

# TinyMover

3-in-1 40W LED Mini Moving Head

Item ref: 150.461UK

User Manual

Please read through this manual thoroughly before use, any damage caused by misuse of product will not be covered by warranty.

Perfect for smaller venues, this compact yet surprisingly bright 3-in-1 mini moving head features multicoloured ball and ring effects and a sharp green laser. Easily operated using internal auto or sound to light programs or by 20/24 channel DMX connection for more precise control, the TinyMover can be free standing or mounted to trussing using the supplied brackets and provides bright and colourful coverage for such a small unit.



## In the box:

Your TinyMover should arrive with you in a single carton in good condition. The carton should contain 1 x main unit with bracket, 1 x UK IEC mains lead and 1 x manual.

## Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.



**Please do not open cover, contains high voltage. This product is not serviceable or repairable by the end user. Please refer to qualified personnel for service and repair.**



## Caution: Laser radiation

Avoid pointing directly towards eyes. Laser output can cause injury if viewed directly. This product is a Class 3B laser and should only be installed and used by persons who are trained in the management of laser radiation and are able to operate in accordance within the guidance given by the Health and Safety Executive (HSE) in HS(G)95: "The Radiation Safety of Lasers used for Display purposes". Copies of this guide can be downloaded from: [www.avsl.com/assets/documents/hsg95.pdf](http://www.avsl.com/assets/documents/hsg95.pdf)



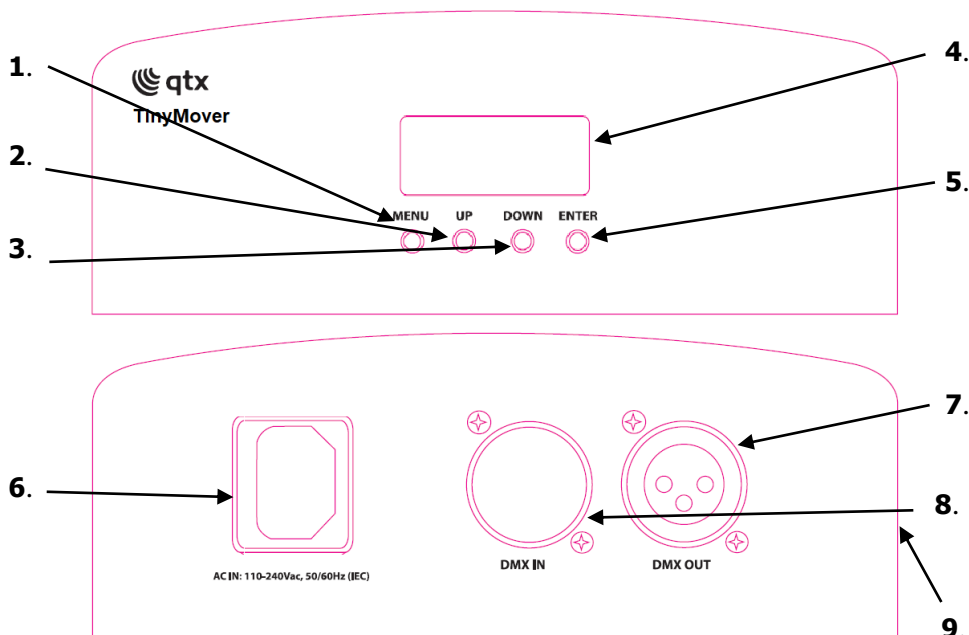
## Placement:

- Use the included mounting bracket to fix to a stand or lighting truss.
- Keep away from damp or dusty environments.
- Ensure adequate air-flow around the fixture housings.
- Ensure adequate access to controls and connections.
- Do not aim LED or laser output directly into line of sight, as this can result in eye injury.

## Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required.
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups.
- Do not use strong solvents for cleaning the unit.

## Rear panel and controls:



1. **Menu button**
2. **Up button**
3. **Down button**
4. **LED display**
5. **Enter button**
6. **IEC input (110-240 Vac, 50/60 Hz)**
7. **DMX output**
8. **DMX input**
9. **Laser key (on side)**

### Manual control menu:

Press the **"MENU"** button to enter the settings menu.

Press **"UP"** and **"DOWN"** buttons to navigate through various setting functions.

Press **"ENTER"** button to confirm the desired setting.

Menu	Function	Description
Addr	A001 - A512	DMX address settings
CHnd	20CH-24CH	DMX channel select
SLnd	Mast-d512	Master or slave select
Shnd	Sh1-Sh4	Sound active modes
Auto	Aut1-Aut4	Auto mode select
	Sp1-Sp9	Auto mode speed select (slow to fast)
Sens	1-100	Sound active mode sensitivity adjust
LED	On-Off	LED display setting
diSP	On-off	LED display reverse
Pan	No-Yes	X-axis positive phase/X-axis reverse phase
Tilt	No-Yes	Y-axis positive phase/Y-axis reverse phase
Ver	V10	Software version
Rest		Factory reset

### DMX mode:

The TinyMover can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit. To enter DMX mode, select A001 from the menu and confirm the correct start address by using the **"UP"** and **"DOWN"** buttons and **"ENTER"**. The A on the LED display will begin to flash once it's received the DMX signal from the controller. This unit has 20 or 24 DMX channels as indicated in the tables below:

### 20 Channel:

Channel	Value	Description
1	0-255	PAN adjust
2	0-255	Tilt adjust
3	0-255	Motor speed
4	0-255	Master dimmer
5	0-255	LED ball red dimmer
6	0-255	LED ball green dimmer
7	0-255	LED ball blue dimmer
8	0-255	LED ball white dimmer
9	0-255	Strobe LED ring 1 red
10	0-255	Strobe LED ring 1 green
11	0-255	Strobe LED ring 1 blue

12	0-255	Strobe LED ring 2 red
13	0-255	Strobe LED ring 2 green
14	0-255	Strobe LED ring 2 blue
15	0-255	Strobe LED ring 3 red
16	0-255	Strobe LED ring 3 green
17	0-255	Strobe LED ring 3 blue
18	0-255	Laser
19	0-9	No strobe
	10-140	Strobe 0-100%
	141-255	Strobe random speed
20	0-9	Manual dimmer
	10-199	Auto mode
	200-209	Waiting for 2s reset
	210-239	Manual dimmer
	240-255	Sound active mode

## 24 Channel:

Channel	Value	Description
1	0-255	PAN adjust
2	0-255	PAN fine adjust
3	0-255	Tilt adjust
4	0-255	Tilt fine adjust
5	0-255	Motor speed
6	0-255	Master dimmer
7	0-255	LED ball red dimmer
8	0-255	LED ball green dimmer
9	0-255	LED ball blue dimmer
10	0-255	LED ball white dimmer
11	0-255	Strobe LED ring 1 red
12	0-255	Strobe LED ring 1 green
13	0-255	Strobe LED ring 1 blue
14	0-255	Strobe LED ring 2 red
15	0-255	Strobe LED ring 2 green
16	0-255	Strobe LED ring 2 blue
17	0-255	Strobe LED ring 3 red
18	0-255	Strobe LED ring 3 green
19	0-255	Strobe LED ring 3 blue
20	0-255	Laser
21 (CH22 0-14 valid)	0-35	Manual dimmer
	36-255	10 Colour temp adjust
22	0-014	Manual dimmer or colour temp selection
	015-255	Colour selection
23	0-9	No strobe
	10-140	Strobe 0-100%
	141-255	Strobe random speed
24	0-9	Manual dimmer
	10-199	Auto mode
	200-209	Waiting for 2s reset
	210-239	Manual dimmer
	240-255	Sound active mode

## Specifications:

<b>Power supply</b>	110-240Vac, 50/60Hz (IEC)
<b>Power consumption</b>	40W
<b>LED power</b>	LED Ball 10W RGBW, LED SMD 36x 0.2W RGB, Laser 50w Green
<b>Modes</b>	Auto, sound, master/slave, DMX512
<b>DMX channels</b>	20 or 24CH
<b>PAN range</b>	540°
<b>Tilt range</b>	270°
<b>Dimensions</b>	190 x 140 x 124mm
<b>Weight</b>	1.24kg

## Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check IEC lead and fuse (if fuse continually blows, refer to your dealer)
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
No laser output	Check laser key isn't turned off
Unresponsive to DMX	Check that unit is in DMX mode and ensure the A on the DMX address flashes to confirm it's receiving a DMX signal
	Check DMX controller is not set to black out
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
	Check DMX connection and leads
Overheating/ cutting out	Ensure adequate ventilation and unit is not too close to a heat source



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

### Errors and omissions excepted.

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