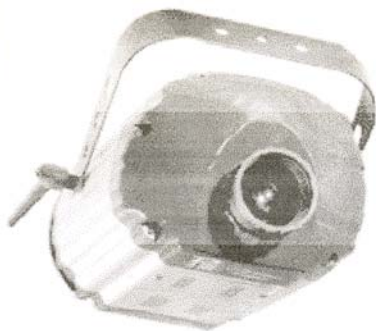# DJ Pro Series

Nova

PR-2013D

Technical Data

VOLTAGE: 220/230V AC 50Hz
100/120/200/240V AC 50 or 60Hz to order.

POWER CONSUMPTION: 280W @ 220V

LAMP: MSD250W
Colour temperature: 6700°K
Socket: GY9.5
Manufacturers Rated Lamp Life: 2000 Hours

COLOURS:
9 Dichroic colours plus white and rainbow effect

GOBOS:
1 wheel with various apertures for "iris" effect plus
2 extra dichroic colour filters and 4 gobo patterns.
1 slot for manual gobo or frost filter placement.
1 colour temperature correction filter (6000°K) supplied.

FROST: manually insertable filter supplied.

FOCUS: manual focus adjustment,

BEAM ANGLE: 2 lenses supplied for 20° and 13° beams.

SHUTTER/STROBE:
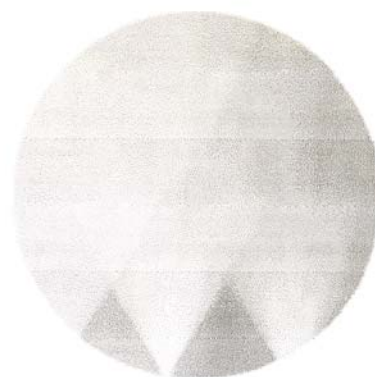2 blade shutter for dimming, blackout and strobe 1 – 7 F.P.S.

CONTROL:
DMX: 3 Channels.
Automatic mode with Master/Slave operation and sound activation.

MOTORS: 4 Stepper motors

HOUSING: Composite plastic (IP20)

DIMENSIONS:
410 mm LONG x 320mm WIDE x 265mm HIGH (inc. bracket)
WEIGHT: 9.8Kg.

PACKED DIMENSIONS:(4 units per carton)
665mm LONG x 485mm WIDE x 535mm HIGH
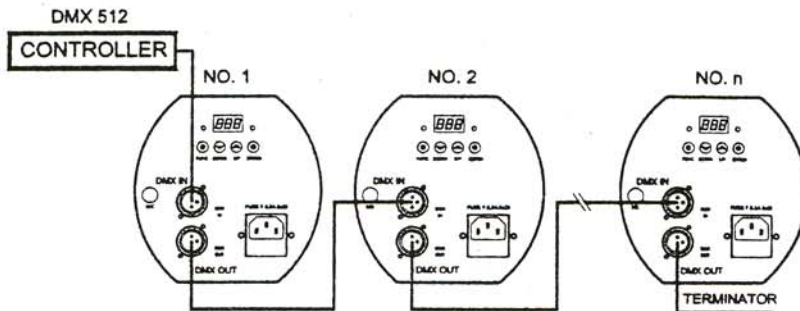PACKED WEIGHT: 43.4Kg.

CONTROLLER MODE - DMX 512 OPERATION

Each NOVA must be given a DMX start address so that the correct projector responds to the correct control signals. This DMX start address is the channel number from which the projector starts to "listen" to the digital control information being sent out from the controller. The NOVA has 3 channels, so set the No. 1 projector's address 001, No. 2 projector's address 004, No. 3 projector's address 007, No. 4 projector's address 010, and so on.

Certainly, you may use formulation: address=channels x (projector No −1) +1

For example, for the No. 4 projector's start address, you should calculate according to formulation: 3 x (4 − 1) +1 = 19, So you set the No. 4 projector start address 019.

Connect the controller's output to the first fixture's input, and connect the first fixture's output to the second fixture's input. The rest may be deduced by analogy. Eventually connect the last fixture's output to a DMX terminator as shown in the figure below.

In Controller mode, the red LED indicator blinking means the projector is receiving the DMX 512 signal normally.

DMX CONTROL CHANNEL FUNCTIONS

CHANNEL	DMX VALUE	DESCRIPTION
1 Colour	0 - 17	White
	18 - 35	Light red
	36 - 53	Yellow
	54 - 71	Orange
	72 - 89	Blue
	90 - 107	Green
	108 - 125	Cyan
	126 - 143	Light purple
	144 - 161	Pink
	162 - 177	Light green
	178 - 255	Colour wheel movement in clockwise or anti-closewise direction from slow to fast
2 Gobo	0 - 25	Open / Clear
	26 - 51	GOBO 1
	52 - 77	GOBO 2
	78 - 103	GOBO 3
	104 - 129	GOBO 4
	130 - 155	GOBO 5
	156 - 181	GOBO 6
	182 - 207	GOBO 7
	208 - 233	Clear / Green
	234 - 255	Clear / Cyan
3 Shutter/Strobe	0 - 12	Black-out
	13 - 99	Dimmer in linear movement
	100 - 127	Open
	128 - 251	Strobe adjust from slow to fast (1 to 7 flashes per sec.)
	252 - 255	Open