

# Infinity

## Flying Strobe Moving Head

Item ref: 150.467UK

User Manual

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



A mesmerizing moving head comprising 2 panels of 250 bright RGB LEDs which combine with infinite Pan and tilt movement to provide room filling effects from any position. The unit can be operated on show mode, sound-to-light or by DMX and can be free standing or mounted to trussing using the supplied fixing bracket. Ideal as a feature light in bars, nightclubs and functions, the Infinity moving head offers endless possibilities.

### In the box:

Infinity should arrive with you in a single carton in good condition. The carton should contain 1 x main unit with brackets, 1 x UK twist and lock 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.**



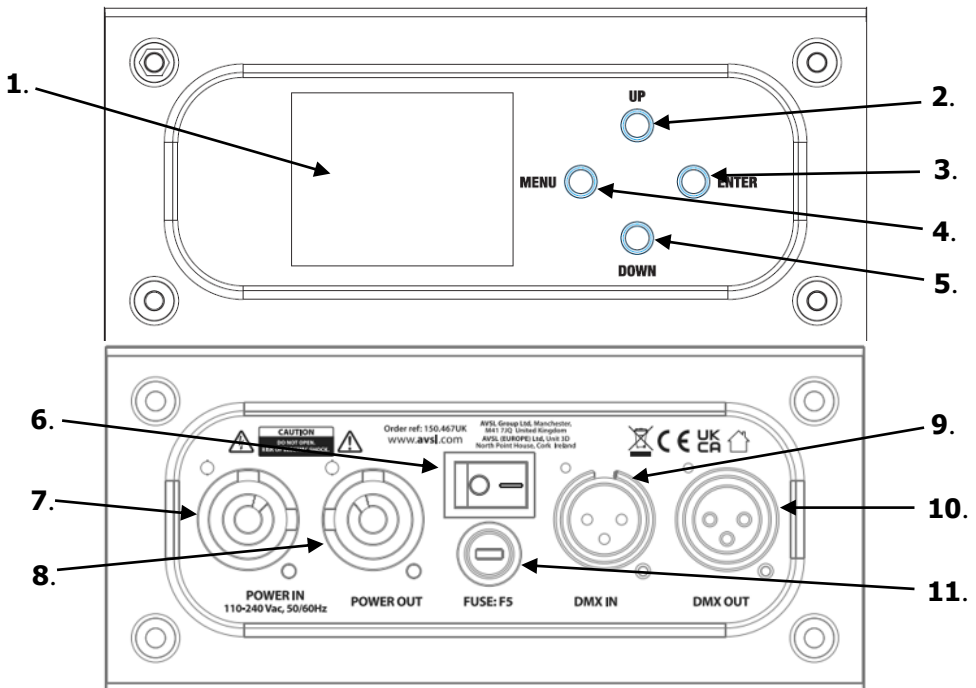
## Placement:

- Use the included mounting brackets to fix to a stand or lighting truss.
- Use secondary safety fixings if mounting overhead.
- Keep away from damp or dusty environments.
- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.
- Do not aim LED 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 control:



- |                 |                                  |
|-----------------|----------------------------------|
| 1. LCD display  | 7. Power input (twist and lock)  |
| 2. Up button    | 8. Power output (twist and lock) |
| 3. Enter button | 9. DMX input                     |
| 4. Menu button  | 10. DMX output                   |
| 5. Down button  | 11. Fuse                         |
| 6. Power switch |                                  |

### 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	Options and Settings		Description
DMX Address 512	001--512		DMX Address Code
DMX Mode	CH-12		12 DMX Channel
	CH-15		15 DMX Channel
	CH-19		19 DMX Channel
	Show Mode	Auto0	Random Show
		Auto1-16	Show 1-16
Auto Mode	Motor Speed	0-100	Slow to Fast
	Show Speed	01-99	Slow to Fast
	Sound Mode	Off	Sound control on
		On	Sound control off
	Speed 00-99	00-99	Sound sensitivity
Slave Mode	Slave 1		Slave 1
	Slave 2		Slave 2
Advanced Settings	Resetting	No/Yes	Reset, No/Yes
	Pan Inverse	No/Yes	Pan inverse, No/Yes
	Tilt Inverse	No/Yes	Tilt inverse, No/Yes
	Display	Off/On	LCD display, Off/On
	Display inverse	No/Yes	Display inverse No/Yes
	Language	English	English
		Chinese	Chinese
	DMX Fail No DMX	Auto	When DMX signal is interrupted, it will go auto run
		Black	When DMX signal is interrupted, it will go back to last selected
		Hold	When DMX signal is interrupted, it will black out
Software	V1.0	Software version V1.0	

### DMX mode:

Infinity 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 either 12, 15 or 19 DMX channels as indicated in the table below:

### 12 Channel:

CH	Value		Function	
CH1	000	- 255	Tilt movement, 540° Adjustable	Pan
CH2	000	- 049	No function	
	050	- 149	Anticlockwise infinite rotation, fast-slow	
	150	- 155	Stop rotation	
	156	- 255	Clockwise infinite rotation, slow-fast	
CH3	000	- 255	Tilt movement, 360° adjustable	Tilt
CH4	000	- 049	No function	
	050	- 149	Infinite rotation(down), fast-slow	
	150	- 155	Stop rotation	
	156	- 255	Infinite rotation(up), slow-fast	
CH5	000	- 255	Brightness 0-100%	Dimmer
CH6	000	- 255	Red linear dimmer, 0-100%	SMD1
CH7	000	- 255	Green linear dimmer, 0-100%	
CH8	000	- 255	Blue linear dimmer, 0-100%	
CH9	000	- 255	Red linear dimmer, 0-100%	
CH10	000	- 255	Green linear dimmer, 0-100%	SMD2
CH11	000	- 255	Blue linear dimmer, 0-100%	
CH12	000	- 007	LED on	
	008	- 015	LED off	
	016	- 131	Strobe, slow to fast, 1-20Hz	
	132	- 139	LED on	
	140	- 181	LED quick on slow off, slow-fast	
	182	- 189	LED on	
	190	- 231	LED quick off slow on, slow-fast	
	232	- 239	LED on	
	2404	- 247	Random strobe	
248	- 255	LED on		

**15 Channel:**

CH	Value		Function	
CH1	000	- 255	Tilt movement, 540° Adjustable	Pan
CH2	000	- 255	Move speed, fast-slow	
CH3	000	- 049	No function	
	050	- 149	Anticlockwise infinite rotation, fast-slow	
	150	- 155	Stop rotation	
	156	- 255	Clockwise infinite rotation, slow-fast	
CH4	000	- 255	Tilt movement, 360° adjustable	Tilt
CH5	000	- 255	Move speed, fast-slow	
CH6	000	- 049	No function	
	050	- 149	Infinite rotation(down), fast-slow	
	150	- 155	Stop rotation	
	156	- 255	Infinite rotation(up), slow-fast	
CH7	000	- 255	Brightness 0-100%	Dimmer
CH8	000	- 255	Red linear dimmer, 0-100%	SMD1
CH9	000	- 255	Green linear dimmer, 0-100%	
CH10	000	- 255	Blue linear dimmer, 0-100%	
CH11	000	- 255	Red linear dimmer, 0-100%	SMD2
CH12	000	- 255	Green linear dimmer, 0-100%	
CH13	000	- 255	Blue linear dimmer, 0-100%	
CH14	000	- 007	LED on	LED switch/ strobe
	008	- 015	LED off	
	016	- 131	Strobe, slow to fast, 1-20Hz	
	132	- 139	LED on	
	140	- 181	LED quick on slow off, slow-fast	
	182	- 189	LED on	
	190	- 231	LED quick off slow on, slow-fast	
	232	- 239	LED on	
	240	- 247	Random strobe	
	248	- 255	Random strobe	
CH15	000	- 199	No function	Reset
	200	- 209	Automatic reset after 3S	
	210	- 255	No function	

**19 Channel:**

CH	Value		Function	
CH1	000	- 255	Tilt movement,540°Adjustable	Pan
CH2	000	- 255	Move speed, fast-slow	
CH3	000	- 255	X fine	
CH4	000	- 255	Infinite rotation	
CH5	000	- 255	Tilt movement, 360°adjustable	Tilt
CH6	000	- 255	Move speed,fast-slow	
CH7	000	- 255	Y fine	
CH8	000	- 255	Infinite rotation	
CH9	000	- 255	Brightness 0-100%	Dimmer
CH10	000	- 255	Red linear dimmer,0-100%	SMD1
CH11	000	- 255	Green linear dimmer,0-100%	
CH12	000	- 255	Blue linear dimmer,0-100%	
CH13	000	- 255	Red linear dimmer,0-100%	SMD2
CH14	000	- 255	Green linear dimmer,0-100%	
CH15	000	- 255	Blue linear dimmer,0-100%	
CH16	000	- 007	LED on	LED switch/ strobe
	008	- 015	LED off	
	016	- 131	Strobe, slow to fast, 1-20Hz	
	132	- 139	LED on	
	140	- 181	LED quick on slow off, slow-fast	
	182	- 189	LED on	
	190	- 231	LED quick off slow on, slow-fast	
	232	- 239	LED on	
	2404	- 247	Random strobe	
	248	- 255	LED on	
CH17	000	- 007	No function	Show/Sound control
	008	- 022	Show 1	
	023	- 037	Show 2	
	038	- 052	Show 3	
	053	- 067	Show 4	
	068	- 082	Show 5	
	083	- 097	Show 6	

CH17	098	-	112	Show 7	
	113	-	127	Show 8	
	128	-	142	Show 9	
	143	-	157	Show 10	
	158	-	172	Show 11	
	173	-	187	Show 12	
	188	-	202	Show 13	
	203	-	217	Show 14	
	218	-	232	Show 15	
	233	-	247	Show 16	
248	-	255	Sound control active		
CH18	000	-	127	Show speed, slow-fast	Speed/sound control
	128	-	240	Sound control off	
	241	-	255	Sound control on	
CH19	000	-	199	No function	Reset
	200	-	209	Automatic reset after 3S	
	210	-	255	No function	

### Specifications:

<b>Power supply</b>	110-240Vac, 50/60Hz (IEC)
<b>Power consumption</b>	140W
<b>Fuse rating</b>	F5A
<b>LED power</b>	500 x 0.2W-RGB strobe
<b>Modes</b>	Show mode, sound, master/slave, DMX512
<b>DMX channels</b>	12, 15 and 19CH
<b>Beam angle</b>	70°
<b>Pan range</b>	360° infinite
<b>Tilt range</b>	360° infinite
<b>Connections</b>	Power in/out (twist and lock), DMX in/out (3pin XLR)
<b>Dimensions</b>	180 x 270 x 540mm
<b>Weight</b>	7.85kg

## Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check mains 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.)
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 blackout
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
Overheating/Cutting out	Check DMX connection and leads
	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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