CR PHOTOELECTRIC TECHNOLOGY CO.,LTD

10th

Reliable Quality
10 Year's Experience

WHAT IS POWER

Power-N, innovated by the CR-LASER, with new 3D effect and other multi-effect, is impacting the traditional laser market thoroughly, which will make CR-TEC stands in the very front-end of the laser field. This product combines five different laser effect in one unit, providing you incomparable pleasure and show.

Today's achievement is just the starting of tomorrow.

POWER—N

0755-27192285/86/87/89 www.cr-tec.com

PRODUCT FEATURES

Intelligent Technology

Technological innovation helps simplify control and operation. CR-LASER takes advantage of the intelligence to design an intelligent control system, showing the humanism.

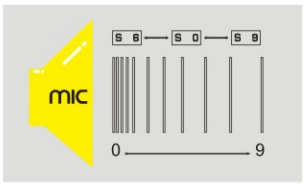
Digital control for laser alignment

Due to current stepping motor technology and multi-effect gobo wheel system, output laser beam might miss the central aperture alignment. CR-LASER has developed a digital alignment system to replace the former troublesome manual adjustment:

Simply, keep pressing the four button of LED display control panel and turn on laser power; Then, access the "SHE" model and use the up and down bottoms to adjust position. Press the "enter" bottom to save the setting.

Sound sensibility digital setting

When the machine is in sound activated mode, you can use the up and down bottom, from 0 to 9, to adjust the sensibility for sound. This design can avoid the problems causing by the knob and let you set the sensibility by yourself.



Intelligent technology is to satisfy your feelings.

Intelligent technology makes the operation more comfortable. Except the slave model, you only need to long press the on-off key to activate the IR remote mode. (Note: Power series don't have this function.)

Intelligent Switching for ILDA Signal

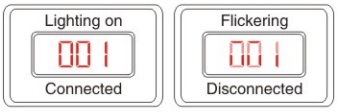
After being connected with ILDA laser software, the device can automatically detect whether it is connected with the ILDA software or not. If it is correct, the device will switch to ILDA model, controlled by the ILDA software.

All in One Design

Complete system was design in one SMD main board, ALL IN ONE. The 1T-high-speed 8051 core chip makes the programs work smoothly and reliably.

Self detecting for DMX signals

Power-N can automatically check whether the DMX signal is connected. When there is no DMX signal or the console is not working, the laser light will shut down and the LED display panel will keep on flickering until the signal is connected.



PRODUCT FEATURES

Security Protection

lock switch / remote switch

KEY

Only authorized operator can operate the laser with key lock, forbidding people to use it without permission.

InterLock

When faced with the inestimable situations, including all the electronic security protections break down, remote interlock is the most solid defense. Operation staff can use the remote control, shutting down the low voltage, to turn down laser light.

It is better to prevent the issues before they occur. CR-LASER adds the passive protection device, professional open lock and remote security lock, to ensure the safety.

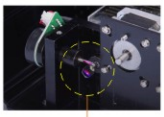
handle design

SAFETY

If the installation handle loses its function when screws slipping down, the safety lifting ring and its wire rope can act as the last defense line to protect people from being hurt.

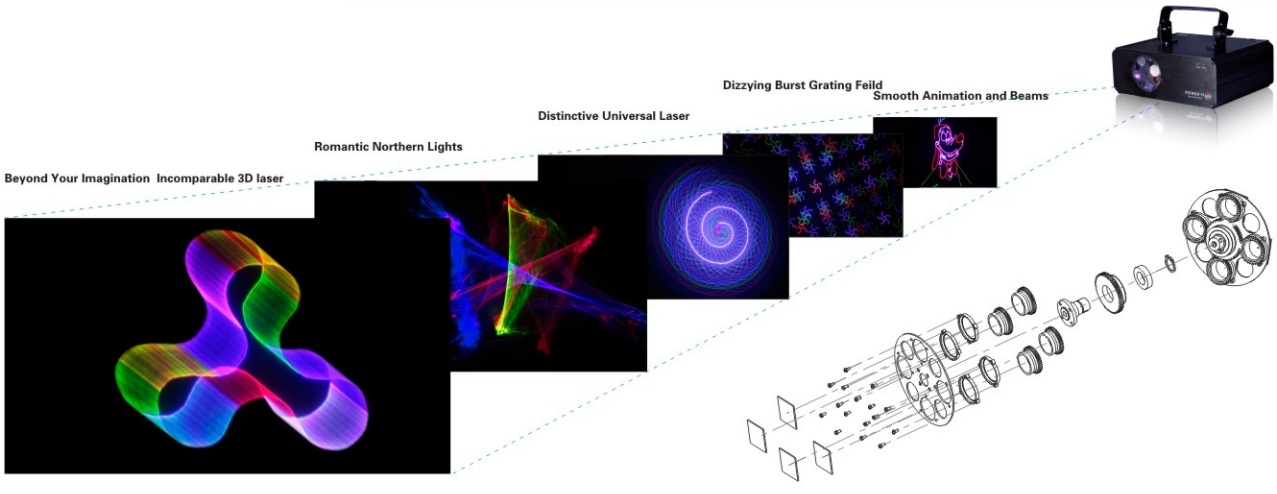
Double-fastened handle not only makes the hanging adjustment easy, but also guarantees the safety and reliability.

laser protection



CR-LASER has designed active scanner protection system to realize total security. If the two shafts of the scanner vibrate less than 3 degrees divergency, a dedicated hardwire chip will cut off the laser light actively to avoid the solid beam laser.

beyond your imagination



Focus on Perfection, Go for perfection.

Every unit is well-designed and rigorous assembled with 24 hours QC testing.

EXCELLENT QUALITY

Our effort is coloring your world.

Quality is not only the self test about perfection for us, but also the trust and accompaniment in everyday life for you.

CR-LASER Quality is an integration of staff quality and process quality. It reflects in all her business operations like product design, management, inspection, sales and after–sales service. During their daily work, employees are taking different kinds of effort and management methods to obtain higher quality, improvement and best possible optimized status.

POWER–N specifications

Dimensions and Weight	Length	Width	Height	Weight
	270mm	290mm	202mm	4.2Kg
power	Power Supply Type	Range		Voltage Selection
	Switching (internal)	100-240V 50/60Hz		Auto-ranging
	parameter	230V,50Hz		
	Consumption	50W		
	Working	0.2A		
	Fuse	T1A,250V		
Light source	Type	Power		
	Class 3B Laser Diedes	Varied(see below)		
	Quantity/Color	power		Wavelength
	1/Red	100mW		638nm
	1/Green	80mW		532nm
	1/Blue	300mW		450nm
Photo Optic	Parmeter			scanner Speed
	Zoom angle	1-36°		25K
Working condition	Maximum External Temp.	Cooling System		
	104°F(40℃)	Fan		
External Controller	I/O Connectors	Connector Type		Channel Range
	(DMX)3-Pin XLR	Sockets		1-19
	(ILDA)DB25	Serial		1-2
Internal Controlle	Auto	Sound		
	Six laser effects	Six laser effects		
Order information	Model	Item No.		
	POWER-N	70014012		

POWER–N fittings

25K scanner (11310009)

120mW 638nm Red CW (14000801)

300mW 450nm Blue CW (14000201)

80mW 532nm Green CW (14000503)

Rotaty Grating (31903000)