

SHOWVEN[®] LASER



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SHOWVEN[®]

PRODUCT CATALOGUE 2026

ABOUT US



2015
Founded



50+
R&D engineers



10%+
annual revenue
spent on R&D



200+
patents



100+
countries and
regions sales coverage



38+
patents of invention with
US, EU, AU coverage

45000m²
ISO9001 certified factory

300+
employees

MAIN PRODUCTS
SPARKULAR, FLAMER, CONFETTI
SMOKE, PYRO & CONSOLE, LASER

CORE VALUE:
INNOVATION QUALITY SERVICE



SHOWVEN[®] LASER

NEW BREAKTHROUGHS ON SHOWVEN 3rd GENERATION LASER

The Maiman series is a high-end laser system integrating precision optics and intelligent control. By achieving core breakthroughs in **Linearix™** intelligent linearity digital driving, **BeamSync™** technology, minimized beam divergence, and an extremely light-weighted design, it sets a new industry standard for color reproduction, beam quality, and portability.



Learn more

1# EXCELLENT COLOUR PERFORMANCE

Premium laser diode supplier as well as strict laser diode screening and classification, ensure R/G/B laser diodes for each unit of laser with exactly same wavelength thus ensure pure color and accurate color mixing.

Our newest **Linearix™ Intelligent linearity digital driver** with nonlinear compensation algorithm ensures perfect RGB linearly output according to the software signal. Thereby achieving brilliant, color-accurate beams and balanced color mixing.

2# HIGH-QUALITY BEAM OUTPUT

On our **BeamSync™** platform, we precisely collimate laser beam output of each piece of laser diode, ensure the divergence angles of the fast and slow axes are uniform. Guarantee the R/G/B beams perfectly overlap to form a perfect light beam. Sharper and clean beams across long distances with low full angle divergence.



3# COLOUR BALANCE DISPLAY MODE

A perfect mix of R/G/B ratio, ensure all the output colors of different lasers are the same.

4# HIGH-SPEED SCANNING GALVANOMETER AND PINCUSHION CORRECTION

Realtime pincushion correction with built-in mathematical calculation algorithms, ensure accurate and perfect "square" projection.

5# COMPACT AND LIGHT-WEIGHTED

Hollowed-out aluminum panel structure ensure sturdiness and durability while maximize the machine weight.

6# SAFETY CONFIGURATIONS

- 4-way rotating masking plate (10-20W: 4-way masking plate)
- Safety switch key
- Remote emergency stop (can be connected in daisy chain)
- Emission delay
- Top cover interlock
- Manual restart after power failure
- Electromechanical shutter (optional)

7# CE & FDA CERTIFIED

Fully compliance with EN 60825-1 and IEC 60825





SPECIFICATIONS



\ Maiman10



\ Maiman15



\ Maiman20



\ Maiman30



\ Maiman40



\ Maiman60

Model	Maiman10	Maiman15	Maiman 20	Maiman30	Maiman40	Maiman60
Dimension (mm)	298×236×187	367×236×187	367×236×187	413×262×207	413×262×207	467×314×207
Weight (kg) (excl. handle)	12.6	14.6	14.6	21	21.5	28.5
Guaranteed Output	10W	15W	20W	30W	40W	60W
Measured Output R	3.2W	4.8W	6.4W	9W	11W	20W
Measured Output G	3.2W	4.8W	6.4W	10W	14W	20W
Measured Output B	4W	6W	8W	12W	16W	20W
Beam Size	6×6mm			7×7mm		8×8mm
Beam Divergence	1.0mrad (full angle)			1.2mrad (full angle)		
Scanning System	35Kpps@8°, Max Scan angle 60°			30Kpps@8°, Max Scan angle 60°		
Compliant With	CE, FDA					CE
Wavelength	R:638nm G:525nm B:455nm					
Laser Module Driver	Linearix™ Intelligent linearity digital driver (linearity>99%)					
Power Supply	AC100-240V 50/60Hz					
Analogue Modulation	100k Analog/TTL					
IP Level	IP66					
Work Temp.	-20-45℃					
System Control	Ethernet, DMX, Auto, SD card, Sound, FB4 (optional)					
Safety Features	Safety Switch Key, Remote Emergency Stop System (can be connected in daisy chain), emission delay, Top cover interlock etc.					