MAIMAN LASERS 30W | 40W | 60W

SHOWVEN series full-colour RGB lasers are launched based on our more than 4 years in-depth laser market research. We aimed to bring quality, premium design and cost-effective laser system to the global market. Our Maiman series full-colour RGB lasers with double-layer structure design, IP65 rated enclosure. Pure diode light source guarantee higher reliability and smaller beam divergence angle. Equipped with safety switch key, remote E-stop function etc. safety configurations ensure the safety and controllability of laser use to the greatest extent. To extend the service life of our laser we equipped with PWM fan control, noise reduction design, realtime temperature monitoring and over-temperature protection function.

Features

\ Compressed light source,spot and fiber optics ensure stronger beam, sharper spot and smaller divergence angle

\ Analog modulation, high linearity and rich beam color

\ TEC temperature control, split refrigeration ensure best working condition of LD

\ Over-temperature protection ensures good performance of optical module components

\ External dimming bracket, dimming will not damage the module cavity environment

\ External TEC refrigeration module, no thermal conductive silicone grease inside the module to prevent oil and water evaporation from affecting the lens and heat from returning to the light source layer

\ PWM fan control, silent design

\ Realtime internal temperature monitoring and display, over-temperature protection

\ Remote emergency stop function

Specifications

Model	Maiman30	Maiman40	Maiman60
Power Supply	AC100-240V 50/60Hz		
Output (max)	30W	40W	60W
R module	8W/638nm	10W/638nm	15W/638nm
	LD Mitsubishi		
G module	10W/520nm	14W/520nm	20W/520nm
	LD Nichia		
B module	12W/450nm	16W/450nm	25W/450nm
	LD Nichia		
Scanning System	AT30H/840 (±30° 30K)	AT30H/1140 (±20° 25K)	AT30H/1140 (±20° 25K)
Beam Size	6×8mm	7×8mm	7×12mm
Beam Divergence	<1.5mrad(full angle)	<1.5mrad(full angle)	<3mrad(full angle)
Analogue modulation	Analog/TTL		
IP level	IP65		
Work Temp.	-20-40℃		
Weight	27kg	29Kg	50kg
Dimension	495×471×226mm	495×471×226mm	630×495×253mm
System Control	Ethernet, DMX, ILDA, Auto		

Effects