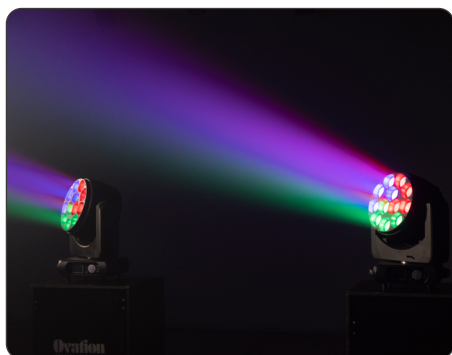


# MAINFORCE 1240

**Mainforce 1240** is a moving head light with zoom function researched and developed basing on 12 x 40W LED RGBW moving head of the present market. Features very quick response speed, zoom range 8° - 50°, color macros makes the color mixing very even, it can turn on a single flow dynamic effect during the same time.

## Key Features:

- 12 x 40W RGBW 4-in-1 LED
- Color macros function
- Studio mode(fan mode) for quiet operation
- High efficient optical lens
- LED rainbow effect
- Strong beam effect, flat and nice wash effect
- Individual control of each LED
- 8° - 50° motorized zoom
- Super fast head moving
- Accurate positioning
- LCD color display
- Position auto correction
- Overheating protection



## PHYSICAL

Length: 390 mm (15.3 in.)  
Width: 270 mm (10.6 in.)  
Height: 460 mm (18.1 in.)  
Net Weight: 14.2 kg (31.2 lb.)

## DYNAMIC EFFECTS

Color mixing: RGBW  
Zoom: motorized zoom  
Individual control of each LED  
Pan: 540°  
Tilt: 270°  
Electronic dimming: 0 - 100%  
Strobe and pulse effects: Variable speed and action, random strobe

## CONTROL AND PROGRAMMING

Control options: DMX, Auto, master-slave  
DMX channels: 11/17/18/58  
DMX address setting: Control panel with LCD display  
DMX compliance: USITT DMX512-A

## OPTICS

Light source: 12 x 40Watt LEDs  
Color temperature: 2800K - 8500K  
Zoom: 8° - 50° motorized zoom  
LED lifetime: 50,000 hours avg.\*  
\*LED Life may vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming

## CONSTRUCTION

Housing: Engineering grade plastic

Color: Black  
Enviroment: IP20 indoor use

## INSTALLATION

Mounting: 2 x Omega brackets  
Location: Dry location only, must be fastened to surface or structure  
Orientation: Any  
Minimum distance to combustibile materials: 0.2 m (0.7 ft.)  
Minimum distance to illuminated surfaces: 2 m (6.6 ft.)

## CONNECTIONS

AC power in, thru: PowerCon in & out  
DMX data in/thru: 3-Pin XLR in & out

## ELECTRICAL

AC power: 100-240 V nominal, 50/60 Hz  
Power supply unit: Auto ranging power unit

## TYPICAL POWER AND CURRENT

230 V, 50 Hz: 360 W  
Allow for a deviation of +/- 10%.

## THERMAL

Cooling: Forced air  
Studio mode: available for silent operation  
Maximum ambient temperature (Ta max.): 40° C (104° F)  
Minimum ambient temperature (Ta min.): 5° C (41° F)