LASER-15FB4

15-Watt Full-Color
RGB Laser Projector

VAL lighting

Technologie Die Verbindet

OVERVIEW

The VAL LASER-15FB4 is a professional 15-watt full-color RGB laser projector engineered for large-scale stage, outdoor, and touring applications. Featuring a powerful multi-wavelength semiconductor laser engine and integrated FB4 control system, it provides seamless operation via Ethernet, ILDA, Art-Net, DMX, and stand-alone modes. With its 45 Kpps high-speed galvanometer scanning system, ultra-smooth analog modulation, and IP65-rated design, the VAL LASER-15FB4 delivers stunning clarity, precise graphics, and long-term reliability even in challenging environments. This model represents the pinnacle of VAL Lighting's professional laser technology — combining power, precision, and control in a rugged form factor.

KEY FEATURES

- Full-color 15 W RGB laser output for large-scale performances
- Integrated FB4 control supporting Ethernet / ILDA / Art-Net / DMX512 / SD playback
- 45 Kpps high-speed scanning for smooth beam tracking and animations
- Analog modulation for accurate color blending and transitions
- IP65-rated enclosure for reliable indoor or outdoor operation
- Multi-mode control: ILDA, DMX, Sound, Auto, Master-Slave
- Heavy-duty construction with forced fan cooling for continuous operation
- Ideal for stadiums, festivals, architectural shows, and high-end touring rigs

APPLICATIONS

- Large-scale concerts and festivals
- Outdoor projection and mapping shows
- Touring and rental productions
- Theme parks and architectural lighting
- Immersive multimedia environments

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SPECIFICATIONS

Model	LASER-15FB4
Power Supply	AC 90 – 240 V, 50/60 Hz
Rated Power Consumption	< 400 W
Laser Source	Semiconductor RGB laser generator
Laser Power Output	15 W (R/G/B full-color)
Wavelengths	R: 635–655 nm / G: 532 nm / B: 450 nm
Laser Color	Full color (RGB)
Modulation Type	Analog
Scanning System	45 Kpps high-speed galvanometer
Control Modes	FB4 (Ethernet / ILDA / DMX512 / Art-Net / SD)
Cooling System	Forced fan cooling
Working Environment	IP65-rated, 10–35% humidity
Packaging Size	44 × 41 × 33 cm
Gross Weight	14 kg

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