

PULSE



Mini LED Pin Spot Light

Model: PLS00571

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

- When using electrical appliances basic safety precautions should always be followed.
- Check the product before use for any damage. Should you notice any damage on the cable or casing, do not use.
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the product to the power supply.
- Keep this product away from rain and moisture.
- Caution: Never look directly into the light source.
- Always disconnect from power when the product is not in use or before cleaning.
- Do not operate or store in an environment of high humidity or where moisture may enter the product as this can reduce insulation and lead to electric shock.

Safety Information for Installation and Operation

- When installing, make sure that the product is not exposed to extreme heat, moisture or dust.
- If you're using a smoke machine, make sure that the product is never exposed to the direct smoke jet and is installed at least 1.5' away.
- The ambient temperature must always be between 23°F and 113°F. Keep away from air-conditioning units and heaters.
- The relative humidity must not exceed 50% with an ambient temperature of 113°F.
- This product must only be operated in an altitude between -65' and 6560' above sea level.
- The minimum distance between the light-output and the illuminated surface must be more than 1.5'.
- This product is allowed to be installed via a mounting bracket. In order to have sufficient ventilation, leave 20" of free space around the device.
- The housing must not touch any surrounding surfaces or objects.
- Operate the product only after having familiarized yourself with its functions. Do not allow operation by persons unqualified.
- A secondary means of suspension must be provided, such that in the event of a failure of the primary suspension, no part of the luminaire can fall.
- The operator must make sure that safety related matters are observed and that the installation is approved by a qualified installer before taking into operation for the first time.

MENU FUNCTION SETTINGS

Number	Display	Function
1	<i>ADD 1</i>	DMX512 (enter-switch to channel choose)
2	<i>RUN X</i>	Operational model choose X (sound control)
3	<i>CoLoR</i>	Color dimmer (enter-switch different color)
4	<i>LEOn / LoFF</i>	Dighton free or close - when operating the display light is open
Specific Settings		
RUN x	<i>RUN 0</i>	Clear
	<i>RUN 1</i>	4 color hop change
	<i>RUN 2</i>	Red base, other 3 hop change
	<i>RUN 3</i>	Green base, other 3 hop change
	<i>RUN 4</i>	Blue base, other 3 hop change
	<i>RUN 5</i>	White base, other 3 hop change
	<i>RUN 6</i>	4 color gradual slow change
	<i>RUN 7</i>	Blue white gradual change
	<i>RUN 8</i>	Red green gradual change
	<i>RUN 9</i>	Red blue gradual change
	<i>RUN a</i>	Blue green gradual change
	<i>RUN b</i>	Seven color gradient
	<i>RUN c</i>	Seven color jump to change
	<i>SOU 1</i>	Voice control jump + stroboscopic
	<i>SOU 2</i>	Voice control jump
	<i>SOU 3</i>	Voice control stroboscopic
Color	R x x x	0~255, from dark to bright
	G x x x	0~255, from dark to bright
	B x x x	0~255, from dark to bright
	Y x x x	0~255, from dark to bright

BUILDING A SERIAL DMX CHAIN

- Note: the DMX-output of the first fixture in the DMX chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.
- Maximum recommended serial data link distance: 1640ft
- Caution: At the last fixture, the DMX-cable has to be terminated with the terminator. Solder a 200Ω resistor between Signal (-) and Signal (+) into a 3-pin XLR plug and plug it into the DMX output of the last fixture.

DMX MASTER-SLAVE MODE

- If you are using a controller with this fixture, you can connect the DMX-output of the controller directly with the DMX-input of the first fixture in the DMX chain. If you wish to connect a DMX-controller using other XLR socket types you need to use an adapter cable.

DMX CONTROLLER MODE

- Other LED lights operating as slaves will work synchronously when connected in a chain using DMX cables.

DMX ADDRESS SETTINGS

- Each light should be set with a particular starting address code. According to the actual requirements, users can either set multiple lamps with the same address code, or set each lamp with an independent address code.
- Setting multiple lamps with the same address code means all connected lamps will be controlled together.
- Setting each lamp with a different address code means the next light's DMX address is dependent on the light's DMX channels.
- This product has 6 DMX channels. For example the DMX address for the first light is 1, the DMX address for the second light should be 7 ($1+6 \times 1$), the DMX address for the third light should be 13 ($1+6 \times 2$) and so on.

DMX 6 CH Mode Channel		
CH	Number	Function Description
CH1	0-8	Off
	9-134	Dimmer
	135-239	Strobe
	240-255	Combined with CH2/CH3/CH4/CH5 channel for red, green, blue, white brightness control
CH2	0-255	Red linear adjustment from dark to bright
CH3	0-255	Green linear adjustment from dark to bright
CH4	0-255	Blue linear adjustment from dark to bright
CH5	0-255	White linear adjustment from dark to bright
CH6	0-2	Channel 1-5 will work
	3-31	RUN 1
	32-63	RUN 2
	64-79	RUN 3
	80-95	RUN 4
	96-111	RUN 5
	112-143	RUN 6
	144-159	RUN 8
	160-175	RUN 9
	176-191	RUN a
	192-207	RUN b
	208-223	RUN c
	224-239	SOU1
	240-249	SOU2
	250-255	SOU3

CLEANING & MAINTENANCE

- Disconnect from power before starting the maintenance operation.
- Frequent cleaning is recommended. Use a soft lint-free moistened cloth.
- Do not use any chemicals, abrasives or solvents that could damage the device.
- There are no user-serviceable parts in this product. Refer all servicing to qualified personnel.

TECHNICAL SPECIFICATION

Power supply	AC100-240V, 50/60Hz
Power consumption	15W
Light source	10W (RGBW 4 in 1) LED
Color temperature	6000-6500k
Beam angle	4°
Control panel	4 digital LED display figures
Control mode	sound activation, auto, DMX-512
DMX channels	6 CHs
Dimmer	0-100% with regulated constant color control
Strobe	Electronic strobe with pulse and random effects. 10 flashes per second.
Working environment	32°F to 104°F
Dimensions	5.3" x 3.1" x 4.7"
Net weight	0.6 lbs.



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.



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