



# Flash Kling Panel 64



## *User Instructions*

ADJ Products, LLC  
6122 S. Eastern Ave. Los Angeles, CA 90040 USA  
Tel: 323-582-2650 / Fax: 323-725-6100  
Web: [www.adj.com](http://www.adj.com) / E-mail: [info@americandj.com](mailto:info@americandj.com)

A.D.J. Supply Europe B.V.  
Junostraat 2  
6468 EW Kerkrade  
Netherlands

[service@adjgroup.eu](mailto:service@adjgroup.eu) / [www.adj.com](http://www.adj.com)  
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99

Follow Us On:



[facebook.com/americandj](https://www.facebook.com/americandj)  
[twitter.com/americandj](https://twitter.com/americandj)  
[youtube.com/adjlighting](https://www.youtube.com/adjlighting)

©2013 ADJ Products, LLC all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ADJ Products, LLC logo and identifying product names and numbers herein are trademarks of ADJ Products, LLC. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ADJ Products, LLC brands and product names are trademarks or registered trademarks of their respective companies.

**ADJ Products, LLC** and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.

#### 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!

## Flash Kling Panel 64

## Specifications

### Model: Flash Kling Panel 64

#### SPECIFICATIONS:

LEDs:	64 x 0.164W 3-in-1 LEDs
Working Position:	Any safe working position
Voltage:	100V-240V, 50/60Hz
Power Draw:	20W (Full On)
Units Linked Together:	50 Units Max.
Beam Angle:	120 Degrees
Weight:	12lbs./ 5.6Kgs.
Dimensions:	19.75" (L) x 19.75" (W) x 2.5" (H) 500 (L) x 500 (W) x 63 (H) mm
Warranty:	2 Year (730 days)

**Auto Sensing Voltage:** *This fixture contains a 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.

**Unpacking:** Thank you for purchasing the Flash Kling Panel 64 by ADJ Products, LLC. Every Flash Kling Panel 64 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 Flash Kling Panel 64 is a LED pixel panel for low resolution, video displays. This LED panel is controlled via Kling-Net or Art-Net. Recommended control solutions; Arkaos Media Master Express, Media Master Pro, and LED Master software's (sold separately). Dynamic effects can be played on it, which makes it a great system for night clubs.

**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](http://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@americandj.com](mailto: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 Products, LLC.

**PLEASE recycle the shipping carton when ever possible.**

## Flash Kling Panel 64

## 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.

## Flash Kling Panel 64

## Features

- CAT 5 Straight Network Cable included.
- Kling-Net and Art-Net Compatible (Recommended control solutions; Arkaos Media Master Express, Media Master Pro, and LED Master software's (sold separately).
- 64 x SMD RGB LED's (8 x 8 Matrix Configuration)

## Flash Kling Panel 64

## Warranty Registration

The Flash Kling Panel 64 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](http://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 ADJ customer support for a R.A. number.

## Flash Kling Panel 64

## Notes

## Flash Kling Panel 64

## Warranty

### 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 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:

- **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 = 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).

## Flash Kling Panel 64

## Safety Precautions

- 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 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 they exit from the unit.
- **Cleaning** -The fixture should be cleaned only as recommended by the manufacturer. See page 7 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 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.

## Flash Kling Panel 64

## Operation

### Control Using Kling-net or Art-Net:

1. Install one of the recommended operating softwares onto your computer. Recommended softwares; Arkaos Media Master Express, Media Master Pro, or LED Master (Sold Separately).
2. Connect the panels via CAT 5 Straight Network cable. **When creating your own custom cable, use RJ45 Straight Network cable.**
3. Map the fixtures using KlingNetMapper or Art-Net Mapper.
4. Control the fixtures using ArKaos or Art-Net software. Please refer to the media playback software user manual for further instructions.

**Note:** ArKaos Kling-Net requires a gigabit (1000 mbps) Ethernet card and network router for a smoother operation.

### Connecting to Power and Data:

When connecting to power, the LED indicator on the bottom of the unit should glow a solid red if the unit is receiving power.

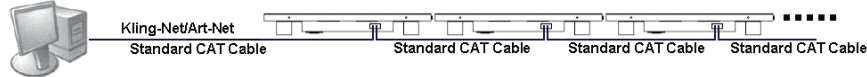
When the unit is receiving a data signal, the LED indicator will flash yellow.

**Note:** The LED indicator may only flash when pressing the mouse and moving the indicator arrow around in the grid.

## Flash Kling Panel 64

## Connections

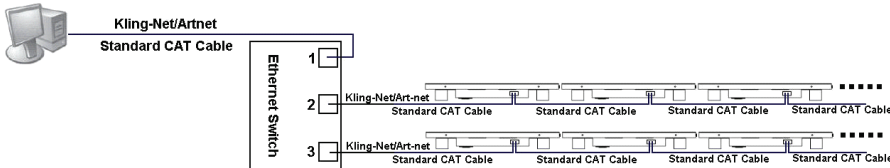
Installation method 1:



Note: Do not daisy-chain more than 50pcs LED panels from the computer, and use an Ethernet Switch if more than 50pcs LED lights are being controlled.

### When connecting you must use a CAT 5 Straight Network cable.

Installation method 2:



Note: 1. The Ethernet Switch must be Gigabit Switch.

2. Do not daisy-chain more than 50pcs LED panels from a single network port of the Ethernet Switch.
3. Maximum 2 output network ports of the Ethernet Switch can be used. So the system can control 100pcs panels maximum.

### When connecting you must use a CAT 5 Straight Network cable.

ADJ Products, LLC - [www.adj.com](http://www.adj.com) - Flash Kling Panel 64 Instruction Manual Page 5

## Flash Kling Panel 64

## Daisy-Chaining Units

Do not daisy-chain more than 50 Panels when connecting directly to a computer. To daisy-chain more than 50 Panels you must use an Ethernet Switch. When using an Ethernet Switch, do not daisy-chain more than 50 Panels from a single network port of the Ethernet Switch. A maximum 2 output network ports of the Ethernet Switch can be used. So the system can control 100 Panels maximum, no more. See the directions under the connection diagrams on page 5.

## Flash Kling Panel 64

## 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).

## Flash Kling Panel 64

## Trouble Shooting

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

### **No light output from the unit;**

1. Be sure the LED indicator on the back of the unit is on and in a solid state.

### **Unit is not receiving data;**

1. Check the LED indicator (same LED as the Power indicator). If the LED is flashing, you're receiving data. When moving your mouse arrow around in the grid, the LED will flash if you are receiving data.
2. Be sure you are using a CAT 5 Straight Network cable.

*If problems are not resolved; Contact ADJ for service.*  
1-800-322-6337

ADJ Products, LLC - [www.adj.com](http://www.adj.com) - Flash Kling Panel 64 Instruction Manual Page 6