



DOTZ BAR I.4



User Manual

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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 environment. 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 Bar 1.4 by ADJ Products, LLC. Every Dotz Bar 1.4 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 Bar 1.4 is part of ADJ's continuing pursuit for creating high quality affordable intelligent fixtures. The Dotz Bar 1.4 is a high performance, DMX intelligent LED fixture. This fixture is suitable for retail stores, displays, mood, architectural, interior and exterior decoration, clubs, studios, theaters and other similar applications. This unit can be used as a stand alone unit, or in a Primary/Secondary configuration. The unit can also be controlled via DMX controller.

Customer Support: ADJ Products, LLC provides a toll free customer support line, to provide set up help and to answer any questions should you encounter problems during your set up or initial 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: (323) 582-2650
Fax: (323) 582-2941
E-mail: support@adj.com

To purchase parts online visit parts.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, doing so will void your manufacturer's warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

PLEASE recycle the shipping carton when ever possible.

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 Bar 1.4**Features**

- RGB Color Mixing
- Strobing
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- Five DMX Modes: 3 Channel Mode, 6 Channel Mode, 8 Channel Mode, 12 Channel Mode, & 17 Channel Mode
- 4 Operating Modes - Sound Active, Auto Run, Built-In Programs or DMX Control
- Power Cord Daisy Chaining (see the ***Power Cord Daisy Chain*** section of this manual)

Dotz Bar 1.4**Warranty Registration**

The Dotz Bar 1.4 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 accompany 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 onto your unit.
- Be sure that the local 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 for any reason. There are no user serviceable 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 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 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 Bar 1.4 contains an automatic voltage switch, which will automatically sense the voltage when it is plugged into a power source. With this switch there is no need to worry about the correct power voltage, and this unit can be plugged in anywhere. Always use the power supply cord that is supplied with the unit.

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol 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 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 Operation): The Dotz Bar 1.4 can be controlled via DMX-512 protocol. The Dotz Bar 1.4 has 5 DMX Channel Modes. The DMX address is set on the rear panel of the Dotz Bar 1.4. 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 on 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 in contact with the XLR cable's outer casing. Grounding the shield could cause a short circuit and erratic behavior.



Figure 2

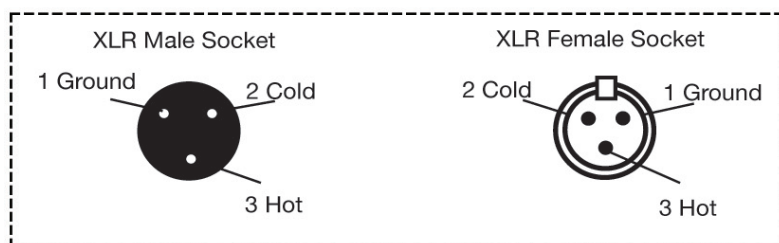


Figure 3

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

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 in to 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

BUILT-IN PROGRAMS

STATIC COLOR CL: RGB, Flash 00-99	Blackout, Red-Green-Blue-Yellow-Cyan-Purple-White Flash Speed Adjustable.
DREAM Speed 00-99, Flash 00-99	Seven color dreaming Speed & Flash adjustable
METEOR Speed 00-99, Flash 00-99	Seven color flow Speed & Flash adjustable
FADE Speed 00-99, Flash 00-99	Seven color fade Speed & Flash adjustable
CHANGE Speed 00-99, Flash 00-99	Seven color change Speed & Flash adjustable
FLOW 1 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 2 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 3 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 4 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 5 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 6 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 7 Speed 00-99, Flash 00-99	Seven color chase Speed & Flash adjustable
FLOW 8 Speed 00-99, Flash 00-99 C1: RGB, C2: RGB	Seven color chase Speed & Flash adjustable
FLOW 9 Speed 00-99, Flash 00-99 C1: RGB, C2: RGB	Seven color chase Speed & Flash adjustable

*The LCD backlight will shut off after 30 seconds of inactivity. 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 MENU button until “DMX Mode” is displayed with “ADDR: XXX” shown underneath, and press ENTER.
2. The address will now begin to flash. Use the UP and DOWN buttons to find your desired DMX address, then press ENTER.
3. “CH.XX” will now begin to flash. Use the UP and DOWN buttons to find your desired DMX Channel mode, then press ENTER.

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

1. Press the MENU button until “Secondary Mode” is displayed.
2. Your unit will now follow the Primary.

Built-In Programs - See table of built in programs to find your desired program.

1. Press the MENU button until one of the Programs shown in the ***Built-In Programs Table*** is displayed. The displayed program depends on the device’s most recent setup.
2. Press ENTER to move through the various adjustments of each program, and use the UP and DOWN buttons to make adjustments.

Auto Run.

1. Press the MENU button until “Auto Run” is displayed, with “FQN:XX” will be displayed underneath. “XX” represents a 2-digit number.
2. Press ENTER and the number will begin to flash. Use the UP and DOWN buttons to adjust the amount of times you would like the program to cycle before changing to the next program. Press ENTER to confirm.

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

1. Press the MENU button until “Sound Mode” is displayed.
2. Press ENTER to adjust your sound sensitivity. When you press ENTER, the number next to “Sens” will begin to flash. Use the UP and DOWN buttons to adjust the sound sensitivity. Set to the desired sensitivity and press ENTER to confirm.
3. When you press ENTER the number next to “FQN” will begin to flash. Use the UP and DOWN buttons to adjust the amount of times you would like the program to cycle before changing to the next program. Press ENTER to confirm.

Dim Curve - This setting will let you select your desired dimming curve.

1. Press the MENU button until “Dim Curve” is displayed, and press ENTER.
2. 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.

Pixel Flip - In this mode you adjust the unit so that the LEDs in DMX mode will illuminate at your desired starting point. LEDs can be set to illuminate from right to left or from left to right.

1. Press the MENU button until “Flip” is displayed, and press ENTER.
2. Either “OFF” or “ON” will be displayed. “ON” will have the unit light up right to left. “OFF” will have the unit light up left to right. Use the UP or DOWN buttons to find your desired setting, and press ENTER.

NO DMX - This setting defines how the fixture will behave in the event that the DMX signal is lost or interrupted. It also defines how the fixture will behave when power is first connected.

1. Press the MENU button until “NO DMX” is displayed, and either “Sound”, “Auto”, “Black”, or “Hold” will be displayed beneath.
2. Press ENTER and the bottom choice will begin to flash. Use the UP or DOWN buttons to choose an operating mode you would like the unit to start up in when power is connected or the DMX signal is lost.
 - Sound - If the DMX signal is lost or power is connected, the unit will automatically go into sound active mode.
 - Auto - If the DMX signal is lost or power is connected, the unit will automatically go into Auto Run mode.
 - Black (Blackout) - If the DMX signal is lost or power is connected, the unit will automatically go into stand by mode.
 - Hold - If the DMX signal is lost the fixture will stay in the last DMX setting. If power is connected 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.

Persona - This will let you set your unit as a Primary in a primary-secondary configuration.

1. Press the MENU button until “Persona” is displayed. Your unit will now be the Primary unit in a Primary/Secondary configuration.

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 Bar 1.4 has 5 DMX channel modes; a 3 Channel Mode, 6 Channel Mode, 8 Channel Mode, 12 Channel Mode, & 17 Channel Mode. See the **System Menu** section of this manual for details on how to select the channel mode.

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. The DMX address and DMX channel mode can be configured here.
3. Plug in the fixture to any standard DMX controller via the XLR connections.
4. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.

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.

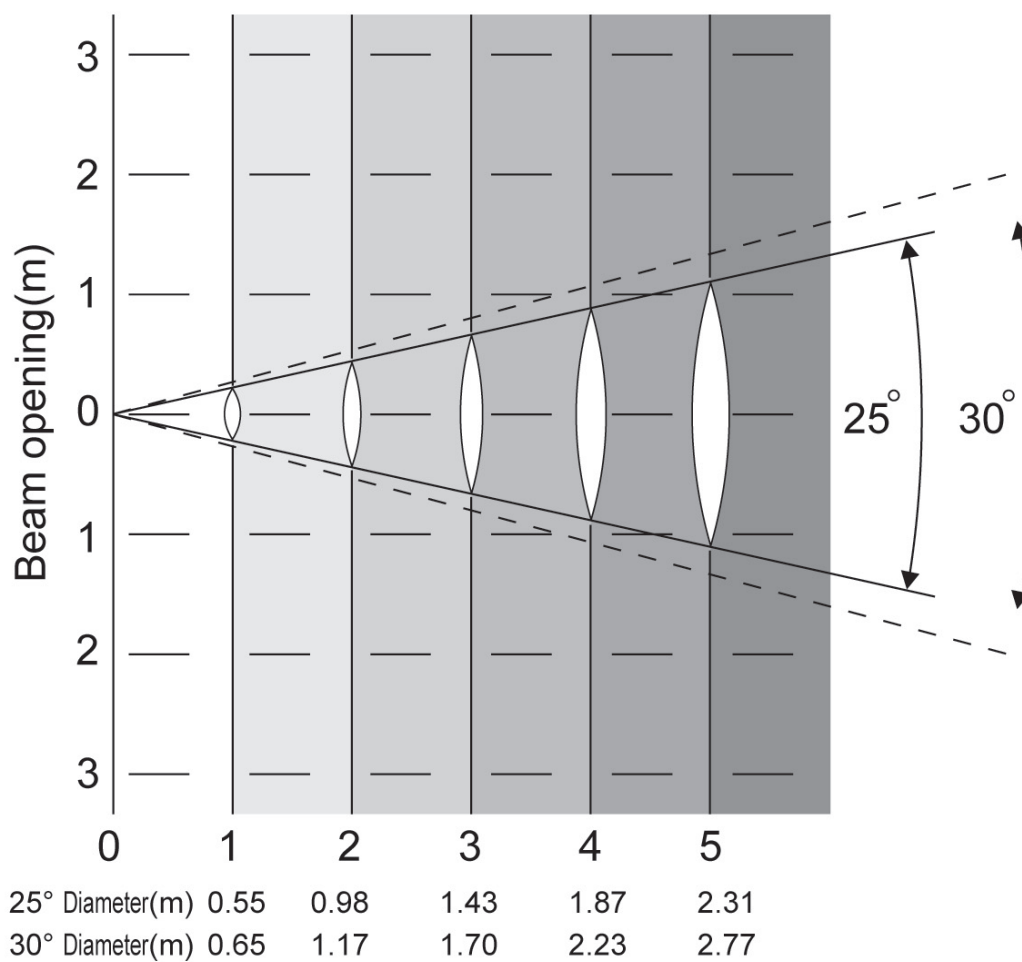
1. Using approved DMX data cables, daisy chain your units together via the XLR connectors on the rear of the units. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (primary) will use the female XLR connector only, and the last unit in the chain will use the male XLR connector only. The use of a terminator at the last fixture is recommended for longer cable runs.
2. On the Primary unit, designate the unit as a "Primary" unit. See the **System Menu** section of this manual for details. Set your desired operating mode.
3. On the secondary units, press the MODE button until "Secondary Mode" is displayed.
4. The secondary units will now follow the Primary unit.

Beam angle 25°

Field angle 30°

Intensity(LUX)

Red LEDs	417	109	52	30	21
Green LEDs	608	156	73	42	26
Blue LEDs	806	211	99	57	37
Full LEDs	1643	438	202	116	75



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

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%
5	0 - 255	STROBING SLOW - FAST
6	0 - 41 42 - 84 85 - 127 128 - 170 171 - 213 214 - 255	DIMMER CURVES STANDARD STAGE TV ARCHITECTURAL THEATER DEFAULT TO UNIT CURVE SETTING

Channel	Value	Function
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 15	COLOR MACROS & PROGRAMS
	16 - 23	NO FUNCTION
	24 - 31	RED
	32 - 39	GREEN
	40 - 47	BLUE
	48 - 55	RED & GREEN
	56 - 63	GREEN & BLUE
	64 - 71	RED & BLUE
	72 - 79	RED, GREEN, & BLUE
	80 - 87	COLOR 1
	88 - 95	COLOR 2
	96 - 103	COLOR 3
	104 - 111	COLOR 4
	112 - 119	COLOR 5
	120 - 127	COLOR 6
	128 - 135	COLOR 7
	136 - 143	COLOR 8
	144 - 151	COLOR FADE 1
	152 - 159	COLOR SNAKE
	160 - 167	COLOR FADE 2
	168 - 175	COLOR CHANGE
	176 - 183	COLOR FLOW 1
	184 - 191	COLOR FLOW 2
	192 - 199	COLOR FLOW 3
	200 - 207	COLOR FLOW 4
	208 - 215	COLOR FLOW 5
	216 - 223	COLOR FLOW 6
		COLOR FLOW 7

Channel	Value	Function
4	216 - 223	COLOR MACROS & PROGRAMS
	224 - 231	COLOR FLOW 7
	232 - 239	COLOR FLOW 8
	240 - 255	COLOR FLOW 9
5	0 - 255	SOUND ACTIVE
		PROGRAM SPEED/SOUND SENSE
6	0 - 255	PROGRAM SPEED SLOW - FAST
7	0 - 255	MASTER DIMMER 0% - 100%
8		STROBING
		SLOW - FAST
	0 - 41	DIMMER CURVES
	42 - 84	STANDARD
	85 - 127	STAGE
	128 - 170	TV
	171 - 213	ARCHITECTURAL
	214 - 255	THEATER
		DEFAULT TO UNIT CURVE SETTING

When Channel 4 is set between 136-239, Channel 5 will control the speed of the programs.

When Channel 4 is set between 240-255, Channel 5 will control sound sensitivity.

Channel	Value	Function
1	0 - 255	RED 1 0% - 100%
2	0 - 255	GREEN 1 0% - 100%
3	0 - 255	BLUE 1 0% - 100%
4	0 - 255	RED 2 0% - 100%
5	0 - 255	GREEN 2 0% - 100%
6	0 - 255	BLUE 2 0% - 100%
7	0 - 255	RED 3 0% - 100%
8	0 - 255	GREEN 3 0% - 100%
9	0 - 255	BLUE 3 0% - 100%
10	0 - 255	RED 4 0% - 100%
11	0 - 255	GREEN 4 0% - 100%
12	0 - 255	BLUE 4 0% - 100%

Channel	Value	Function
1	0 - 255	RED 1 0% - 100%
2	0 - 255	GREEN 1 0% - 100%
3	0 - 255	BLUE 1 0% - 100%
4	0 - 255	RED 2 0% - 100%
5	0 - 255	GREEN 2 0% - 100%
6	0 - 255	BLUE 2 0% - 100%
7	0 - 255	RED 3 0% - 100%
8	0 - 255	GREEN 3 0% - 100%
9	0 - 255	BLUE 3 0% - 100%
10	0 - 255	RED 4 0% - 100%
11	0 - 255	GREEN 4 0% - 100%
12	0 - 255	BLUE 4 0% - 100%
13	0 - 15 16 - 23 24 - 31 32 - 39 40 - 47 48 - 55 56 - 63 64 - 71 72 - 79	COLOR MACROS & PROGRAMS NO FUNCTION RED GREEN BLUE RED & GREEN GREEN & BLUE RED & BLUE RED, GREEN, & BLUE COLOR 1

Channel	Value	Function
13		COLOR MACROS & PROGRAMS
	80 - 87	COLOR 2
	88 - 95	COLOR 3
	96 - 103	COLOR 4
	104 - 111	COLOR 5
	112 - 119	COLOR 6
	120 - 127	COLOR 7
	128 - 135	COLOR 8
	136 - 143	COLOR FADE 1
	144 - 151	COLOR SNAKE
	152 - 159	COLOR FADE 2
	160 - 167	COLOR CHANGE
	168 - 175	COLOR FLOW 1
	176 - 183	COLOR FLOW 2
	184 - 191	COLOR FLOW 3
	192 - 199	COLOR FLOW 4
	200 - 207	COLOR FLOW 5
	208 - 215	COLOR FLOW 6
	216 - 223	COLOR FLOW 7
	216 - 223	COLOR FLOW 7
	224 - 231	COLOR FLOW 8
	232 - 239	COLOR FLOW 9
	240 - 255	SOUND ACTIVE
14	0 - 255	PROGRAM SPEED/SOUND SENSE PROGRAM SPEED SLOW - FAST
15	0 - 255	MASTER DIMMER 0% - 100%
16	0 - 255	STROBING SLOW - FAST
17	0 - 41 42 - 84 85 - 127 128 - 170	DIMMER CURVES STANDARD STAGE TV ARCHITECTURAL

Channel	Value	Function
17		DIMMER CURVES
	171 - 213	THEATER
	214 - 255	DEFAULT TO UNIT CURVE SETTING

When Channel 13 is set between 136-239, Channel 14 will control the speed of the programs.

When Channel 13 is set between 240-255, Channel 14 will control sound sensitivity.

When installing the unit, the trussing or area of installation must be able to support at least 10 times the weight of the fixture without any deformation. The unit must be secured with a secondary safety attachment, such as an appropriately rated safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

This installation should be checked by a skilled person once a year.

The Dotz Bar 1.4 is fully operational in two different mounting positions: hanging upside-down from a ceiling or set on a flat level surface. To avoid internal damage to the unit, never mount the unit on its side. Be sure this fixture is kept at least 0.5m away from any flammable materials (decoration etc). Always use and install an adequately rated safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails. Never use the carrying handles for secondary attachment.

These fixtures are capable of being linked to one another using the IEC input and output sockets.

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

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

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

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

Dotz Bar 1.4

Fuse Replacement

Locate and disconnect the power cord. Once the cord has been disconnected, 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 active fuse.

Dotz Bar 1.4

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 Bar 1.4

Trouble Shooting

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. The way in which the inputs and outputs are connected can impact the operation of the fixture.

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 back the product—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 pre-paid. 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. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have 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 serial number has been 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 not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. 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.

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 no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. 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 Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

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:

- **Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobos, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 90-Day Limited Warranty**
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) and batteries which have a 180 day limited warranty).

MODEL:	Dotz Bar 1.4
Voltage:	100V~240V, 50Hz/60Hz
LEDs:	4 x 9W COB TRI LEDs
Power Consumption:	48W Total (All LEDs @ full intensity)
Beam Angle:	25 Degrees
Fuse:	2 Amp
Power Cord Daisy Chain:	10 Fixtures Max (120V) 22 Fixtures Max (230V)
Weight:	7 Lbs. / 2.8 Kgs.
Dimensions:	13.5" (L) x 5.75" (W) x 5.75" (H) 340 x 140 x 140mm
Colors:	RGB Color Mixing
DMX Channels:	3 Channel, 6 Channel, 8 Channel, 12 Channel, & 17 Channel Mode
Working Position:	Any Safe Working Position
Warranty:	2 Years (730 Days)

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

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

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