

NEC LED-FA009i2 LED Module



# NEC LED-FA009i2 LED Module Instruction Manual

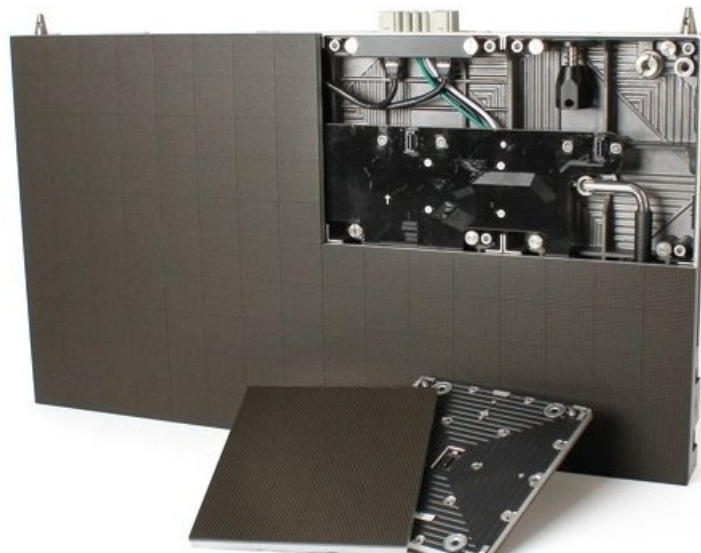
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# NEC

## NEC LED-FA009i2 LED Module



**Specifications:**

- **Models:** LED-FA009i2, LED-FA012i2, LED-FA015i2, LED-FA019i2, LED-FA025i2, LED-FA031i2, LED-FA038i2, LED-FE009i2, LED-FE012i2, LED-FE015i2, LED-FE019i2, LED-FE025i2, LED-FE031i2, LED-FE038i2
- For indoor use

## Product Information

The LED Module is designed for indoor use and comes in various models for different display requirements. It is important to follow safety precautions and maintenance guidelines for optimal performance.

### Safety Precautions:

- Do not apply vibrations or shocks to the product.
- Avoid installing the product in unstable locations or areas prone to vibrations.
- Always have a technician perform the installation.
- Avoid connecting cables with wet hands to prevent injury or electrical shock.
- Do not attempt to repair or modify the product yourself to avoid injury, fire, or electrical shock.
- During thunderstorms, do not touch the power cord to prevent electrical shock.
- Ensure correct voltage connection to prevent fire or electrical shock.
- If any malfunction or abnormality occurs, turn off the power and seek professional repair assistance.
- Install the product ensuring vents are not obstructed for proper ventilation.

## Product Usage Instructions

### Installation:

1. Ensure the installation location is stable and free from vibrations.
2. Have a qualified technician perform the installation to ensure proper setup.
3. Avoid obstructing the vents of the LED Module during installation.

### Power Connection:

Connect the product to the correct voltage as specified by the manufacturer. Use appropriate power outlets and cords to prevent electrical issues.

### Maintenance:

- Regularly check for any signs of malfunction such as abnormal heat, smoke, or strange sounds/odors.
- If any issues are detected, immediately power off the device and seek professional assistance for repairs.

### FAQ:

- **Q: What should I do if I notice abnormal heat coming from the LED Module?**

A: If you notice abnormal heat or any other signs of malfunction, immediately turn off the device and contact a technician for inspection and repair.

- **Q: Can I repair or modify the LED Module myself?**

A: It is advised not to repair or modify the product yourself as it may lead to injury, fire, or electrical shock.

Always seek professional assistance for any repairs or modifications.

## Safety Manual

- **LED Module**

- [Models for indoor use]
- LED-FA009i2 LED-FA012i2 LED-FA015i2 LED-FA019i2 LED-FA025i2 LED-FA031i2 LED-FA038i2 LED-FA012i2-SB LED-FA015i2-SB

- **LED Module**

- [Models for indoor use]
- LED-FE009i2 LED-FE012i2 LED-FE015i2 LED-FE019i2 LED-FE025i2 LED-FE031i2 LED-FE038i2 LED-FE012i2-E LED-FE015i2-E LED-FE019i2-E

- **MODELS:** LED-FA009i2, LED-FA012i2, LED-FA015i2, LED-FA019i2, LED-FA025i2, LED-FA031i2,

- LED-FA038i2
- LED-FE009i2, LED-FE012i2, LED-FE015i2, LED-FE019i2, LED-FE025i2, LED-FE031i2, LED-FE038i2

All product and company names are property of their respective owners. Use of them does not imply any affiliation with or endorsement by them.

## Important Information

### Safety Precautions and Maintenance

- FOR OPTIMUM PERFORMANCE, PLEASE NOTE THE FOLLOWING WHEN SETTING UP AND USING THE LED DISPLAY SYSTEM:

- **About the Symbols**

- To ensure safe and proper use of the product, this manual uses a number of symbols to prevent injury to you and others as well as damage to property. The symbols and their meanings are described below. Be sure to understand them thoroughly before reading this manual.




- **WARNING**

- Failing to heed this symbol and handling the product incorrectly could result in accidents leading to major injury or death.

- **CAUTION**

- Failing to heed this symbol and handling the product incorrectly could result in personal injury or damage to surrounding property.

### Examples of symbols

	<ul style="list-style-type: none"> <li>• Indicates a warning or caution.</li> <li>• This symbol indicates you should be careful of electric shocks.</li> </ul>
	<ul style="list-style-type: none"> <li>• Indicates a prohibited action.</li> <li>• This symbol indicates something that must be prohibited.</li> </ul>
	<ul style="list-style-type: none"> <li>• Indicates a mandatory action.</li> <li>• This symbol indicates that the power cord should be unplugged from the power outlet.</li> </ul>

Be sure to read the following before using the product to use it correctly and safely.

## WARNING

- Do not apply vibrations or shocks to the product.
- Do not install the product to unstable locations or locations subject to vibrations.
- Always ask a technician to perform the installation.
- Do not connect the cables with wet hands. Otherwise, it may cause an injury or an electrical shock.
- Do not repair or modify the product yourself. Otherwise, it may cause an injury, a fire or an electrical shock.
- In case of thunder, do not touch the power cord. Otherwise, it may cause an electrical shock.
- Connect the product to the correct voltage. If the product is connected to a voltage other than the specified voltage, it may lead to a fire or an electrical shock.
- In case of a malfunction (nothing is displayed on the screen, etc.) or if smoke, abnormal heat, or a strange sound or odor is generated, turn the power off and immediately ask a technician or your retailer for repair.
- Install the product so that the vents are not obstructed.
- Make sure there are enough people available to ensure safety (at least two people) when installing or moving the product. Otherwise, it may lead to an injury.
- Be sure to ground the product. If the product is not grounded, there is a risk of electrical shock in case a malfunction occurs.
- In case foreign matter has entered into the product, immediately disconnect the power supply and stop using the product.
- After the installation, if a problem such as loose screws occurs, immediately ask a technician or your retailer for repair.
- Do not put objects into the product. Otherwise, it may cause a fire or an electrical shock.
- In case the product is in contact with water or another liquid, immediately disconnect the power supply and stop using the product. If you continue using the product in that state, it may lead to a malfunction, a fire, or an electrical shock.
- When using the power connector (WAGO), do not use it outdoors or in a humid environment. Otherwise, it may cause a fire or an electrical shock.

## CAUTION

- When connecting the power cord to the product's AC IN terminal, make sure the connector is fully and firmly inserted.
- Do not damage the power cord. Do not put heavy objects on it, place it near heaters, pull it with excessive strength, or apply a strong force on it while it is bent.
- A damaged power cord may cause a fire or an electrical shock.
- Do not install the product in narrow places where heat tends to build up.
- Do not use the product in an environment with low heat dissipation.
- Otherwise, it may cause a malfunction.
- The RJ-45 port of the product is for use with the product only. Do not connect it to a network. Connecting this port to a network that may receive over-voltage current may cause damage to the product or an electrical shock.
- Do not use the product in a vehicle or another means of transportation.
- Do not place the product under direct sunlight or near heaters.
- This product is designed to be used indoors. Do not use it outdoors. Otherwise, it may cause a malfunction.

Do not use or store the product in the following places.

- Near heaters
- Places with lots of humidity or dust, or places subject to oily smoke
- Places where water or oil may splash
- Places with lots of corrosive gases, such as near hot springs
- Places where the product may freeze
- Do not place the product on its side, face down, or upside down.
- Places with lots of vibrations
- If you will not be using the product for a long time, disconnect it from the power distributor for safety purposes.
- Disconnect the power supply when performing the maintenance.
- Install the product in accordance with the local laws and regulations.
- Use ESD gloves when handling Pixel cards to prevent static electricity from the human body and contamination due to finger oils, perspiration salts, flaking skin, and/or other forms of human excretory secretions. The LED modules and their electrical components are sensitive to biological agents and exposure to such risks degradation of materials and performance.
- Eliminate any static electricity from your body before touching the Pixel cards by touching an aluminum sash, a door knob, or some other metal object.

This product can only be serviced in the country where it was purchased.

## **Declaration Of Conformity**

### **CE Information**



**WARNING!**

Operation of this equipment in a residential environment could cause radio interference.

**UK Information****FOR CUSTOMERS IN U.K.****IMPORTANT**

The wires in this mains lead are coloured in accordance with the following code:

The wires in this mains lead are coloured in accordance with the following code:

- GREEN-AND-YELLOW: "Earth"
- BLUE: "Neutral"
- BROWN: "Live"

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

- The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol or coloured green or green-and-yellow.
- The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured red.

Ensure that your equipment is connected correctly. If you are in any doubt consult a qualified electrician.

**"WARNING: THIS APPARATUS MUST BE EARTHED."**

**FCC Information (for USA only)****WARNING!**

- The Federal Communications Commission does not allow any modification or changes to the unit EXCEPT those specified by Sharp NEC Display Solutions of America, Inc. in this manual.  
Failure to comply with this government regulation could void your right to operate this equipment.
- This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely

to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### **Supplier's Declaration of Conformity (for USA only)**

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions.

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

U.S. Responsible Party: Sharp NEC Display Solutions of America, Inc.

- **Address:** 3250 Lacey Rd, Ste 500
- Downers Grove, IL 60515
- **Telephone Number:** 630-467-3000
- Type of Product LED MODULE
- **Equipment Classification:** Class A Peripheral
- **Model Number:**
  - LED-FA009i2, LED-FA012i2, LED-FA015i2, LED-FA019i2,
  - LED-FA025i2, LED-FA031i2, LED-FA038i2
  - LED-FE009i2, LED-FE012i2, LED-FE015i2, LED-FE019i2,
  - LED-FE025i2, LED-FE031i2, LED-FE038i2



If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-0034

Equipment name		Type designation (Type)				
		: LED-FA015i2, LED-FA019i2, LED-FA023i2, LED-FA025i2, LED-FA027i2, LED-FA031i2,LED-FA038i2, LED-FE012i2, LED-FE015i2, LED-FE019i2, LED-FE023i2, LED-FE025i2, LED-FE027i2,LED-FE031i2, LED-FE038i2				
Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr <sup>+6</sup> )	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
	○	○	○	○	○	○
	—	○	○	○	○	○
	—	○	○	○	○	○
	○	○	○	○	○	○
	○	○	○	○	○	○

- **Note 1:** “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

- **Note 2:** “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence

- **Note 3:** The “—” indicates that the restricted substance corresponds to the exemption

## Disposal

WEEE Mark (European Directive 2012/19/EU and amendments)



- **Disposing of your used product:** In the European Union
- EU-wide legislation as implemented in each Member State requires that used electrical and electronic products carrying the mark (left) must be disposed of separately from normal household waste.
- This includes LED module and electrical accessories, such as signal cables or power cords. When you dispose of such products, please follow the guidance of your local authority or ask the shop where you purchased the product, or if applicable, follow applicable legislation or agreement you may have. The mark on electrical and
- electronic products may only apply to the current European Union Member States.
- Outside the European Union
- If you wish to dispose of used electrical and electronic products outside the European Union, please contact your local authority and ask for the correct method of disposal.



- **For EU:** The crossed-out wheeled bin implies that used batteries should not be put to the general



household waste! There is a separate collection system for used batteries, to allow proper treatment and recycling in accordance with legislation.

According to EU directive 2006/66/EC and amendments, the battery can't be disposed improperly. The battery shall be separated to collect by local service.

## Service & Support

### Service & Support in Europe

- **Please contact:**

- Sharp NEC Display Solutions Europe GmbH. Landshuter Allee 12-14, D-80637 München
- **Phone:** + 49 (0) 89/99699-0
- **Fax:** + 49 (0) 89/99699-500

- **For the latest information please see**

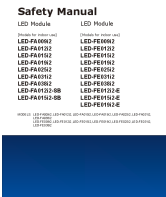
- <https://www.sharpnecdisplays.eu>
- Data is subject to change without notice.
- Sales Office List for Asia/Pacific

- **For the latest information please see**

<https://www.sharp-nec-displays.com/ap/contact/index.html>

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## Documents / Resources

	<p><b>NEC LED-FA009i2 LED Module</b> [pdf] Instruction Manual</p> <p>LED-FA009i2, LED-FA012i2, LED-FA015i2, LED-FA019i2, LED-FA025i2, LED-FA031i2, LED-FA038i2, LED-FE009i2, LED-FE012i2, LED-FE015i2, LED-FE019i2, LED-FE025i2, LED-FE031i2, LED-FE038i2, LED-FA009i2 LED Module, LED-FA009i2, LED Module, Module</p>
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## References

-  [Products | Sharp NEC Display Solutions](#)
-  [Sharp NEC Display Solutions Europe - Sharp NEC Display Solutions](#)
-  [Главная страница - Sharp NEC Display Solutions](#)
- [User Manual](#)

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