MEGALITE

DRAMA LED ZW200

USER MANUAL

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Check that the unit has not been damaged during transport

⚠️

Read all cautions and warnings prior to operation of this equipment

Protection Against Fire

Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
3. Replace fuse only with the specified type and rating.
4. Do Not install the unit to close to a heat source.
5. Make sure cable are properly secured away from unit movement.
6. Maximum surface operating temperature 104°.

Protection Against Fire

Electrical

1. Disconnect power before servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)
4. Do not expose unit to rain or moisture.

Protection Against Mechanical Hazards

Mechanical

1. Use safety chain when hanging unit.
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical shock.

Technical Information

Part Numbers

Fixture

7035-CW	Drama Z Wide Cool White 200 Cool White
7035-WW	Drama Z Wide Warm White 200 Warm White
7030-GH	Removable Gobo Holder (accessory included)
7030-JH	Removable Gel Holder (accessory included)

Mechanical Specifications

DMX Connectors: 3 and 5 pin XLR connectors in/out

Power Connections: Neutrik Power con In and Out

Power Cable: 4 Ft 7 Inch PowerCon to Nema 5-15 Cable

Thermal: Maximum ambient temperature 104°
Maximum surface temperature 140°

Display: Digital LED

Fastening System: Mounting Yoke

Fixture	Packaged for Shipping
Size: 25"L x 10.5"W x 16.16"H Weight: 22 lbs	Size: 31" X 12.5" X 12.5" Weight: 25 lbs

Electrical Specifications

LED Type: 1 COB LED

LED Watts: 200

LED Color Temp: CW= Cool White 5600K
WW= Warm White 3200K

CRI: ≥85Ra

LED AVG Lifetime: 60,000 to 100,000 hours

Zoom: Manual Zoom from 20º to 45º

Fan: Heat Pipe Cooling with low noise fan

Power Consumption: Universal 100 - 240V 50/60 Hz

Ballast: Electronic

Power Consumption Watts: 242
Amps: 2.12

Control & Programming

Protocol: DMX 512

DMX Channels: 2 Operating Modes

1 Channel Dimmer,
2 Channel Dimmer, Strobe

Operating mode: Stand alone 255 step Dimmer setting via display.
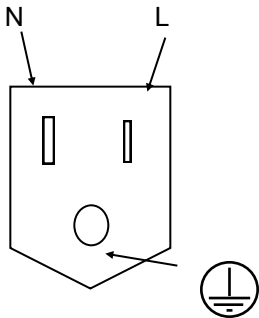
4
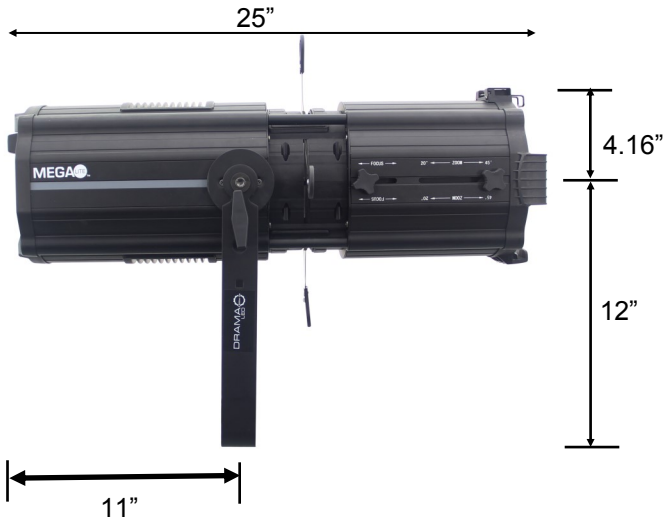
Main Power Connection

Caution!
1.   Do not connect fixture to a dimmer system.
2.   This unit has Auto switching power supply. It will respond to 110V or 220V automatically
3.   This unit must be earthed. (electronically grounded)
4.   Replace fuse only with the specified type and rating.
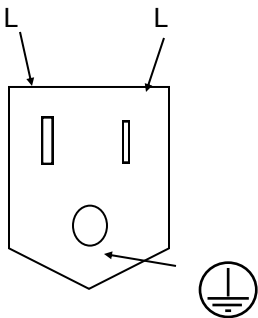
The occupation of the connection-cable is as follows:

This fixture is equipped with an electronic power supply that will let the unit operate from 100V to 240V from 50Hz to

| Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground	⏚	⏚

110V—Connection

220V—Connection
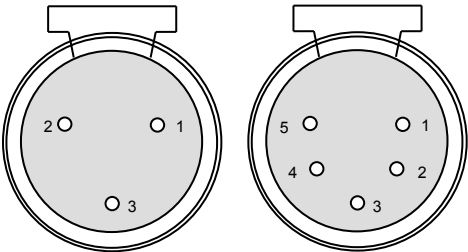

DMX-512 Connection
The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input
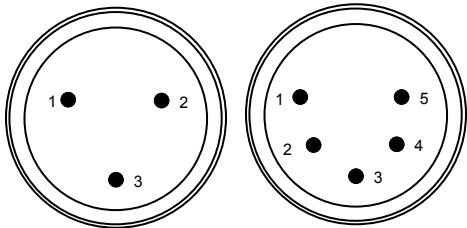
1. Shield
2. Signal (-)
3. Signal (+)
4. N/A
5. N/A

DMX—output

Caution!
At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available for purchase from your Mega-Lite dealer (P-DMXT).

DMX Profile

Drama Z 200 W Mode 1 CH

DMX Chanel	Function	Description	Value
1	Dimmer	LED intensity	0-255

Drama Z 200 W Mode 2 CH

DMX Chanel	Function	Description	Value
1	Dimmer	LED intensity	0-255
2	Strobe	No Function	0
		Strobe (slow to fast)	1-127
		Pulse On (slow to fast)	128-159
		Pulse Off (slow to fast)	160-191
		Random Strobe (slow to fast)	192-255

Main Control

The control board on the fixture base is your interface to access and control all the functions on the unit. It's digital display gives you a code view of the options and functions. The following will explain each function and its options.

ESC ENTER DOWN UP

```
Address
 001
```

This function allows you to set your DMX Start Channel. First make sure you have a proper DMX connection from your controller using the 3 or 5 pin XLR connection. If there is no DMX connection the red LED indicator will flash. If there is proper DMX connection the red LED indicator will be off.

To Set the DMX Start Channel press **Enter**. Use the **Down or Up** to select the desired DMX Start Channel and press **Enter** to confirm your setting.

```
 Reset
Function
```

To reset the fixture press **Enter**. Use the **Up or Down** for **Yes** or **No** press **Enter** to confirm your setting.

```
 Master
Function
```

This function allows the unit to output DMX signal to operate the same as the Master unit. All preset settings will be copied the other fixtures.

Press **Enter**. Use the **Up or Down** for **Yes** or **No** press **Enter** to confirm your setting.

Note: All other fixtures must be connected via XLR Connection. And must be put on DMX address Channel 001

```
 Perform
Function
```

This function allows the unit to activate the built in programs.

Press **Enter**. Use the **Up or Down** for **000,001** or **002** press **Enter** to confirm your setting.

You can record a scene by selecting the performance function you want to use from 0 to 2. Then accessing the **ManDim** function and setting the desired intensity then press **Enter** to confirm.

```
Channel
 Mode
```

The fixture was a capability to operate in 2 different modes of DMX control. Mode 1CH is Dimmer , Mode 2CH is Dimmer and Strobe

Press **Enter**. Use the **Up or Down** for **1CH** or **2CH** press **Enter** to confirm your setting.

```
ManDim
 000
```

This function let you set the Dimmer intensity via display.

Press **Enter**. Use the **Up or Down** from 000 to 255 press **Enter** to confirm your setting.

```
Version
 000
```

Operating Software

Rigging the fixture

Caution!
1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injures if you have doubts concerning the safety do not install.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When rigging the unit always be secured with a secondary safety attachment. The installation location of the projector has got to be built in the way that it can hold 10 times the weight for 1 hour with out any harming. Installation should be checked at least one time a year by a skilled person.

Cleaning and maintenance

Installation M**aintenance:** The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every 2 years.

The following points have to be considered during the inspection:
1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
3) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

Note: There is no serviceable parts inside the device except for the LED's. Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: Only replace the fuse with the same type and rating. F3.15AL250

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers or trained professional only.

Should you have further questions , please contact your dealer.

Parts List

7025-FAN	Large Replacement fan		7030-GH	Removable Gel Holder
7030-MPCB	Main PCB card		7030-GEH	Removable Gel Holder
7030-PS	Power Supply			
7030-DIS	Display			
7025-FB	Front Bessel Plastic Replacement			
7025-RB	Rear Bessel Plastic Replacement			
7030-FL	Front lens			
7025-KNOB	Knob Set			

Warranty Information

Warranty Conditions
-Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.

-LEDs are not guaranteed to match in color temperature or output.

-It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

-Goods returned under warranty must follow the proper authorization procedure and must be accompanied by a copy of the original invoice.

-Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical means of shipment.

-Repair or replacement as provided for under this warranty is the exclusive remedy of the consumer. MEGA SYSTEMS INC. makes no warranties, express or implied, with respect to any product, and Mega Systems specifically disclaims any warranty of merchantability or fitness for a particular purpose. Mega Systems shall not be liable for any indirect, incidental or consequential damage, including lost profit, sustained or incurred in connection with any product or caused by product defect or the partial or total failure of any product regardless of the form of action, weather in contract, tort (including negligence), strict liability or otherwise, and weather or not such damage was foreseen or unforeseen.

- Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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