DOTZ PAR

User Manual

Intertek
4010765

Rev 04/2021

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Europe Energy Saving Notice
Energy Saving Matters (EuP 2009/125/EC)
Saving electric energy is a key to help protecting the enviroment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

Unpacking: Thank you for purchasing the Dotz Par by ADJ Products, LLC. Every Dotz Par has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event that damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Introduction: The Dotz Par is part of ADJ's continuing pursuit for creating high quality affordable intelligent fixtures. The Dotz Par is a high performance, DMX intelligent, moving head LED fixture. This fixture is a great piece for retail stores, displays, mood, architectural, interior and exterior decoration, and clubs. This unit can be used as a stand alone unit or in Primary/Secondary configuration. The unit can also be controlled via DMX controller. This fixture is suitable for theaters, studios, retail stores, and other similar locations.

Customer Support: ADJ Products, LLC provides a customer support line, to provide set up help and to answer any questions that may arise during initial set up or operation. You may also visit us on the web at www.adj.com for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

Voice:	(800) 322-6337
Fax:	(323) 582-2941
E-mail:	support@adj.com

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event that your unit may require service, please contact ADJ Products, LLC.

PLEASE recycle the shipping carton whenever possible.

Dotz Par General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit for future reference.

Dotz Par Features

- RGB Color Mixing
- Strobing
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- Four DMX Modes: 3 Channel Mode, 4 Channel Mode, 5 Channel Mode, & 9 Channel Mode,
- 4 Operating Modes: Sound Active, Auto Run, Built-In Programs, or DMX Control
- Power Cord Daisy Chaining (see ***Power Cord Daisy Chain*** section of this manual)

Dotz Par Warranty Registration

The Dotz Par carries a 2 year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase and warranty. You may also register your product online at www.adj.com. All returned service items, whether under warranty or not, must be freight pre-paid and accompanied by a return authorization (R.A.) number. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Please contact ADJ Products, LLC customer support for an R.A. number.

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- Be sure that the power outlet matches the required voltage for your unit.
- Do not attempt to operate this unit if the power cord is frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user erviceable parts inside.
- Never operate this unit with the cover removed.
- Never plug this unit in to a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit if it has been damaged in any way.
- This unit is intended for indoor use only. Use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in a safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point at which they exit from the unit.
- Cleaning - The fixture should be cleaned only as recommended by the manufacturer. See the ***Cleaning*** section of this manual for cleaning details.
- Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  A. The power-supply cord or the plug has been damaged.
  B. Objects have fallen onto, or liquid has been spilled into, the appliance.
  C. The appliance has been exposed to rain or water.
  D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Power Supply: The ADJ Dotz Par contains an automatic voltage switch, which will automatically sense the voltage when it is plugged into the power source. With this switch, there is no need to worry about the correct power voltage, and this unit can be plugged in anywhere.

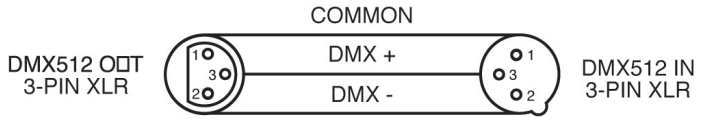
DMX-512: DMX is short for Digital Multiplex. This is a universal protocol that is used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

DMX Linking: DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when linking several DMX fixtures. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example, a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line: at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Data Cable (DMX Cable) Requirements (For DMX and Primary/Secondary Operation): The Dotz Par can be controlled via DMX-512 protocol. The device features 4 DMX Channel Modes; please see the ***Channel Mode*** sections of this manual for the different modes. The DMX address can be configured using the control panel on the rear of the unit. Your unit and your DMX controller require an approved DMX-512 110 Ohm Data cable for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and lighting stores). Your cables should be made with a male XLR connector on one end of the cable and a female XLR connector at the other. Also remember that DMX cable must be daisy chained and cannot be split.

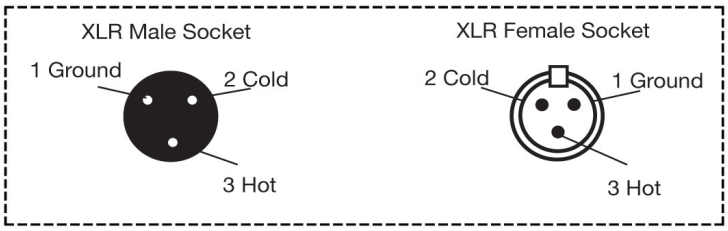
Figure 1

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come into contact with the XLR cable's outer casing. Grounding the shield could cause a short circuit and result in erratic behavior.



Termination avoids signal and interference. to connect 120 Ohm 1/4 and PIN 3

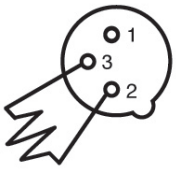
Figure 2



XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

Figure 3

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number **Z-DMX/T**) will decrease the chances of erratic behavior.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

5-Pin XLR DMX Connectors. Some manufacturers use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables into a 3-pin line, a cable adaptor must be used. These adaptors are readily available at most electronics stores. The chart below details a proper cable conversion.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

The LCD backlight will shut off after 30 seconds. To illuminate the background again, press the MODE button for 5 seconds.

DMX Mode - Set the DMX Address and DMX Channel Mode.

1. Press the MODE button until “AXXX” is displayed. “XXX” represents the currently used address.
2. Use the UP or DOWN buttons to change the DMX address.
3. After setting your DMX address, press ENTER. You can now select your desired DMX channel mode. Use the UP or DOWN buttons to find your desired DMX channel mode, then press ENTER to confirm your selection.
4. Next, select your dimmer curve setting. There are 5 available options. Select you desired dimmer curve setting, and press ENTER.
5. Lastly, you can set your NO DMX setting. This setting is a precaution setting. This setting is used in the event that the DMX signal is lost or interrupted. Press ENTER when you are finished to return to the DMX address setting.

Dimmer Curve - This setting will let you select your desired dimmer curve.

1. Press the MODE button until “AXXX” is displayed. “XXX” represents the current displayed address.
2. Press the SET UP button until “dcXX” is displayed, then press ENTER.
3. 1 of 5 dimming curve settings will be displayed: Standard, Stage, TV, Architectural, or Theatre. Use the UP and DOWN buttons to select your desired dimming curve and press ENTER to confirm. See the ***Dimmer Curve Chart*** section of this manual for detailed information.

NO DMX - This setting defines the behavior of the fixture in the event that the DMX signal is lost, interrupted, or power is lost. It also defines the default mode that the fixture will go into immediately after powering up.

1. Press the MENU button until “NO DMX” is displayed, and either “Sound”, “Black”, or “Hold” will be displayed beneath.
2. Press ENTER and the bottom line of text will begin to flash. Use the UP or DOWN buttons to choose an operating mode.
   - Sound - The unit will automatically go into sound active mode.
   - Black (Blackout) - The unit will automatically go into stand by mode.
   - Hold - The fixture will stay in the last DMX setting. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
3. Press ENTER to confirm your desired set up.

Secondary Mode - This will let you set your unit as a secondary unit in a primary/secondary configuration.

1. Press the MODE button until “Secd” is displayed. Your unit will now follow the Primary unit.

RGB Dimmer Mode - Select your desired color to remain static or adjust the RGB colors to create your desired color.

1. Plug the fixture in and press the MODE button until “Manual Dimmer” is displayed, and press ENTER.
2. When “r.XXX” is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity.
3. When “G.XXX” is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity.
4. When “b.XXX” is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity.

Color Macro - Select your desired color macro to remain static.

1. Press the MODE button until “C-XX” is displayed. “XX” represents the currently used macro number.
2. Use the UP and DOWN button to scroll through the 32 color macros until you find your desired color.

Built-In Programs - Select your desired Built-In program.

1. Press the MODE button until “P-XX” is displayed. “XX” represents the currently used program number. Use the UP and DOWN buttons to scroll through 7 different programs.
2. Press ENTER to move through the various adjustments of each program, and use the UP and DOWN buttons to make adjustments.

Sound Mode - In this mode the unit will run in sound active mode.

1. Press the MODE button until “Sound Mode” is displayed.
2. Use the UP and DOWN buttons to adjust the sound sensitivity. “0” is the least sensitive, and “30” is the most sensitive.

RF Active - This menu will let you activate the RF remote control.

1. Press the MODE button until “RFXX” is displayed, then press ENTER. “XX” represents the current setting, either “on” or “off”.
2. Use the UP or DOWN buttons to activate (On) or deactivate (Off) the remote.

Dotz Par — Universal DMX Control

Universal DMX Control: This function allows you to use a universal DMX-512 controller to control the chases and patterns, dimmer and strobe. A DMX controller allows you to create unique programs tailored to your individual needs. The Dotz Par has 4 DMX channel modes: a 3 Channel Mode, 4 Channel Mode, 5 Channel Mode, & 9 Channel Mode. See the ***Channel Mode*** sections of this manual for details.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.
2. To run your fixture in DMX mode, follow directions in the ***System Menu*** section of this manual to set your DMX address and DMX Channel mode.
3. Plug in the fixture via the XLR connections to any standard DMX controller.
4. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.

Dotz Par — Primary-Secondary Configuration

Primary-Secondary Operation: This function will allow you to link up to 16 units together and operate without a controller. The units will be sound activated. In Primary-Secondary operation, one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Primary or as a Secondary.

Using approved DMX data cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (primary) will use the female XLR connector only, and the last unit in the chain will use the male XLR connector only. For longer cable runs we suggest a terminator at the last fixture.
On the Primary unit, set your desired operating mode.
On the secondary units, press the MODE button until "Secd" is displayed.
The secondary units will now follow the primary unit.

The Dotz Par RF remote has many different functions and allows you to control your Dotz Par from a distance. Maximum range is 25 meters. To use the remote, you must first activate the fixture's receiver, as described in the ***System Menu*** section of this manual.

BLACKOUT - Pressing this button will blackout the fixture.

FADE - This button will activate the color fade program.

COLOR - This button will activate the static color mode. Use the "+" and "-" buttons to scroll through the colors and find your desired color.

PROGRAMS - This button will activate the built-in programs mode. Use the "+" and "-" buttons to scroll through the 13 programs and find your desired program.

SOUND ACTIVE - This button activates sound active mode.

AUTO RUN - This button will run an automatic program. Use the "+" and "-" buttons to adjust the speed of the auto run.

"+" and "-" - Use these buttons to adjust the speed of the Auto Run, scroll through the built-in programs, and scroll through the static colors.

Dotz Par — 3 Channel Mode

Channel	Value	Function
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%

Dotz Par — 4 Channel Mode

Channel	Value	Function
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	MASTER DIMMER 0% - 100%

Channel	Value	Function
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		MASTER DIMMER
	0 - 255	0% - 100%
5		DIMMER CURVES
	0 - 41	STANDARD
	42 - 84	STAGE
	85 - 127	TV
	128 - 170	ARCHITECTURAL
	171 - 213	THEATRE
	214 - 255	DEFAULT TO UNIT CURVE SETTING

Channel	Value	Function
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4	0 - 255	MASTER DIMMER 0% - 100%
5		COLOR MACROS
	0	OFF
	1 - 7	BASTARD AMBER
	8 - 15	MEDIUM AMBER
	16 - 23	PALE AMBER GOLD
	24 - 31	GALLO GOLD
	32 - 39	GOLDEN AMBER
	40 - 47	LIGHT RED
	48 - 55	MEDIUM RED
	56 - 63	MEDIUM PINK
	64 - 71	BROADWAY PINK
	72 - 79	FOLLIES PINK
	80 - 87	LIGHT LAVENDER
	88 - 95	SPECIAL LAVENDER
	96 - 103	LAVENDER
	104 - 111	INDIGO
	112 - 119	HEMSLEY BLUE
	120 - 127	TIPTON BLUE
	128 - 135	LIGHT STEEL BLUE
	136 - 143	LIGHT SKY BLUE
	144 - 151	SKY BLUE
	152 - 159	BRILLIANT BLUE
	160 - 167	LIGHT GREEN BLUE
	168 - 175	BRIGHT BLUE
	176 - 183	PRIMARY BLUE
	184 - 191	CONGO BLUE
	192 - 199	PALE YELLOW GREEN

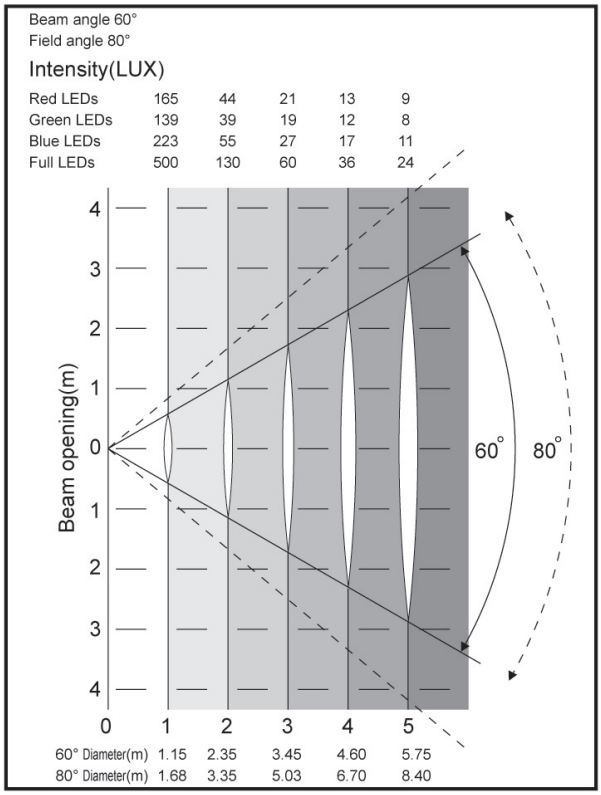
Channel	Value	Function
5		COLOR MACROS CONT.
	200 - 207	MOSS GREEN
	208 - 215	PRIMARY GREEN
	216 - 223	DOUBLE CTB
	224 - 231	FULL RED
	232 - 239	FULL GREEN
	240 - 247	FULL BLUE
	248 - 255	WHITE
6		PROGRAMS
	0	OFF
	1 - 20	COLOR FADE/CHANGE
	21 - 40	7 COLOR CHANGE
	41 - 60	7 COLOR FADE
	61 - 80	3 COLOR CHANGE
	81 - 100	3 COLOR FADE
	101 - 120	SOUND ACTIVE COLOR FADE
	121 - 140	SOUND ACTIVE COLOR CHANGE
	141 - 255	NOTHING
7		PROGRAM SPEED/SOUND SENSITIVE
	0 - 255	PROGRAM SPEED SLOW - FAST
	0 - 255	LEAST SENSITIVE - MOST SENSITIVE
8	1 - 255	STROBING SLOW - FAST
9		DIMMER CURVES
	0 - 41	STANDARD
	42 - 84	STAGE
	85 - 127	TV
	128 - 170	ARCHITECTURAL
	171 - 213	THEATRE
	214 - 255	DEFAULT TO UNIT CURVE SETTING

When Channel 5 is being used, Channels 1 - 3 are disabled.

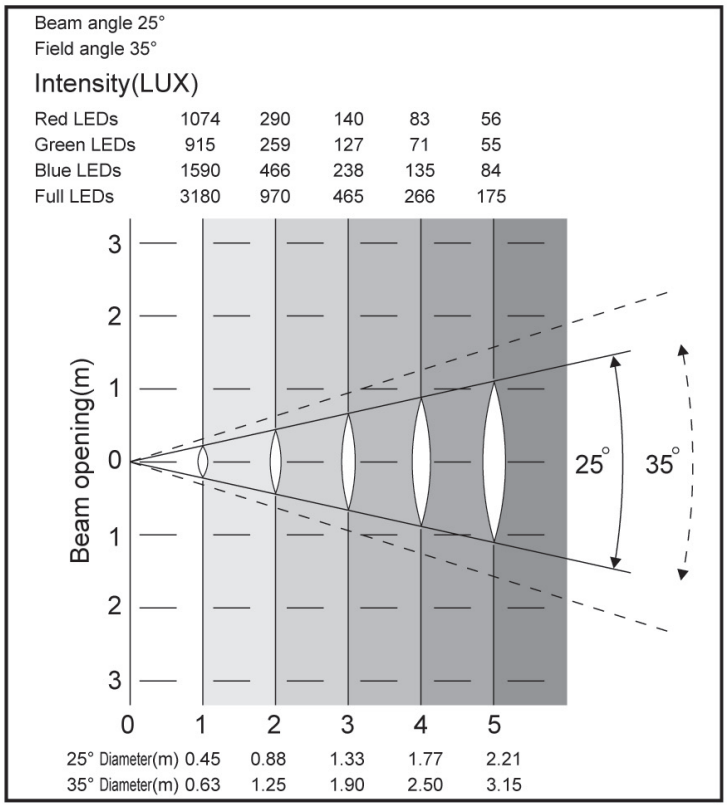
When Channel 6 is between the values of 1-100, Channel 7 will control the program speed.

When Channel 6 is between the values of 101-140, Channel 7 will control the sound sensitivity.

COLOR	RED	GREEN	BLUE
BASTARD AMBER	255	206	143
MEDIUM AMBER	254	177	153
PALE AMBER GOLD	254	192	138
GALLO GOLD	254	165	98
GOLDEN AMBER	254	121	0
LIGHT RED	176	17	0
MEDIUM RED	96	0	11
MEDIUM PINK	234	139	171
BROADWAY PINK	224	5	97
FOLLIES PINK	175	77	173
LIGHT LAVENDER	119	130	199
SPECIAL LAVENDER	147	164	212
LAVENDER	88	2	163
INDIGO	0	38	86
HEMSLEY BLUE	0	142	208
TIPTON BLUE	52	148	209
LIGHT STEEL BLUE	1	134	201
LIGHT SKY BLUE	0	145	212
SKY BLUE	0	121	192
BRILLIANT BLUE	0	129	184
LIGHT GREEN BLUE	0	83	115
BRIGHT BLUE	0	97	166
PRIMARY BLUE	1	100	167
CONGO BLUE	0	40	86
PALE YELLOW GREEN	209	219	182
MOSS GREEN	42	165	85
PRIMARY GREEN	0	46	35
DOUBLE CTB	8	107	222
FULL RED	255	0	0
FULL GREEN	0	255	0
FULL BLUE	0	0	255
WHITE	255	255	255

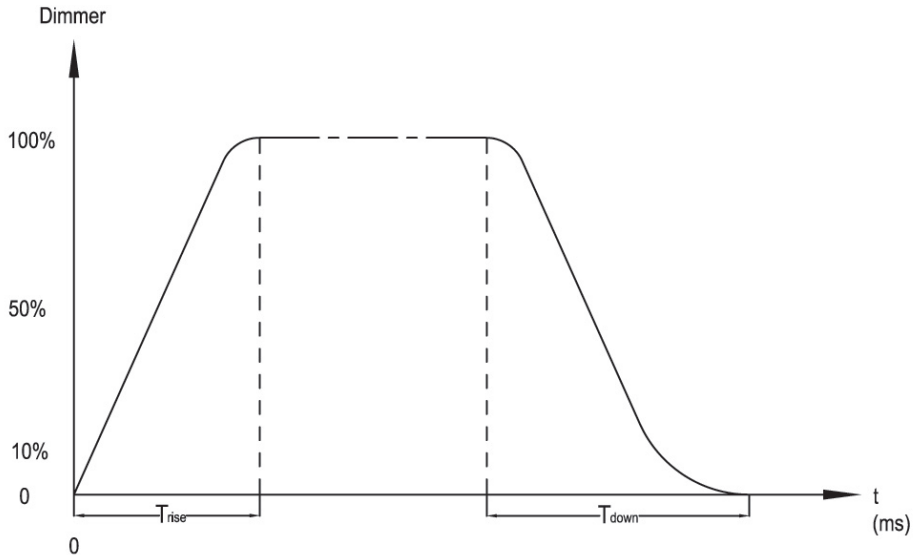


Lens Off



Lens On

Dotz Par Dimmer Curve Chart



Ramp Effect	0 255 0S (Fade Time)		0 255 1S (Fade Time)	
	T_{rise} (ms)	T_{down} (ms)	T_{rise} (ms)	T_{down} (ms)
Standard	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

Dotz Par Power Cord Daisy Chain

With this feature you can link fixtures together using the IEC input and output sockets.

The maximum number of units that can be linked in this manner is as follows:

- ***10 fixtures maximum for 120V power.***
- ***22 fixtures maximum for 230V power.***

Once this maximum number has been reached, a new power outlet must be used in order to accommodate additional fixtures.

All linked units must be of the same make and model type. DO NOT mix fixtures.

Dotz Par Fuse Replacement

Locate and remove the the power cord, then locate the fuse holder inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder has a built-in socket for a spare fuse, so be careful not to confuse the spare fuse with the active fuse.

Dotz Par Cleaning

Due to fog residue, smoke, and dust, cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

Use a soft cloth to wipe down the outside casing.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

Dotz Par Troubleshooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:
Check that the DMX cables are connected and wired correctly (pin 3 is “hot”; on some other DMX devices pin 2 may be ‘hot’). Also, check that all cables are connected to the right connectors, as the order in which the in[uts and outputs are connected can affect operation.

Unit does not respond to sound:
Quiet or high pitched sounds will not activate the unit.

If problems are not resolved, contact ADJ Products, LLC for service.
1-800-322-6337

MANUFACTURER'S LIMITED WARRANTY:

A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, you must obtain a Return Authorization number (RA#) before sending the product back—please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be prepaid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall incur no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because it was not properly maintained as set forth in the product instructions, guidelines and/or user manual.

D. This is not a service contract, and this warranty does not include maintenance, cleaning, or periodic checkup. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.

E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And all warranties, whether expressed or implied, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Product, LLC be liable for any loss and/or damage, direct and/or consequential arising out of the use of, and/or inability to use this product.

G. This warranty is the only written warranty applicable to ADJ Products, LLC products, and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- Non-LED Lighting Products = 1-Year (365 Days) (Including Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands, Power/Data Distribution, etc. excluding LED and lamps)
- Laser Products = 1-Year (365 Days) (excluding laser diodes which have a 6-Month Limited Warranty)
- LED Products = 2-Year (730 Days) (excluding batteries which have a 180 Day Limited Warranty)
- NOTE: 2-Year (730 Days) Limited Warranty ONLY applies to product purchased within the United States. StarTec Series = 1-Year (365 Days) (excluding batteries which have a 180 Day Limited Warranty)
- ADJ DMX Controllers = 2 Year (730 Days)
- American Audio Products = 1 Year (365 Days)

Model:	Dotz Par
Voltage:	100V~240V, 50Hz/60Hz
LEDs:	1 x 36W COB TRI LEDs
Power Draw:	36W
Beam Angle:	25 Degrees 60 Degrees (w/o Lens Cover)
Fuse:	2 Amp (125V) 1 Amp (250V)
Power Cord Daisy Chain:	10 Fixtures Max. (120V) 22 Fixtures Max. (230V)
Weight:	5 Lbs. / 2 Kgs.
Dimensions (w/o Bracket):	6.5” (L) x 4.5” (W) x 6.5” (H) 165mm x 114mm x 165mm
Dimensions (with Bracket):	8.25” (L) x 4.5” (W) x 8.75” (H) 209mm x 114mm x 222mm
Colors:	RGB Color Mixing
DMX Channels:	4 DMX Modes: 3, 4, 5, & 9 Channels
Working Position:	Any safe working position
Warranty:	2 Years (730 days)

Auto Sensing Voltage: *This fixture contains an automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.*

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

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