

INDI
PAR RW300



USER MANUAL

Table of Contents	
Safety Information.....	3
Specifications.....	4
Main Power Connection.....	5
DMX-512 Connection.....	5
Main Control Menu.....	6
DMX Profile.....	8
Rigging the Fixture.....	9
Cleaning & Maintenance.....	9
Parts List.....	9

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 too close to a heat source.
5. Make sure cables are properly secured
6. Maximum surface operating temperature 140°.

Protection Against Electrical Shock



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. This unit is IP 65 rated (do not submerge unit into water)

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

7300- Indl Par RW300

Mechanical Specifications

DMX Connectors:	Neutrik 3 pin XLR NC3FXX-HD-D and NC3MXX-HD-D IP 67 connectors in and out
Power connection:	Weather Sealed Neutrik True Power NAC3FX-W Connections to Nema 5-15 adapter (included) Weather Covers for unused connections (included)
Thermal:	Maximum ambient temperature 104° Maximum surface temperature 140°
Fastening System:	Single Yoke
Display:	Digital
Lens Angle:	15°
Ip Rating:	IP65



Fixture	Packaging
Size: 13.12" x 11.85" x 5.75" Weight: 7lb	Size: 13.5" x 11.25" x 7.5" Weight: 8.75lb

Electrical Specifications

LED Quantity:	12 Tri Color LED's Red, Green, Blue	Power Input Voltage:	110V-240 50/60 Hz
LED Watts:	3W	Ballast:	Electronic auto switching
LED Lifetime:	40 to 80 thousand hours average	Power Consumption:	Watts: 57 Amps: .75
Refresh Rate:	6000 Hz	Wireless DMX:	Wireless solutions built in receiver

Battery Information

Charging Cycles:	300
Battery Life at Full:	8Hr average
Battery Life Colors:	12Hr average

Control & Programming

Protocol:	DMX 512
DMX Modes:	Mode 3 Channels R,G,B Mode 4 Channels Dimmer, R,G,B Mode 6 Channels Dimmer, R,G,B, Strobe, Macro
Control Options:	Display preset setting, Master Slave Function

Main Power Connection

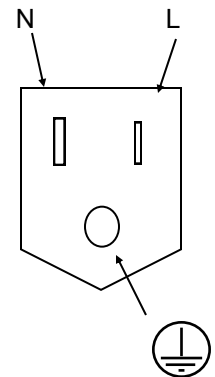
Caution!

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)

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 60Hz

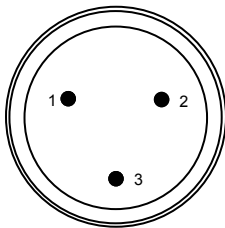
Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground		



DMX-512 Connection

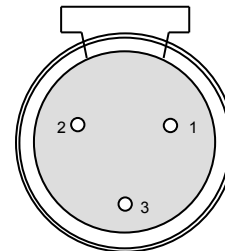
The fixture is equipped with Neutrik NC3FXX-HD and NC3MXX-HD IP 67 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input



DMX—output

1. Shield
2. Signal (-)
3. Signal (+)



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-DMX-T).

Display Menu

-Mega Lite-
Indi Par

DMX
001

To Set the DMX Start Channel press and hold the **Mode** Use the **▲ or ▼** to select the desired DMX Start Channel and press **Mode** to confirm your setting.

Chan Mod
3CH

To set the desired operational channel mode press and hold **Mode** Use the **▲ or ▼** to select the desired DMX profile operational mode from 3,4 or 6 and press **Enter** to confirm your setting.

Note: Operational mode are located on Page 8 of the manual.

Auto

This function will give you access to the Preprogramed Chases Press and hold **Mode**. Use the **▲ or ▼** to select the programed chase, press **Mode** to confirm your setting. Use the **▲ or ▼** to select the desired speed of the Chase from 1 to 15 press **Mode** to confirm

Color
Set

This function will give you access to set a color via display. Press and hold **Mode** Use the **▲ or ▼** to select the desired color. Press **Mode** use the **▲ or ▼** to select intensity from 0 to 255. You can repeat this process to get any color combination.

(Note) once color is set you can power up and the last color set will automatically come on.

Red
000

Green
000

Blue
000

Dimmer
Mode

This function will give you access to the LED Dimming curves. Press and hold **Mode**. Use the **▲ or ▼** to select the LED dimming operational curve from 0 that will not have a dimming time to 3 that will have the longest dimming time, press **Mode** to confirm your setting.

Battery

This function will give you access to check on the percentage of battery power available

Wireless Set

To Set the Wireless DMX press and hold the **Mode** Use the ▲ or ▼ to select the wireless DMX **on** or **off**.

Press the Function button from your Mega Air wireless transmitter.

Set the display on your fixture to the DMX screen and set the DMX start channel to the desired channel.

(note) If fixture is not connecting try to unlink transmitter by pressing and holding the function button on the transmitter until the connection button starts to flash. Then press the function button quickly to reconnect.

Slave

On Slave Mode the fixture will copy the functions on the Master unit.

(note) must be connected via DMX cable

Indi Par RW300 DMX Profile

3Ch

DMX Chanel	Function	Description	Value
1	LED Color	Red LED intensity	0-255
2	LED Color	Green LED Intensity	0-255
3	LED Color	Blue LED Intensity	0-255

4Ch

DMX Chanel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	LED Color	Red LED intensity	0-255
2	LED Color	Green LED Intensity	0-255
3	LED Color	Blue LED Intensity	0-255

6Ch

DMX Chanel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	LED Color	Red LED intensity	0-255
3	LED Color	Green LED Intensity	0-255
4	LED Color	Blue LED Intensity	0-255
5	Strobe	Strobe (slow to fast)	0-196
		Random Strobe (slow to fast)	197-255
6	Macro	No Function	0-1
		Color fade (slow to fast)	2-19
		Color Snap (slow to fast)	20-39
		Random (slow to fast)	40-59
		Yellow	60-79
		Purple	80-99
		Aqua	100-119
		Orange	120-139
		Red Pulse	140-159
		green Pulse	160-179
		Blue Pulse	180-199
		Yellow Pulse	200-219
		Aqua Pulse	220-229
		White Pulse	230-249
		White LED Full	250-255

Rigging the fixture

Caution!

1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injuries if you have doubts concerning the safety do not install.
3. Unit is to be 24 inches away from flammable materials (decoration material)
4. Use high quality installation equipment to hang unit.

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 fixture has got to be built in the way that it can hold 10 times the weight for 1 hour without any harming. Installation should be checked at least one time a year by a skilled person.

Cleaning and Maintenance

Installation Maintenance: The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every year.

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.

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

7300-LED	Replacement LED
7300-MPCB	Main PCB card
7300-PS	Power Supply
7300-DIS	Display
7300-LEDMOD	LED Module
7300-FG	Frontal Glass
7300-BAT	Replacement Battery
7220-KN	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 and Return Authorization Number given by MSI.
- 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, whether in contract, tort (including negligence), strict liability or otherwise, and whether 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.



Mega-Lite
5718 Kenwick St
San Antonio, TX 78238
Ph 210-684-2600 Fax 210-855-6279
www.mega-lite.com / info@mega-lite.com