PROFILE PANEL RGBA

User Instructions

DOCUMENT VERSION

Please check www.adj.com for the latest revision/update of this guide.

Date	Document Version	Software Version ≥	DMX Channel Mode	Notes
08/02/17	1	1.01	4/7/9/32	Initial Release

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 Profile Panel RGBA by ADJ Products, LLC. Every Profile Panel RGBA 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 has arrived intact. In the case 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 Profile Panel RGBA is part of American DJ's continuing pursuit for creating high quality affordable intelligent fixtures. The Profile Panel RGBA is a DMX intelligent LED stage panel/wash. This wash can be used in a stand alone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller. This wash has six operating modes: Sound Active mode, Built-In Program mode, Auto Run mode, Static Color mode, RGBA Dimmer mode, and DMX control mode.

Customer Support: ADJ Products, LLC provides a toll free customer support line, to provide set up help and to answer any question 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 9:00 a.m. to 4:30 p.m. Pacific Standard Time.

    Voice: (800) 322-6337
    Fax: (323) 582-2941
    E-mail: support@americandj.com
To purchase parts online visit http://parts.americandj.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 manufactures warranty. In the unlikely event your unit may require service please contact ADJ®.

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.

Profile Panel RGBA   **Features**

- 288 Ultra Bright LEDs
- Multi-Colors
- Color Strobe
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- 4 DMX Channel Modes: 4, 7, 9, & 32 DMX Channels
- Multiple Unit Power Linking (See page 26)

Profile Panel RGBA   **Warranty Registration**

The Profile Panel RGBA 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.americandj.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 American DJ® customer support for a R.A. number.

Profile Panel RGBA   **Cleaning**

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

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

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

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been 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 serviceable parts inside.
- Never operate this unit when it's cover is 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 becomes damaged.
- This unit is intended for indoor use only, use of this product out` doors 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 they exit from the unit.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 4 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, or liquid has been spilled into the fixture.
  - C. The fixture has been exposed to rain or water.
  - D. The fixture does not appear to operate normally or exhibits a marked change in performance.

P**ower Supply:** The ADJ Profile Panel RGBA contains an electronic voltage switch, which will auto sense the voltage when it is plugged into the power source. With the voltage switch you do not need to worry about wall voltage, this unit can be plugged in anywhere. Also be sure to only use the included powerCON cable 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 manufactures 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, when using several DMX fixtures try to use the shortest cable path possible. 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 Profile Panel RGBA has 4 DMX channel modes. The DMX address is set on the back panel of the Profile Panel RGBA. Your unit and your DMX controller require a 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 and female XLR connector on either end of the cable. 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's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

COMMON

DMX512 O☐T
3-PIN XLR

DMX +

DMX -

DMX512 IN
3-PIN XLR

Figure 2

XLR Male Socket

1 Ground

2 Cold

3 Hot

XLR Female Socket

2 Cold

1 Ground

3 Hot

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 possibilities 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 manufactures 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 electric 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

LED Display On/Off:
To set the LED display to turn off after 10 seconds, press the MODE button until "dXX" is displayed. "XX" represents either "on" or "oFF". Press the UP or DONW buttons so that "doff" is displayed. Now the display will disappear after 10s. Press any button to turn the display on again. Be advised though that the display will turn off automatically after 10 seconds.
"don" = LED display on at all times.
"doFF" = LED display shuts off after 10 seconds.

LED Display Inversion:
Follow these instructions to flip the display 180° so that the display can be read upside down.
1. Plug the fixture in and press the MODE button until "dXX" is displayed*.* "XX" represents either "on" or "oFF".
2. Press the SET UP button until "Stnd" is displayed.
3. Press the UP or DOWN buttons to "flip" the display 180°.

Operating Modes:
You can use the Profile Panel RGBA in either a stand alone mode or a master/slave configuration, there are 6 modes to choose from:
• Built-In Program - There are 22 built-in programs to choose from with multiple adjustments.
• Auto Run - Random programs will run with adjustable fade speed and strobe.
• Sound Active mode - The unit will react to sound, chasing through the built in programs.
• RGBA Dimmer mode - Choose one of the three colors to remain static or adjust the intensity of each color to make your desired color.
• Static Color Mode - Choose 1 of 47 color macros.
• DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller.

DMX Mode:

There are four DMX Modes to choose from: 4 Channels, 7 Channels, 9 Channels, and 32 Channels. Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs.

1. Press the MODE button until "dXXX" is displayed. "XXX" repre-sents the displayed DMX address. Use the UP and DOWN buttons to find your desired DMX address.
2. Once you have found your desired DMX address press the SET UP button to select you desired DMX channel mode. Use the UP and DOWN buttons to find you desired channel mode.
 • To run the 4 Channel Mode, press the MODE button until "Ch04" is displayed. This is the 4 Channel Mode.
 • To run the 7 Channel Mode, press the MODE button until "Ch07" is displayed. This is the 7 Channel Mode.
 • To run the 9 Channel Mode, press the MODE button until "Ch09" is displayed. This is the 9 Channel Mode.
 • To run the 32 Channel Mode, press the MODE button until "Ch32" is displayed. This is the 32 Channel Mode.
3. Please see pages 15-20 for DMX values and traits.
4. After you have found your desired DMX mode and set the DMX address, plug in the fixture via the XLR connections to any stan-dard DMX controller.

Sound Active Mode:

1. Plug the fixture in and press the MODE button until "SUXX" is displayed. "XX" represents the sound sensitivity level.
2. Use the UP or DOWN buttons to adjust the sound sensitivity. "SU00" is off, "SU01 is the lowest sensitivity, and "SU31" is the highest. After adjusting the sound sensitivity, press SET UP if you wish to activate the Flash mode.
3. "FS.XX" will now be displayed, this is Flash mode. The Flash can be adjusted between "FS00" (flash off) to "FS15" (fastest flash).

RGBA Dimmer Mode:

In this mode you can select and adjust the intensity of the red, green, blue, or amber colors to make your own desired color.

1. Plug the fixture in and press the MODE button until "MANUAL" is displayed.
2. When "rXXX" is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity. After you have finished adjusting the intensity, or if you would like to skip to the next color, press the SET UP button.
3. When "GXXX" is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity.
4. When "bXXX" is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity.
5. When "UXXX" is displayed you are in Amber dimming mode. Press the UP and DOWN buttons to adjust intensity.
6. After you have adjusted the colors to make your desired color you can then activate strobing by pressing the SET UP button to enter the strobe mode.
7. "FSXX" will be displayed, this is strobe mode. The strobe can be adjusted between "00" (flash off) to "15" (fastest flash).

Auto Run Mode:

In this mode the Profile Panel RGBA will run a auto program.

1. Plug the fixture in and press the MODE button until "AUTO" is dis-played.
2. After you have activated Auto Run mode, press the SET UP button to adjust the fade time.
3. When you press SET UP, "FdXX" should be displayed. Use the UP or DOWN buttons to set the fade speed to either "Fd.00" (fade off) or between "Fd01" (fastest speed) and "Fd99" (slowest speed). After adjusting the fade speed, press SET UP if you wish to activate the Flash mode.
4. "FS.XX" will now be displayed, this is Flash mode. The Flash can be adjusted between "FS00" (flash off) to "FS15" (fastest flash).

Built-In Program Mode:

1. Plug the fixture in and press the MODE button until "PrXX" is displayed. "XX" represents a number from 1-22. Use the UP or DOWN buttons to scroll through the 22 programs. Programs 21 and 22 have adjustable colors. Once you have found your desired program press the SET UP button.
2. Pressing the SET UP button will display "SPXX". When this is displayed you can adjust the running speed of your desired program. Use the UP or DOWN button to adjust the speed between "SP.01" (slowest) and "SP99" (fastest). Once you have set your desired running speed, you can press the SET UP button to to enter the Fade adjustment mode.
3. Pressing the SET UP button will display "FdXX". When this is displayed you can adjust the fade speed of your desired program. Use the UP or DOWN button to adjust the speed between "Fd.01" (fastest) and "Fd99" (slowest) or "Fd00" (Off). Once you have set your desired fade speed, you can press the SET UP button to to enter the Flash (Strobe) mode.
4. After pressing SET UP, "FSXX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS00" (flash off) to "FS15" (fastest flash).
• **PROGRAMS 21 & 22 -** If you have chosen programs 21 or 22, after the Flash mode, press the SET UP button. "C1XX" will be displayed. This is the base color, use the UP and DOWN buttons to scroll through the 7 colors. Once you have chosen your base color, press the SET UP button again so that "C2XX" is displayed. This is the moving color, use the UP and DOWN buttons to scroll through the 7 colors.

Static Color Mode:

1. Plug the fixture in and press the MODE button until "CLXX" is displayed.
2. There are 47 colors to choose from. Select your desired color by pressing the UP and DOWN buttons. After you have selected your desired color you can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. "FSXX" will now be displayed, this is Flash mode. The Flash can be adjusted between "FS00" (flash off) to "FS15" (fastest flash).

Dimmer Curve:

This is used to set the dimming curve used with DMX mode. See page 24 for the different dimming curves.
1. Plug the fixture in and press the MODE button until the current DMX address is displayed.
2. Press the SET UP button until "dr-X" is displayed. "X" represents the displayed dimmer curve (0-4).
 • 0 - Standard
 • 1 - Stage
 • 2 - TV
 • 3 - Architectural
 • 4 - Theatre
3. Press the UP or DOWN buttons to scroll through and select your desired dimming curve.

ADJ Remote Activation:

This function is used to activate and deactivate the IR sensor. When this function is activated you can control the fixture using either the ADJ UC IR or Airstream App. Please see page 14 for the controls and functions.
1. Plug the fixture in and press the MODE button until "dXX" is displayed. "XX" represents either "on" or "oFF".
2. Press the SET UP button until "IrXX" is displayed. "XX" represents either "on" or "oF".
3. Press the UP or DOWN buttons to either activate the remote function (On) or deactivate it (Off).

Default Running Mode:

This is a default running mode. When this mode is activated all modes will return to their default settings and a Auto program will run.
1. Plug the fixture in and press the MODE button until "dXX" is displayed. "XX" represents either "on" or "oFF".
2. Press the SET UP button until "dEFA" is displayed.
3. Press the UP and DOWN buttons at the same time.

Master-Slave Configuration:

This function will allows you to link units together to run in a Master-Slave set up. In a Master-Slave set up one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the "Master."

Master-Slave Connections and Settings:

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR data cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the ouput. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Set the "Master" unit to your desired operating mode and then connect the "Slave" unit or units.
3. For the "Slave" unit(s) press the MODE button until "SLAu" is displayed. The "Slave" unit(s) will now follow the "Master" unit.

The Profile Panel RGBA features a Frost Filter slot on the face of the unit, which can support a frost filter sheet the size of:
8.2" x 14.7" / 210 x 375mm

Frost filter sheets can be purchased through ADJ.
Note: The sheets are not cut to size for the unit.

Sheets:
LSF 20-22 - 20 Degree Beam Angle
Sheet Size: 24" x 22"
LSF 30-24 - 30 Degree Beam Angle
Sheet Size: 22" x 24"
LSF 60-24 - 60 Degree Beam Angle
Sheet Size: 20" x 24"
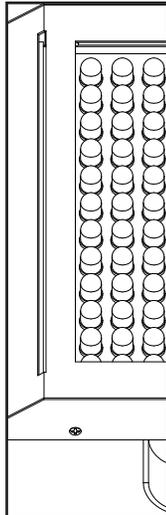
The **UC IR** infrared remote gives you control of various functions (See below). To control the fixture you must aim the remote at the front of the fixture and be no more than 30 feet away. To use the ADJ UC IR you must first activate the fixtures infrared sensor, to activate the sensor please see the instructions on page 12.

The **Airstream IR** remote transmitter plugs into the headphone jack of your iOS phone or tablet. To control your IR fixture you must raise the volume to the maximum on your iOS phone or tablet and aim the transmitter at the fixture sensor and be no more than 15 feet away. The app is a free download from the app store for your iOS phone or tablet. The app comes with 3 pages of control depending on the fixture you are using. Please see below for IR functions including the corresponding app page.

Works with App page 1.

STAND BY - Pressing this button will blackout the fixture. Press the button again to return to the initial state.

FULL ON - Press this button to fully light up the unit. Press this button again to return to the unit back to its previous state.

FADE/GOBO - This button is invalid for this fixture.

"DIMMER +" and "DIMMER -" - Use these buttons to adjust the output intensity in color mode.

STROBE - Press this button to activate strobing. Use buttons 1-4 to adjust the strobe speed. "1" being the slowest, "4" being the fastest. Press this button again to deactivate strobing.

COLOR - Press this button to activate color mode. Use buttons 1-9 to find your desired color.

1-9 - Use buttons 1-9 to select your desired color when color mode is active. Use buttons 1-4 to select your desired strobe speed.

SOUND ON & OFF - Use the buttons to activate and deactivate sound active mode.

SHOW 0 - Press this button to activate show mode. Use buttons 1-9 to select your desired show. Press this button twice for show 10. Press button 1 twice for show 11.

Profile Panel RGBA		4 Channel Mode
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		AMBER
	0 - 255	0% - 100%

Profile Panel RGBA		7 Channel Mode
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		AMBER
	0 - 255	0% - 100%
5		COLOR MACROS
	0 - 255	(See Color Macro Chart pages 22-23)
6		STROBING
	0 - 31	LED OFF
	32 - 63	LED ON
	64 - 95	STROBING SLOW - FAST
	96 - 127	LED ON
	128 - 159	PULSE STROBING SLOW - FAST
	160 - 191	LED ON
	192 - 223	RANDOM STROBING SLOW - FAST
	224 - 255	LED ON
7		MASTER DIMMER
	0 - 255	0% - 100%

Profile Panel RGBA		9 Channel Mode
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		AMBER
	0 - 255	0% - 100%
5		COLOR MACROS
	0 - 255	(See Color Macro Chart pages 22-23)

9 Channel mode continued on the next page

Channel	Value	Function
6		PROGRAMS
	0 - 15	OFF
	16 - 25	PROGRAM 1
	26 - 35	PROGRAM 2
	36 - 45	PROGRAM 3
	46 - 55	PROGRAM 4
	56 - 65	PROGRAM 5
	66 - 75	PROGRAM 6
	76 - 85	PROGRAM 7
	86 - 95	PROGRAM 8
	96 - 105	PROGRAM 9
	106 - 115	PROGRAM 10
	116 - 125	PROGRAM 11
	126 - 135	PROGRAM 12
	136 - 145	PROGRAM 13
	146 - 155	PROGRAM 14
	156 - 165	PROGRAM 15
	166 - 175	PROGRAM 16
	176 - 185	PROGRAM 17
	186 - 195	PROGRAM 18
	196 - 205	PROGRAM 19
	206 - 215	PROGRAM 20
	216 - 225	PROGRAM 21
	226 - 235	PROGRAM 22
	236 - 245	AUTO RUN
	246 - 255	SOUND ACTIVE
7		PROGRAM SPEED/SOUND SENSITIVE
	0 - 255	SLOW - FAST
	0 - 255	LEAST SENSITIVE - MOST SENSITIVE

When Channel 6 is between the values of 16-235, Channel 7 will control the program speed.

When Channel 6 is between the values of 246-255, Channel 7 will control the sound sensitivity.

Channel	Value	Function
8		STROBING
	0 - 31	LED OFF
	32 - 63	LED ON
	64 - 95	STROBING SLOW - FAST
	96 - 127	LED ON
	128 - 159	PULSE STROBING SLOW - FAST
	160 - 191	LED ON
	192 - 223	RANDOM STROBING SLOW - FAST
	224 - 255	LED ON
9		MASTER DIMMER
	0 - 255	0% - 100%

Channel	Value	Function
1	0 - 255	RED SECTION 1 0% - 100%
2	0 - 255	GREEN SECTION 1 0% - 100%
3	0 - 255	BLUE SECTION 1 0% - 100%
4	0 - 255	AMBER SECTION 1 0% - 100%
5	0 - 255	RED SECTION 2 0% - 100%
6	0 - 255	GREEN SECTION 2 0% - 100%
7	0 - 255	BLUE SECTION 2 0% - 100%
8	0 - 255	AMBER SECTION 2 0% - 100%
9	0 - 255	RED SECTION 3 0% - 100%
10	0 - 255	GREEN SECTION 3 0% - 100%
11	0 - 255	BLUE SECTION 3 0% - 100%
12	0 - 255	AMBER SECTION 3 0% - 100%
13	0 - 255	RED SECTION 4 0% - 100%
14	0 - 255	GREEN SECTION 4 0% - 100%
15	0 - 255	BLUE SECTION 4 0% - 100%
16	0 - 255	AMBER SECTION 4 0% - 100%

See Page 21 for the Section Layout

Channel	Value	Function
17	0 - 255	RED SECTION 5 0% - 100%
18	0 - 255	GREEN SECTION 5 0% - 100%
19	0 - 255	BLUE SECTION 5 0% - 100%
20	0 - 255	AMBER SECTION 5 0% - 100%
21	0 - 255	RED SECTION 6 0% - 100%
22	0 - 255	GREEN SECTION 6 0% - 100%
23	0 - 255	BLUE SECTION 6 0% - 100%
24	0 - 255	AMBER SECTION 6 0% - 100%
25	0 - 255	RED SECTION 7 0% - 100%
26	0 - 255	GREEN SECTION 7 0% - 100%
27	0 - 255	BLUE SECTION 7 0% - 100%
28	0 - 255	AMBER SECTION 7 0% - 100%
29	0 - 255	RED SECTION 8 0% - 100%
30	0 - 255	GREEN SECTION 8 0% - 100%
31	0 - 255	BLUE SECTION 8 0% - 100%
32	0 - 255	AMBER SECTION 8 0% - 100%

See Page 21 for the Section Layout

SECTION 8

SECTION 1

SECTION 7

SECTION 2

SECTION 6

SECTION 3

SECTION 5

SECTION 4

LED DISPLAY
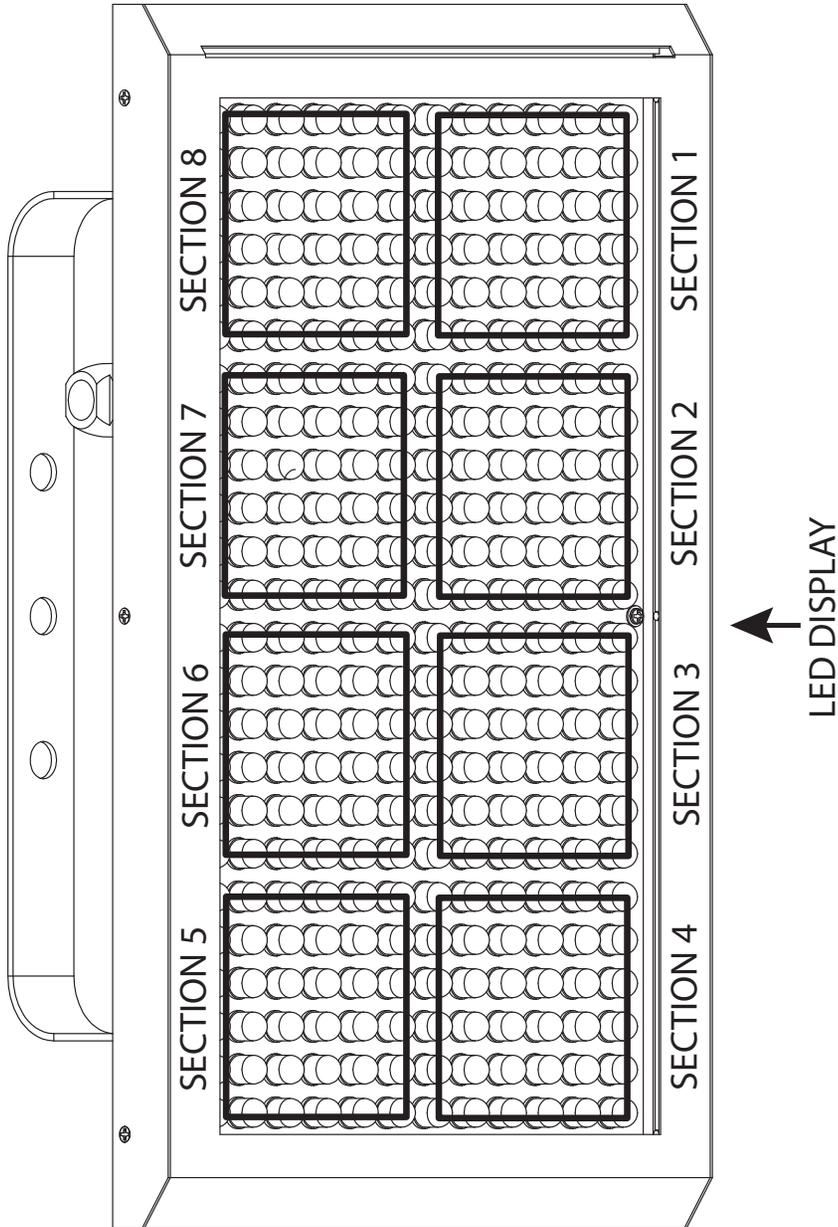
Color No.	DMX VAULE	RGBA COLOR INTENSITY			
		RED	GREEN	BLUE	AMBER
Color1 (off)	0-20	0	0	0	0
Color2	21-25	255	0	0	0
Color3	26-30	0	255	0	0
Color4	31-35	0	0	255	0
Color5	36-40	0	0	0	255
Color6	41-45	255	255	0	0
Color7	46-50	255	0	255	0
Color8	51-55	255	0	0	255
Color9	56-60	0	255	255	0
Color10	61-65	0	255	0	255
Color11	66-70	0	0	255	255
Color12	71-75	255	255	255	0
Color13	76-80	255	255	0	255
Color14	81-85	0	255	255	255
Color15	86-90	255	0	255	255
Color16	91-95	255	255	255	255
Color17	96-100	255	206	143	0
Color18	101-105	254	177	153	0
Color19	106-110	254	192	138	0
Color20	111-115	254	165	98	0
Color21	116-120	254	121	0	0
Color22	121-125	176	17	0	0
Color23	126-130	96	0	11	0
Color24	131-135	234	139	171	0

Color No.	DMX VAULE	RGBA COLOR INTENSITY			
		RED	GREEN	BLUE	AMBER
Color25	136-140	254	5	97	0
Color26	141-145	175	77	173	0
Color27	146-150	119	130	199	0
Color28	151-155	147	164	212	0
Color29	156-160	88	2	163	0
Color30	161-165	0	38	86	0
Color31	166-170	0	142	208	0
Color32	171-175	52	148	209	0
Color33	176-180	1	134	201	0
Color34	181-185	0	145	212	0
Color35	186-190	0	121	192	0
Color36	191-195	0	129	184	0
Color37	196-200	0	83	115	0
Color38	201-205	0	97	166	0
Color39	206-210	1	100	167	0
Color40	211-215	0	40	86	0
Color41	216-220	209	219	182	0
Color42	221-225	42	165	85	0
Color43	226-230	0	46	35	0
Color44	231-235	8	107	222	0
Color45	236-240	107	156	231	0
Color46	241-245	165	198	247	0
Color47	246-250	0	0	189	0
Color48	251-255	165	35	1	0

DIMMER
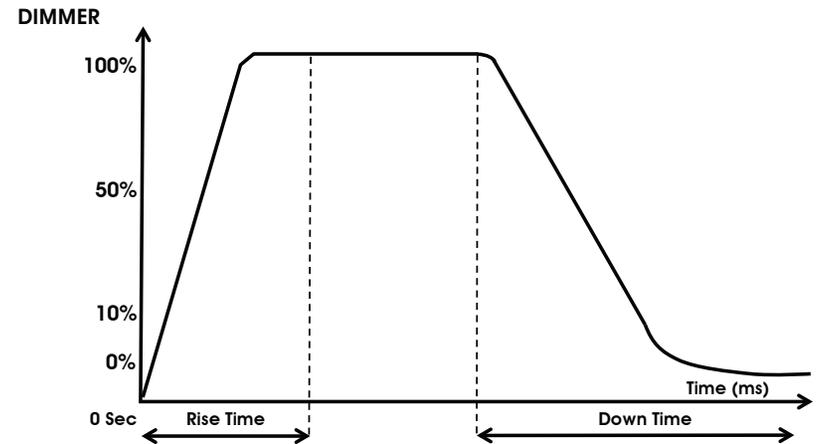
Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

16.73"/425mm

9.72"/247mm

3.2"/81.5mm

2.8"/71.5mm

1.18"/30mm   1.14"/29mm

5.88"/149.5mm

8"/203.2mm
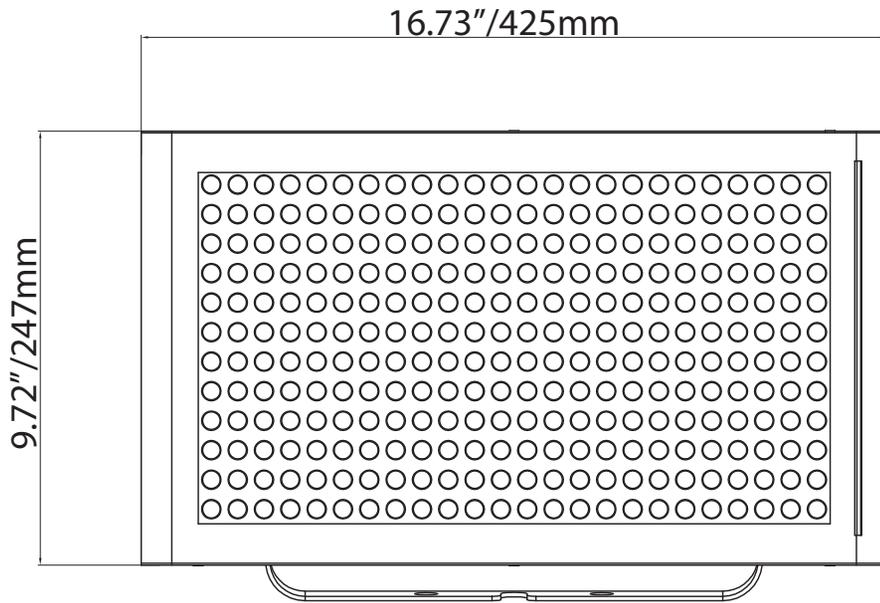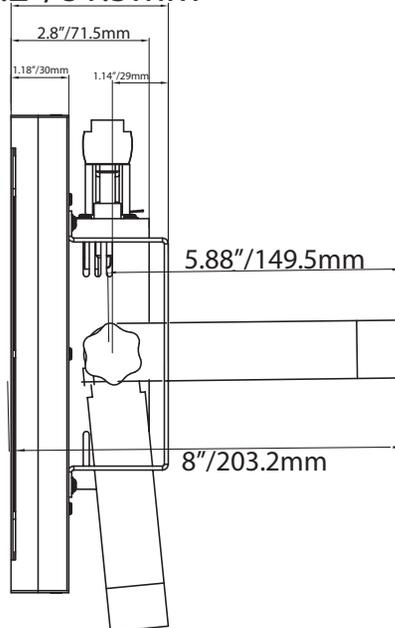
With this feature you can connect the fixtures to one another using the powerCON input and output sockets. The quantity fixtures that can be connected is 20 @ 120V and 35 @ 240V maximum. After the maximum connected fixtures you will need to use a new power outlet.
NOTE: USE CAUTION WHEN POWER LINKING OTHER FIXTURES TO THE PROFILE PANEL RGBA AS THE POWER CONSUMPTION OF OTHER LIGHTING FIXTURES WILL VARY!

Disconnect the unit from its power source. Remove the power cord from the unit. Use a flat head head screwdriver to remove the fuse holder. Remove the fuse located inside the fuse holder and replace it with the new fuse. Install the fuse holder and new fuse and secure it.

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

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are 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; it does matter which way the inputs and outputs are connected.
2. Some DMX modes have a dimmer channel. Make sure the dimmer channel is not at 0%

Unit does not respond to sound:

1. Quiet or high pitched sounds will not activate the unit.
2. Check the sound sensitivity level. See Sound Active mode.

If problems are not resolved; Contact ADJ® 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 it's 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 maintnance, 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 indentifying 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:
- **Non L.E.D. Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excluding laser diodes which have a 6 month limited warranty)
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding batteries which have a 180 day limited warranty). **Note: 2 Year Warranty only applies to purchases within the United States.**
- **StarTec Series = 1 Year Limited Warranty** (excluding batteries which have a 180 day limited warranty).
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty**

Model: Profile Panel RGBA

SPECIFICATIONS:

LEDs:	288 x 1W LEDs: 72 Red, 72 Green, 72 Blue, and 72 Amber
Working Position:	Any safe working position
Voltage:	100~240V 47Hz/63Hz
Power Linking:	20 Fixtures Max @ 120V
	35 Fixtures Mas @ 240V
Power Consumption:	33W
Beam Angle:	30 Degrees
Fuse:	2 Amp
Weight:	8 lbs./ 3.5Kgs.
Dimensions:	16.75" (L) x 3.2" (W) x 9.75" (H)
	425 (L) x 81.5 (W) x 247 (H) mm
Colors:	RGBA Color Mixing
DMX Channels:	4, 7, 9, & 32
Warranty:	2 Year (730 days)

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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