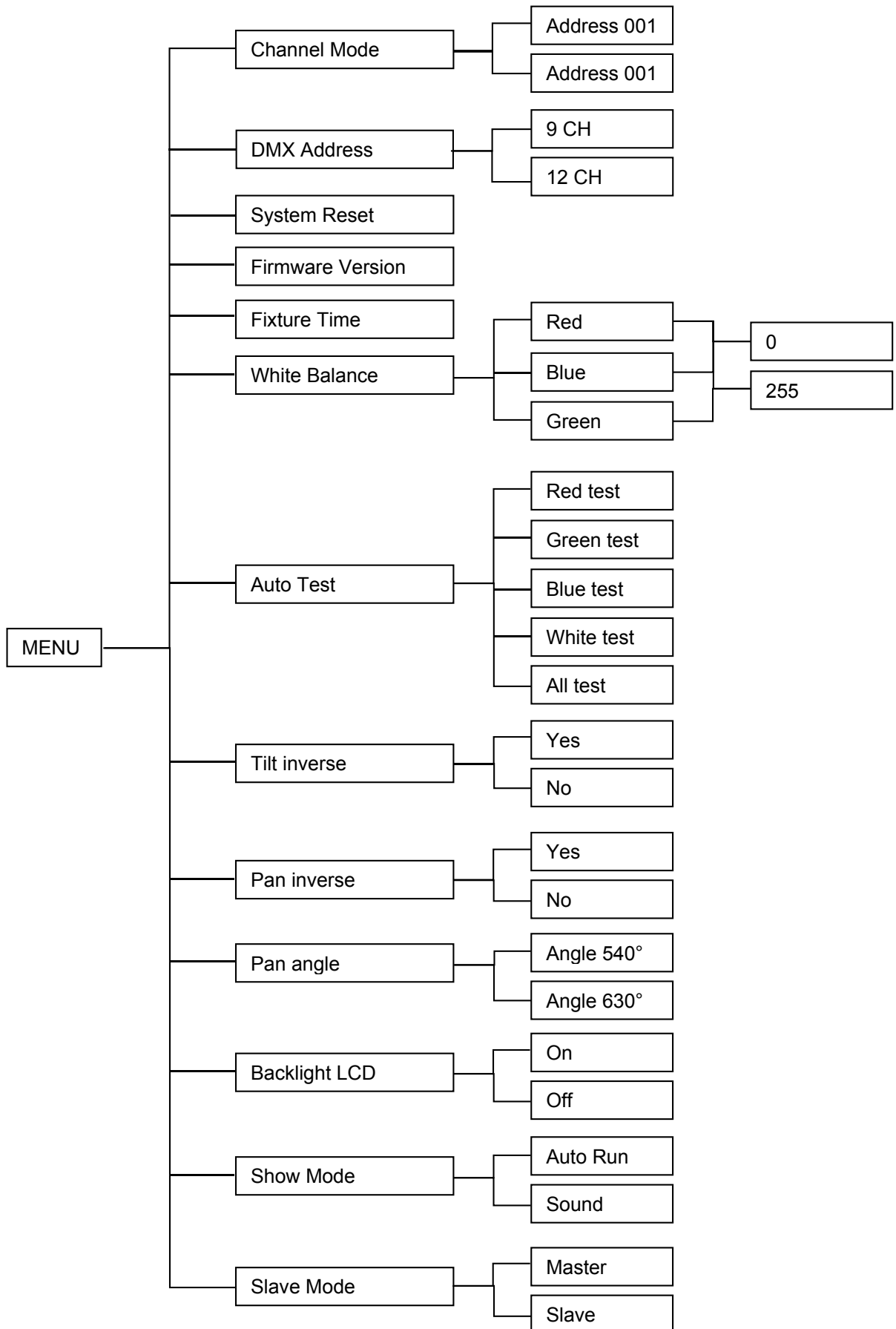

FUNCTIONS INTRODUCTIONS

Main Functions

- 9 or 12 DMX channels .
- Sound active, (wireless) DMX, master/slave mode .
- 14x 10W high quality CREE LEDs.
- With static colors, strobe, dimmer, color mixing and changing effects.
- Pan/Tilt inversion
- Electronic dimming 0 – 100%

SYSTEM MENU

```
                            ┌── Channel Mode ──┬── Address 001
                            │                  └── Address 001
                            │
                            ├── DMX Address ───┬── 9 CH
                            │                  └── 12 CH
                            │
                            ├── System Reset
                            │
                            ├── Firmware Version
                            │
                            ├── Fixture Time
                            │                  ┌── Red ──┬── 0
                            ├── White Balance ─┼── Blue ─┤
                            │                  └── Green ┴── 255
                            │
                            │                  ┌── Red test
                            │                  ├── Green test
                            ├── Auto Test ─────┼── Blue test
                            │                  ├── White test
 ┌─────────┐                │                  └── All test
 │  MENU   │────────────────┤
 └─────────┘                │                  ┌── Yes
                            ├── Tilt inverse ──┴── No
                            │
                            │                  ┌── Yes
                            ├── Pan inverse ───┴── No
                            │
                            │                  ┌── Angle 540°
                            ├── Pan angle ─────┴── Angle 630°
                            │
                            │                  ┌── On
                            ├── Backlight LCD ─┴── Off
                            │
                            │                  ┌── Auto Run
                            ├── Show Mode ─────┴── Sound
                            │
                            │                  ┌── Master
                            └── Slave Mode ────┴── Slave
```

beamZ PROFESSIONAL

SYSTEM SETTING

Channel mode
Select the desired channel mode
Press the UP or DOWN button until "Channel mode" is displayed, press enter.
"X Ch" will now be displayed, ("X" represents the displayed channel mode). Press the UP or DOWN button to find the desired channel mode. Press ENTER to confirm.

DMX Address
Set the DMX address
Press the UP or DOWN button until "DMX address" is displayed, press ENTER.
"X" will now be displayed, ("X" represents the displayed address). Press the UP or DOWN button to find the desired address. Press ENTER to confirm

System Reset
Use this function to reset the fixture
Press the UP or DOWN button until "System Reset" is displayed, press ENTER.
The fixture will reset now

Firmware Version
This will display the software version
Press the UP or DOWN button until "Firmware Version" is displayed, press ENTER.

Fixture Time
With this function you can display the running time of the fixture
Press the UP or DOWN button until "Fixture Time" is displayed, press ENTER.

White Balance
This menu will let you select your white balance mode
Press the UP or DOWN button until "White Balance" is displayed, press ENTER.
Press ENTER to display the Red, Green, Blue and then press ENTER. The RXXX, GXXXX, BXXX, XXX is the value of red, green and bluethen press the UP or DOWN to adjust the value.

Auto Test
With this function you can manually test the individual features
Press the UP or DOWN button until "Auto Test" is displayed, press ENTER.
Press ENTER to find the color you wish to test. Once you find a color you wish to test press the ENTER button.

Tilt invert
Press the UP or DOWN button until "Tilt Invert" is displayed, press ENTER.
Press the UP or DOWN button until "Yes" is displayed, press ENTER to confirm.
To deactivate select "NO", press ENTER to confirm.

Pan invert
Press the UP or DOWN button until "Pan Invert" is displayed, press ENTER.
Press the UP or DOWN button until "Yes" is displayed, press ENTER to confirm.
To deactivate select "NO", press ENTER to confirm.

Pan Angle
Press the UP or DOWN button until "Pan Angle" is displayed, press ENTER.
Press the UP or DOWN buttons to set your rotation

Backlight LCD
Press the UP or DOWN button until "Back LCD" is displayed, press ENTER.

Show mode
In this mode you can select your desired mode.
Press the UP or DOWN button until "Show mode" is displayed, press ENTER.
Press the UP or DOWN button to select the desired show mode, Auto or Sound press ENTER.

Slave mode
In this mode the unit functions as a slave to other units
Press the UP or DOWN button until "Slave mode" is displayed, press ENTER.
Press the UP or DOWN button to select the desired master or slave mode.

Wireless DMX
Switch the wireless system on with the on/off switch on the back panel.
Press the wireless button on the front panel to connect the system with your wireless transmitter. After the connection is linked the LED will flash faster.
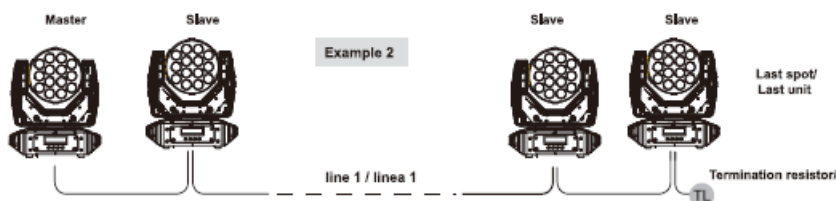To reset the wireless connection, press and hold the button until the LED stops flashing.

OPERATING INSTRUCTIONS

DMX connection.
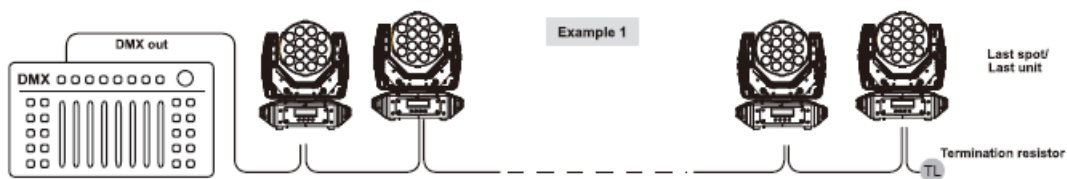
Master / Slave connection.

DMX CHANNEL SETTINGS

12 Channel settings:

DMX 12 Channel		DMX	Desciption
1	**Dimmer**	000 – 255	**0 – 100% Dimmer**
2	**Macro Color**	000 – 000	**Unused**
		001 – 005	**Macro Color 1**
		006 – 010	**Macro Color 2**
		011 – 015	**Macro Color 3**
		016 – 020	**Macro Color 4**
		021 – 025	**Macro Color 5**
		~~	**Macro Color 6 t/m 47**
		236 – 240	**Macro Color 48**
		241 – 245	**Macro Color 49**
		246 – 250	**Macro Color 50**
		251 – 255	**Macro Color 51**
3	**Red**	000 – 255	**Red Dimmer**
4	**Green**	000 – 255	**Green Dimmer**
5	**Blue**	000 – 255	**Blue Dimmer**
6	**White**	000 – 255	**White Dimmer**
7	**Strobe**	000 – 009	**No strobe**
		010 – 255	**Strobe from slow to fast**
8	**Pan**	000 – 255	**Pan Moving 0 – 540 degree**
9	**Pan Speed**	000 – 255	**Speed pan moving**
10	**Tilt**	000 – 255	**Tilt Moving 0 – 180 degree**
11	**Tilt Speed**	000 – 255	**Speed tilt moving**
12	**Function**	000 – 127	**No function (DMX control)**
		000 – 255	**Auto sound function**

9 Channel settings:

DMX 9 Channel		DMX	Desciption
1	**Pan**	000 – 255	**Pan Moving 0 – 540 degree**
2	**Tilt**	000 – 255	**Tilt Moving 0 – 180 degree**
3	**Pan Speed**	000 – 255	**Speed pan moving**
4	**Tilt Speed**	000 – 255	**Speed tilt moving**
5	**Dimmer/Strobe**	000 – 200	**Dimmer 0-100%**
		201 – 247	**Strobe slow-fast**
		248 – 255	**Full on**
6	**Red**	000 – 255	**Red Dimmer**
7	**Green**	000 – 255	**Green Dimmer**
8	**Blue**	000 – 255	**Blue Dimmer**
9	**White**	000 – 255	**White Dimmer**

MAINTENANCE

The unit should be cleaned periodically to ensure the optimal performance, smudginess can decrease the life of the light source and the output of light is affected by the dust which can make the machine overheat. It is advised to perform maintenance 2 times a month. Be sure to disconnect the unit from the power socket before cleaning.Do not clean until the unit recovers a normal temperature, use the lens tissue or soft cotton cloth with alcohol and wipe gently.The cleaning frequency depends on the environment in which this unit operates, damp, smoky or dirty surroundings can cause greater accumulation of dirt on the optics. Never rub or press strongly on the panel.

SPECIFICATION

Head movement:Pan	630°
Head movement:Tilt	220°
Beam angle	8°
Light intensity	18000 lux @ 2m
No. of colours	Infinite
No. of LEDs	14x 10W Quad LEDs
DMX channels	10 or 14
Power Supply	100-240Vac / 50Hz
Consumption	160W
Dimensions	273 x 167 x 331mm
Weight	4.8 kg

CE (!) : Explanation

Please consult the authorities of your own country for detailed information regarding the licensing regime! In the following countries the regulative frequencies are :

NL:	2245-2495.0 MHz,	D:	2384.0-2483.5 MHz,
B:	2400-2483.5 MHz,	F:	2465.0-2475.0 MHz,
I:	2215-2500.0 MHz,	E:	2304.5-2480.5 MHz,
RUS:	2200-2500.0 MHz,	CZ:	2200.0-2500.0 MHz,
POR:	2483.5 MHz		

CE & R&TTE Declaration of Conformity

Importer:	TRONIOS BV
	Bedrijvenpark Twente 415
	7602 KM - ALMELO
Tel :	0031546589299
Fax :	0031546589298
	The Netherlands

Product number:	**150.523**
Product Description:	**MHL-1410Wispot14x 10W Quad, DMX 2.4Ghz**

Regulatory Requirement:	EN 60598-1/-2-17
	EN 55015
	EN 61547
	EN 61000-3-2/-3-3
	EN 300 440-1/-2

The product conforms to the essential requirements and other relevant previsions of the R&TTE Directive (1999/5/EC).

Almelo,

13-12-2012

Signed:

P. Feldman

Specifications and design are subject to change without prior notice..

www.tronios.com