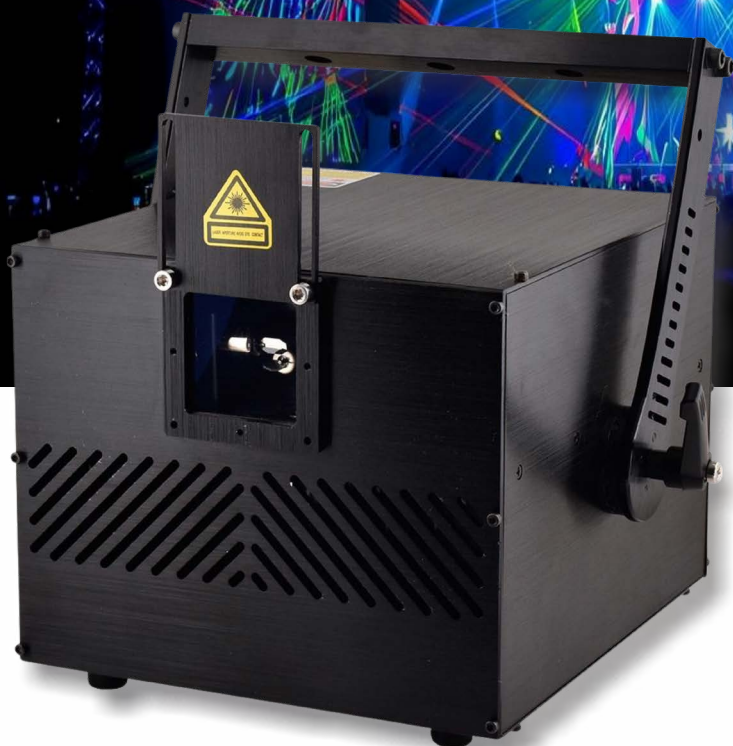


LASER-5FB4

5-Watt Full-Color
RGB Laser Projector

VAL lighting

Technologie Die Verbindet



OVERVIEW

The VAL LASER-5FB4 is a professional 5-watt full-color RGB laser projector designed for high-end stage, club, and touring applications. Powered by a semiconductor laser engine and integrated FB4 control system, it offers precision beam rendering, smooth analog color mixing, and full compatibility with DMX512, ILDA, Art-Net, and SD-card standalone modes. Its compact, durable chassis with intelligent cooling ensures stable performance during long-duration events.

KEY FEATURES

- True full-color RGB semiconductor laser with 5 W combined output
- Integrated FB4 for Ethernet, ILDA, and DMX512 control
- 25 Kpps high-speed scanning with $\pm 20^\circ$ optical angle
- Analog modulation for smooth and vivid color blending
- **Multi-mode operation:** FB4/ILDA, DMX512, Sound, Auto, Master-Slave
- Fan-assisted thermal management for reliability
- Ideal for clubs, touring, fixed installations, and laser show systems

APPLICATIONS

- Stage and concert lighting
- Clubs and nightlife venues
- Laser graphics and logo projection
- Multimedia shows and themed installations
- Touring and event rentals

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SPECIFICATIONS

Model	LASER-5FB4
Voltage	AC 90 – 240 V 50/60 Hz
Total Power Consumption	150 W
Laser Source	Semiconductor RGB laser generator
Laser Power Output	R 1000 mW @ 638 nm / G 2000 mW @ 520 nm / B 2000 mW @ 445 nm
Modulation Type	Analog
Scanning System	25 Kpps high-speed motor
Scanning Angle	±20°
Control Modes	FB4 (Ethernet/Art-Net/SD/DMX512/ILDA)
Control Channels (DMX)	12 CH / 19 CH
Linear Distortion	< 2 %
Cooling System	Intelligent fan cooling
Working Environment	Indoor
Net Weight	4.8 kg
Gross Weight	5.5 kg
Dimensions (Inner Carton)	35 × 28 × 26 cm
Dimensions (Outer Carton)	59 × 37 × 29 cm (2 pcs/ctn)