



# KAPPAPIX 26B1X1BF

XR LED wall module, SMD1515 BF, p2.6,  
1200nit, 50x50, 7680Hz, Brompton, 6,3 kg



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## USER MANUAL

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## Thank you for choosing PROLIGHTS

Please note that every PROLIGHTS product has been designed in Italy to meet quality and performance requirements for professionals and designed and manufactured for the use and application as shown in this document.

Any other use, if not expressly indicated, could compromise the good condition/operation of the product and/or be a source of danger.

This product is meant for professional use. Therefore, commercial use of this equipment is subject to the respectively applicable national accident prevention rules and regulations.

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Product user manual can be downloaded from the website [www.prolights.it](http://www.prolights.it), or can be inquired to the official PROLIGHTS distributors of your territory ([https://www.prolights.it/sales\\_network.html](https://www.prolights.it/sales_network.html)).

Scanning the below **QR Code**, you will access the download area of the product page, where you can find a broad set of always updated technical documentation: specifications, user manual, technical drawings, photometrics, personalities, fixture firmware updates.



Visit the download area  
of the product page



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# SAFETY INFORMATION



## WARNING!

- See <https://www.prolights.it/product/KAPPAX26B1X1BF#download> for installation instructions.
- Please read carefully the instruction reported in this section before installing, powering, operating or servicing the product and observe the indications also for its future handling.



**This unit is not for household and residential use, only professional applications.**



## Connection to mains supply

- The Connection to the mains supply must be carried out by a qualified electrical installer.
- Use only AC supplies 100-240V 50-60 Hz, the fixture must be electrically connected to ground (earth).
- Select the cable cross section in according with the maximum current draw of the product and the possible number of products connected at the same power line.
- The AC mains power distribution circuit must be equipped with magnetic+residual current circuit breaker protection.
- Do not connect it to a dimmer system; doing so may damage the product.



## Protection and Warning against electrical shock

- Do not remove any cover from the product, always disconnect the product from AC power before servicing.
- Ensure that the fixture is electrically connected to ground (earth). And use only a source of AC power that complies with local building and electrical codes and has both overload and ground-fault (earth-fault) protection.
- Before using the fixture, check that all power distribution equipment and cables are in perfect condition and rated for the current requirements of all connected devices.
- Isolate the fixture from power immediately if the power plug or any seal, cover, cable, or other components are damaged, defective, deformed or showing signs of overheating.
- Do not reapply power until repairs have been completed.
- Refer any service operation not described in this manual to PROLIGHTS Service team or an authorized PROLIGHTS service center.



## Installation

- Make sure that all visible parts of the product are in good visible condition before its use or installation.
- Make sure the point of anchorage is stable before positioning the projector.
- When suspending the fixture above ground level, secure it against failure of primary attachments by attaching a safety cable that is approved as a safety attachment for the weight of the fixture to the attachment point on the main frame of the product. In case the safety cable, enter in action, it needs to be replaced with a new one.
- Install the product only in well ventilated places.
- For non temporary installations, ensure that the fixture is securely fastened to a load-bearing surface with suitable corrosionresistant hardware.
- For a temporary installation with clamps, ensure that the quarter-turn fastener and/or screws are turned fully, and secured with a suitable safety cable.



### Protection from burns and fire

- The exterior of the fixture becomes hot during use. Avoid contact by persons and materials.
- Ensure that there is free and unobstructed airflow around the fixture.
- Keep flammable materials well away from the fixture.
- Do not expose the front glass to sunlight or any other strong light source from any angle. Lenses can focus the sun's rays inside the fixture, creating a potential fire hazard.
- Do not attempt to bypass thermostatic switches or fuses.



### Indoor use

- This product is designed for indoor and dry environments.
- Do not use in wet location and do not expose the fixture to rain or moisture.
- Never use the fixture in places subject to vibrations or bumps.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Excessive dust, smoke fluid, and particle build up degrades performance, causes overheating and will damage the fixture.
- Damages caused by inadequate cleaning or maintenance are not covered by the product warranty.



### Maintenance

- Warning! Disconnect the fixture from AC mains power and allow to cool for at least 10 minutes before handling.
- Only technicians who are authorized by PROLIGHTS or Authorised service partners are permitted to open the fixture.
- Users may carry out external cleaning, following the warnings and instructions provided, but any service operation not described in this manual must be referred to a qualified service technician.
- Important! Excessive dust, smoke fluid, and particle build up degrades performance, causes overheating and will damage the fixture. Damages caused by inadequate cleaning or maintenance is not covered by the product warranty.



### Disposal

- This product is supplied in compliance with European Directive 2012/19/EU – Waste Electrical and Electronic Equipment (WEEE). To preserve the environment please dispose/ recycle this product at the end of its life according to the local regulation.



### The products to which this manual refers comply with:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD).
- 2014/30/EU - Electromagnetic Compatibility (EMC).
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS).



### Other approvals

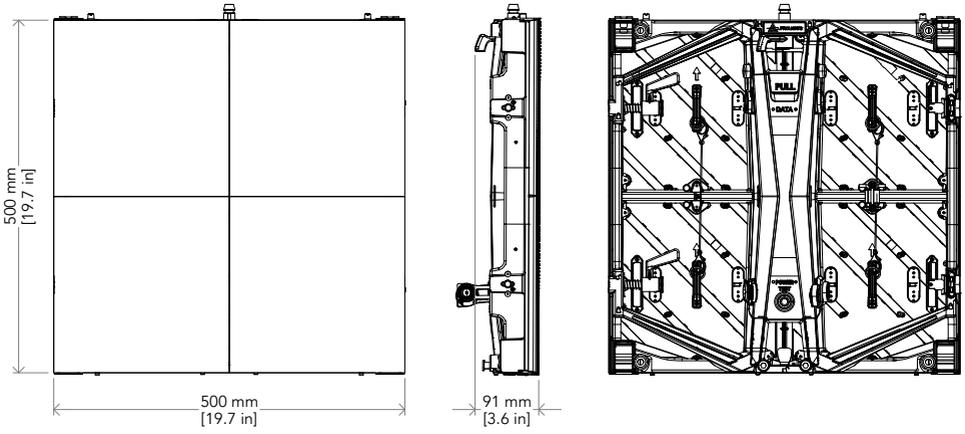


# 1 - OPTIONAL ACCESSORIES

- KXFCM80261X1 Flightcase 8 in1 for KAPPAX26B1X1BF
- KSXHGB01 Fly bar / ground bar for SIGMAX and KAPPAX systems, 1 column
- KSXHGB02 Fly bar / ground bar for SIGMAX and KAPPAX systems, 2 columns
- KSXCJB Ground system back horizontal support for SIGMAX and KAPPAX series LED wall
- KSXBS21 2in1 back support for GAMMAX series LED wall for ground system fixing
- KSXBS31 3in1 back support for GAMMAX series LED wall for ground system fixing
- KSXBSC Back plate for GAMMAX series LED wall for ground system fixing
- KSXGHR Ground system back horizontal reinforcement for SIGMAX & KAPPAX series LED wall
- KXXJ Metal joint used to connect 4 pcs KAPPAX series cabinets
- KXCJ80 Cabinet curve plate concave for KAPPAX series cabinets, 10°
- KXCJ81 Cabinet curve plate concave for KAPPAX series cabinets, 9°
- KXCJ82 Cabinet curve plate concave for KAPPAX series cabinets, 8°
- KXCJ825 Cabinet curve plate concave for KAPPAX series cabinets, 7,5°
- KXCJ83 Cabinet curve plate concave for KAPPAX series cabinets, 7°
- KXCJ84 Cabinet curve plate concave for KAPPAX series cabinets, 6°
- KXCJ85 Cabinet curve plate concave for KAPPAX series cabinets, 5°
- KXCJ86 Cabinet curve plate concave for KAPPAX series cabinets, 4°
- KXCJ87 Cabinet curve plate concave for KAPPAX series cabinets, 3°
- KXCJ875 Cabinet curve plate concave for KAPPAX series cabinets, 2,5°
- KXCJ88 Cabinet curve plate concave for KAPPAX series cabinets, 2°
- KXCJ89 Cabinet curve plate concave for KAPPAX series cabinets, 1°
- KXCJ90 Cabinet curve plate standard for KAPPAX series cabinets, flat 0°
- KXCJ91 Cabinet curve plate convex for KAPPAX series cabinets, 1°
- KXCJ92 Cabinet curve plate convex for KAPPAX series cabinets, 2°
- KXCJ925 Cabinet curve plate convex for KAPPAX series cabinets, 2,5°
- KXCJ93 Cabinet curve plate convex for KAPPAX series cabinets, 3°
- KXCJ94 Cabinet curve plate convex for KAPPAX series cabinets, 4°
- KXCJ95 Cabinet curve plate convex for KAPPAX series cabinets, 5°
- OXFCIS100 Rigging/ground-stack structure flightcase OMEGAX-DELTA LED-display, 100cm
- OXFCIS200 Rigging/ground-stack structure flightcase OMEGAX-DELTA LED-display, 200cm
- OXFCSP Spare part flightcase for OMEGAX-DELTA series LED-display
- KXACL01 Power cable for KAPPAX LED display series, L 140 cm
- KXACL10 Power cable for KAPPAX LED display series, L 10 m
- KXDCL01 Data cable for KAPPAX LED display series assembled with RJ45, L 140 cm
- KXDCL10 Data cable for KAPPAX LED display series assembled with RJ45, L 10 m
- BROX40 BROMPTON 4K LED video processor
- BROXD10G BROMPTON data distribution unit
- FMTOOL Front maintenance tool for OMEGAX-DELTA series LED screens (INDOOR)
- MRTOOL Mask Replacement TOOL for OMEGAX26B and OMEGAX26BE

## 2 - TECHNICAL DRAWING

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Weight: 6,3 kg - 13,89 lbs

Fig. 01

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### 3 - PRODUCT OVERVIEW

1. MODULE: single LED display module that makes up the cabinet with magnetic attachment
2. SIDE LOCK MECHANICS: Side Panel locking and unlocking mechanism.
3. UPPER LOCK MECHANICS: Upper Panel locking and unlocking mechanism.
4. SIGNAL CONNECTORS: Ethernet connectors for sending and receiving Data Information from the controller.
5. POWER BOX LOCK: handle to release power box
6. POSITIONING PIN: allows to center and hook cabinet easier.
7. MOUNTING HOLE: to be used to fix the cabinets together using a metal plate
8. AUTOMATIC CORNER PROTECTION: automatic corner protection system with lock
9. CABINET HANDLE: handy handles for easy assembly.
10. LOCKING TAB: to hook cabinet to underside.
11. POWER IN CONNECTOR: for connection to the Mains 100-240V~/50-60Hz.
12. POWER OUT CONNECTOR: power output for connection of multiple units in series
13. MECHANICAL CORNER PIN: mechanical corner protection closing
14. ANGLE MECHANICS: allow both concave and convex precise installation of  $+10^{\circ}$  /  $-10^{\circ}$

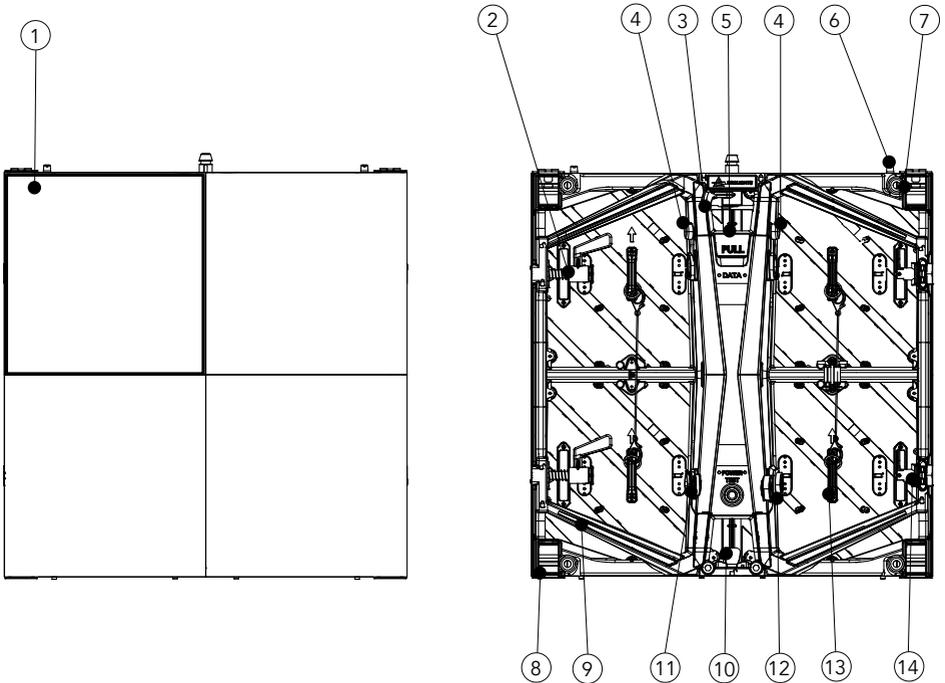
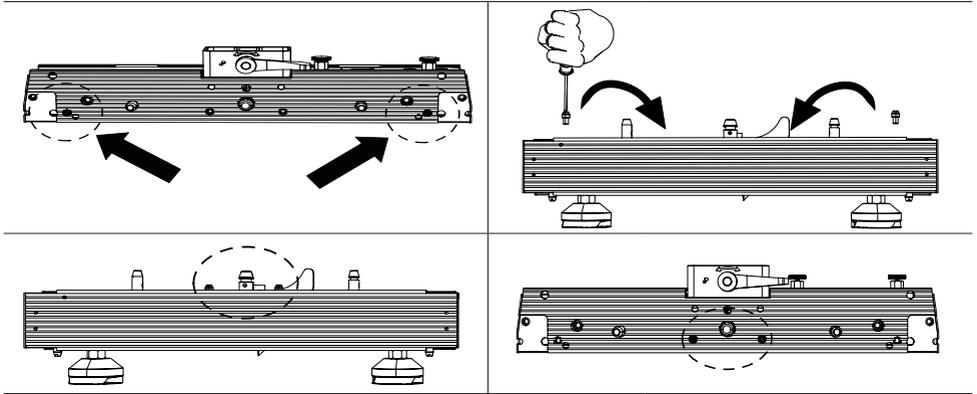


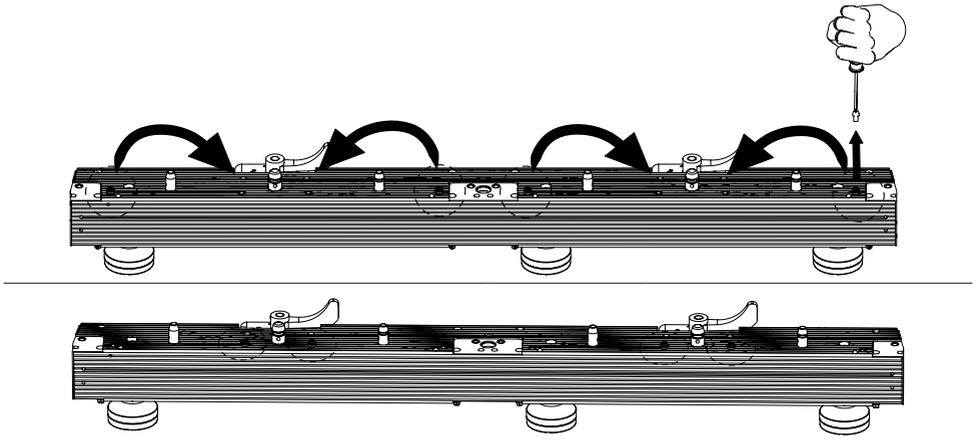
Fig 02

# 4 - INSTALLATION

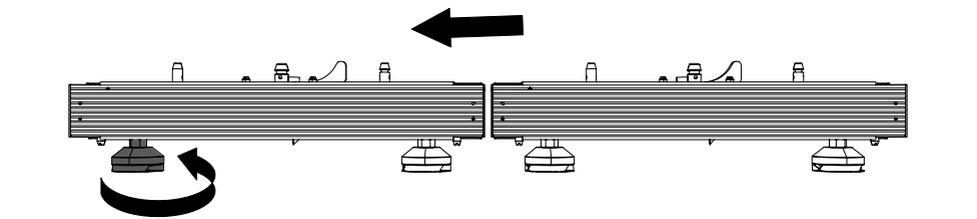
## GROUND BAR STACKING SYSTEM



Remove highlighted pins on the KSXHGB01 accessory for grounding applications.

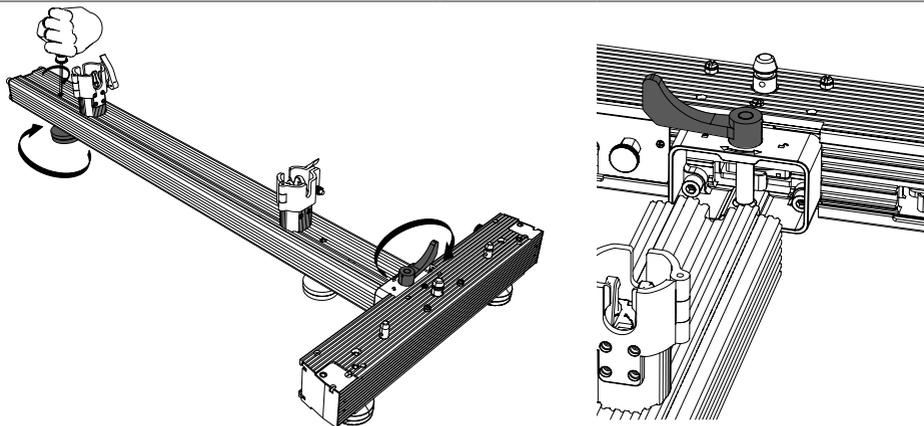


If you use the KSXHGB02 accessory, remove highlighted pins for grounding applications.

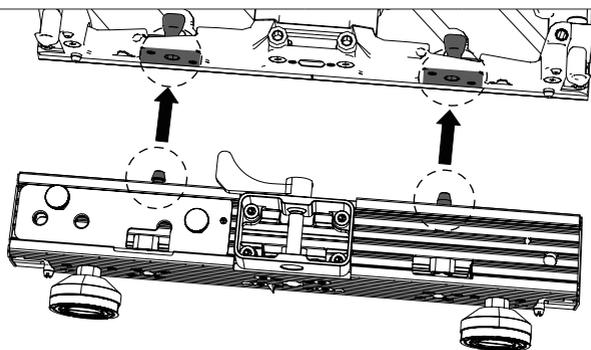


Align the KSXHGB fly/ground bar accessories, then adjust the height of the feet toward the ground to keep the ground beam perfectly horizontal.

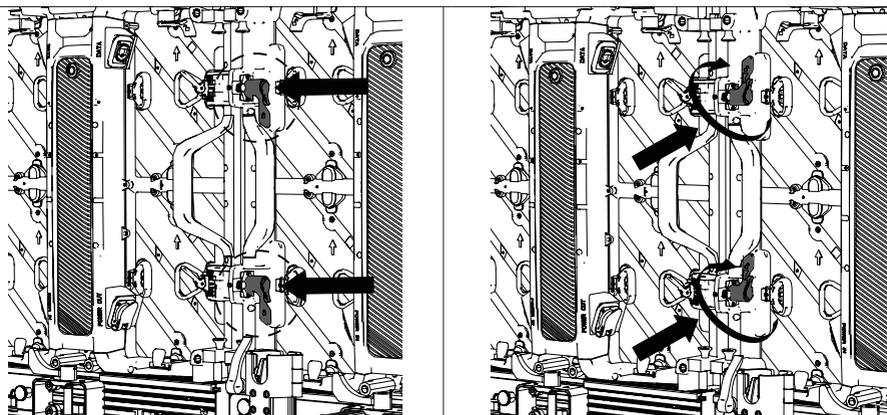
Fig 03



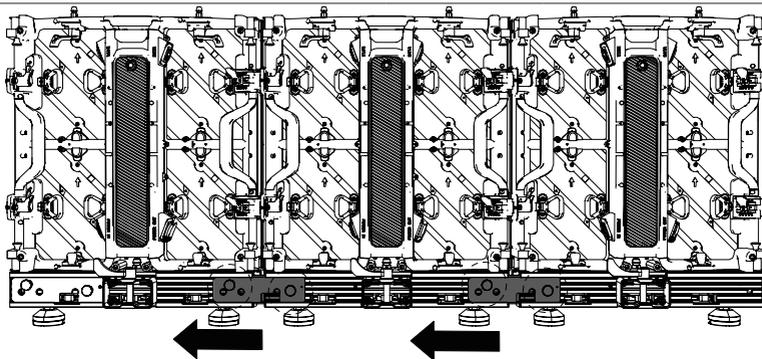
Insert the KSXCJB accessory into the prepared slot in the K SXHGB, then lock it using the lever by turning it following the closed padlock icon. after which align with respect to the horizontal plane also the horizontal support if necessary by helping with a hexagonal wrench.



Hook the cabinet to the ground bar, taking care to align the holes in the screen with the pins in the bar.

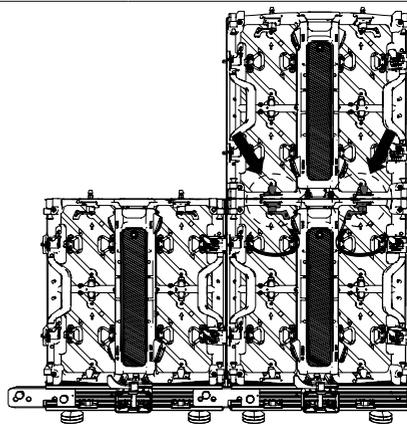
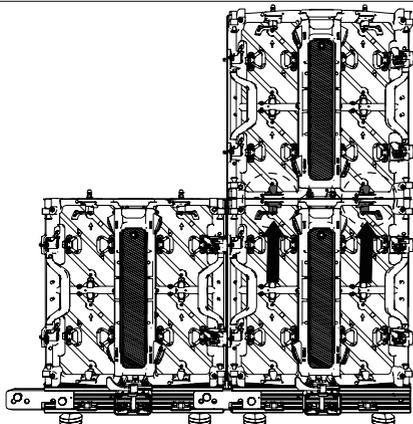


Hook the panels sideways and lock them by push and turning the locking lever.

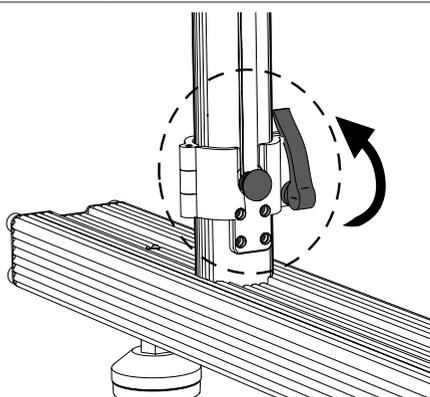
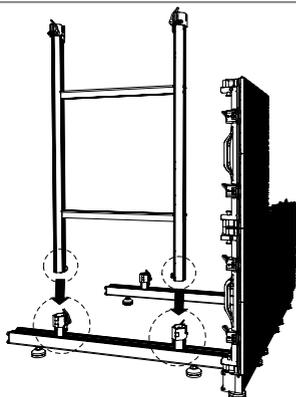


Pull the bracket knobs on the ground bar and slide it to the next ground bar to lock them to each other.

**NOTE:** when connecting the bars, make sure there are no steps between one panel and another horizontally and on the front of the panels.

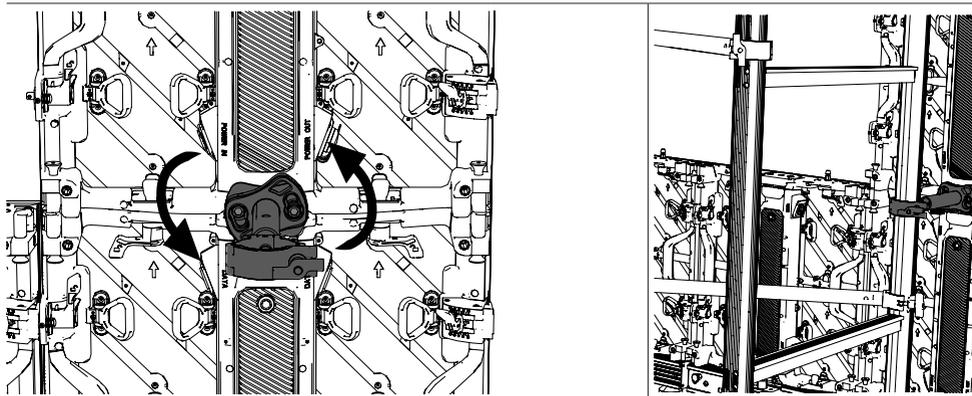


Hook down the cabinet of the next row and lock them by push and turning the locking lever, and continue horizontally forward.

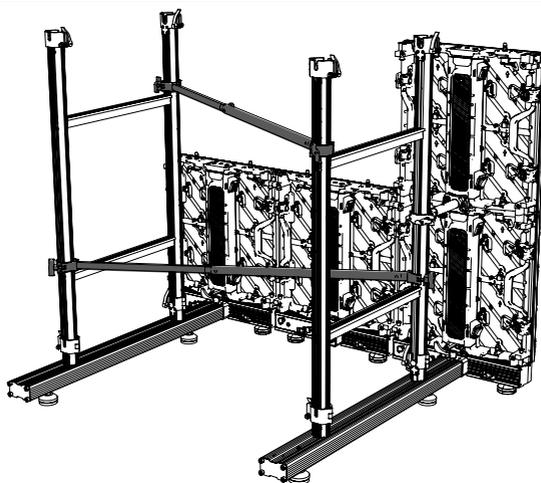


Hook the panels sideways and lock them by turning the locking lever.

Fig 05



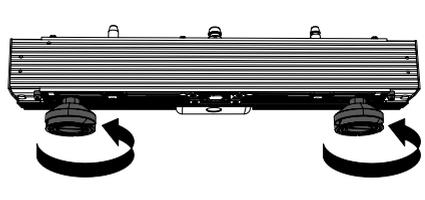
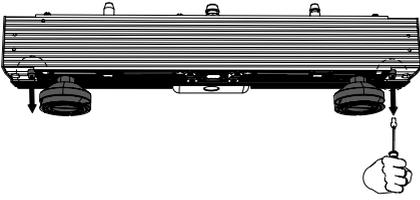
Install SIGMAX series LED wall back plates, KSXBSC accessory, for ground fixing.



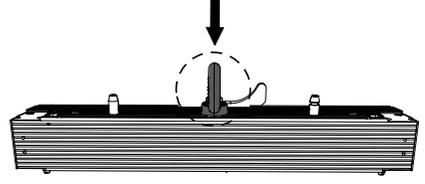
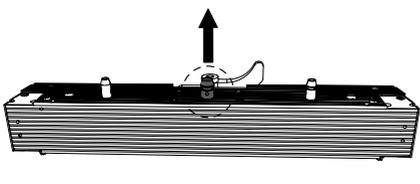
Finally, to stiffen the structure, install the KSXGHR accessory between the two rear supports.

Fig 06

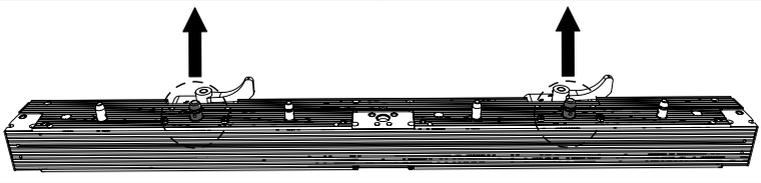
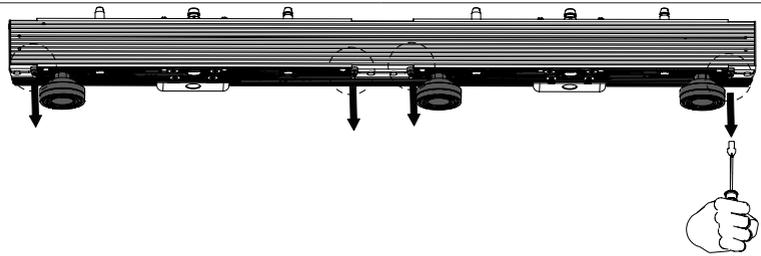
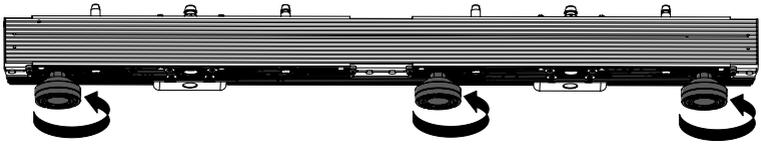
FLY BAR HANGING SYSTEM



Remove the noted feet and pin located at the bottom of the K SXHGB accessory.

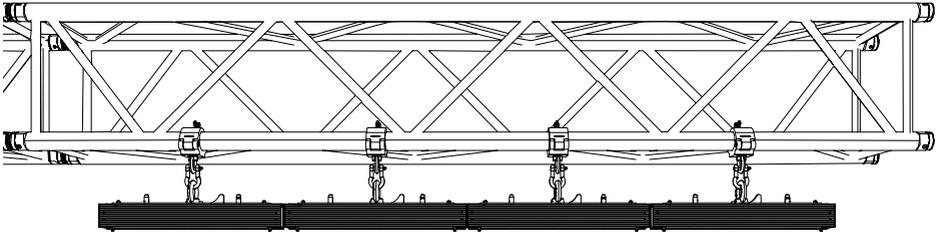


Remove the noted center pin on the K SXHGB accessory, then install the eye hook.

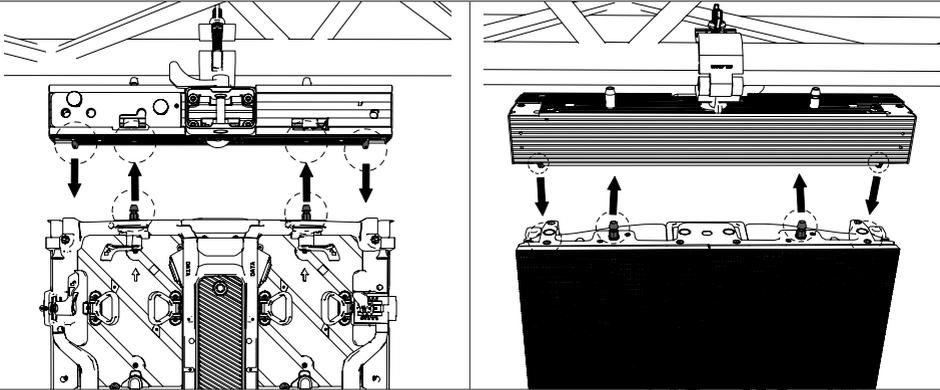


If you use the K SXHGB02 accessory, remove highlighted feet and center pins, then install the eye hook.

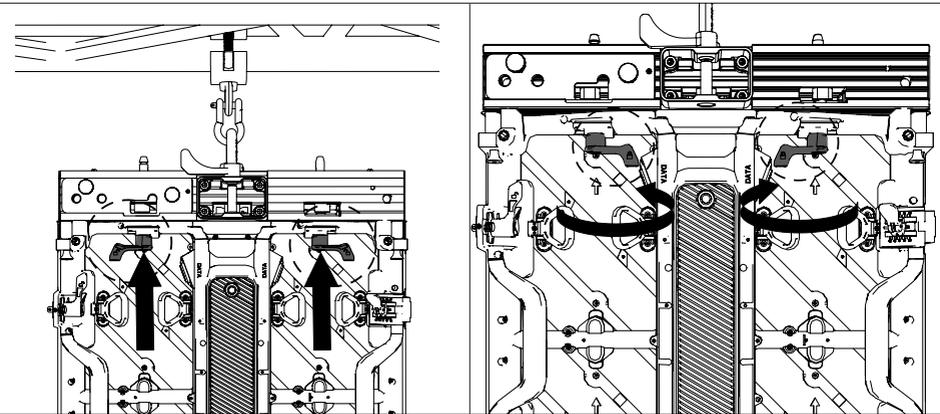
Fig 07



Attach the flybar KSXHGB/KSXHGB02 to the truss with the help of fastening accessories such as clamps and/or safety ropes.

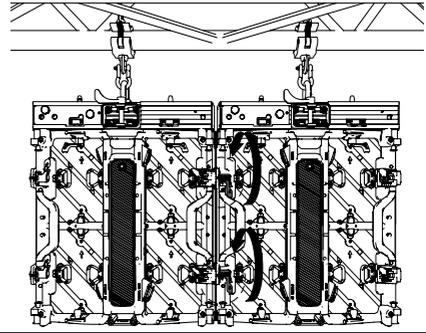
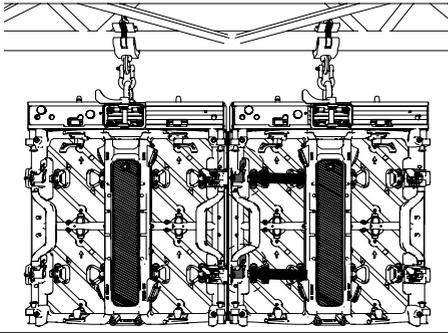


Hook the cabinet to the KSXHGB fly/ground bar accessories, taking care to align the holes in the screen with the pins in the bar.

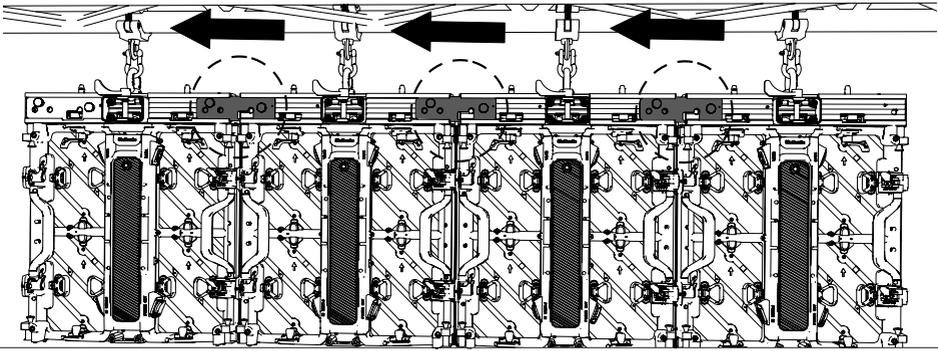


Hook down the panels of the next row and lock them by push and turning the locking lever, and continue horizontally forward.

Fig 08

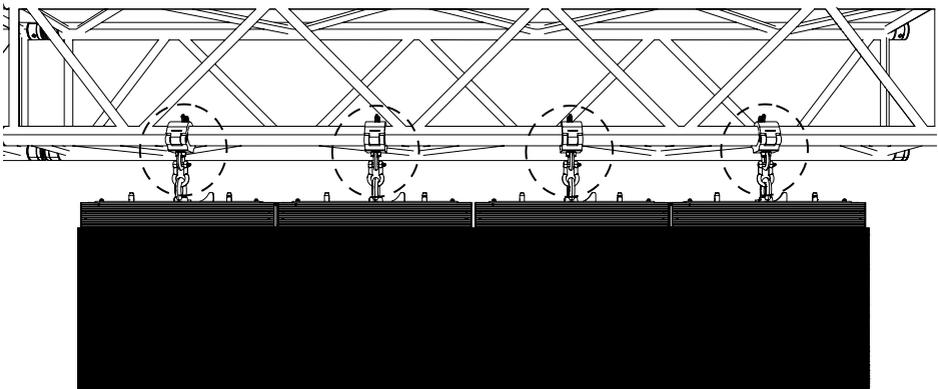


Hook the panels sideways and lock them by push and turning the locking lever.



Pull the bracket knobs on the ground bar and slide it to the next ground bar to lock them to each other.

**NOTE:** when connecting the bars, make sure there are no steps between one panel and another horizontally and on the front of the panels.



Finally, attach the screens to the truss with the help of fastening accessories such as clamps and/or safety ropes.

Fig 09

## 6 - CONNECTION TO THE MAINS SUPPLY

Each cabinet has an IN and OUT power connection (powercon true or powercon). It's possible to connect in chain many cabinets. To design the power cabling, it's necessary to know the max power consumption for each panel. It's possible to see this info in the specifications of the product  
 Examples:

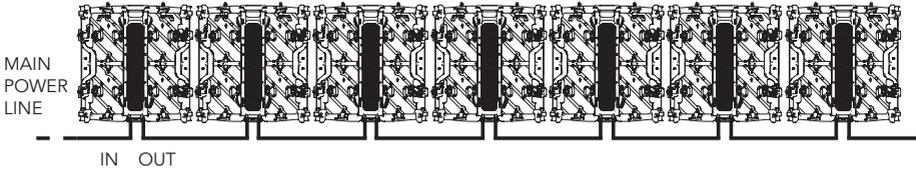


Fig. 16

**WARNING:** For protection from electric shock, the panel must be earthed!

The product is equipped with auto-switching power supply that automatically adjusts to any 50-60Hz AC power source from 110-230 Volts.

If you need to install a power plug on the power cable to allow connection to power outlets, install a grounding-type (earthed) plug, following the plug manufacturer's instructions. If you have any doubts about proper installation, consult a qualified electrician.

The maximum power consumption of single panel is 120W.

Core (EU)	Core (US)	Connection	Plug terminal marking
Brown	Black	Live	L
Blue	White	Neutral	N
Yellow+green	Green	Earth	

**NOTE:** it's suggested to use a class D switch.

## 7 - START UP

### CONNECT AND DISCONNECT POWER FROM THE PRODUCT

To apply and disconnect power to the product:

- Check that the product is installed and secured as indicated in the Safety Informations, and that personal safety will not be put at risk when the fixture lights up.
- Connect the power connector into the Mains input socket (100-240 VAC-50/60 Hz).
- The product is then ready for its operations and can be controlled through the available input signals on board.
- To disconnect power from the product, disconnect the Mains from the socket.

# 8 - DATA CONNECTION

## DATA CABLING

Each cabinet has an IN and OUT data connection (RJ45). Each data output of a Novastar processor, can manage a max of 650.000 pixels. To design the cabling of data, it's necessary to know the resolution of each cabinet.

Examples:

Product	Cabinet Total Pixels	Max number of cabinets for a data line
SIGMA X26 series	(192x192 pixels) 36.864	17
GAMMA X29 series	(168x168 pixels) 28.224	23
SIGMA X39 series X1	(128x128 pixels) 16.384	39
SIGMA X39 series X2	(128x256 pixels) 32.768	19
GAMMA X48 series X1	(104x104 pixels) 10.816	60
GAMMA X48 series X2	(104x208 pixels) 21.632	30
KAPPA X26 series	(192x192 pixels) 36.864	17

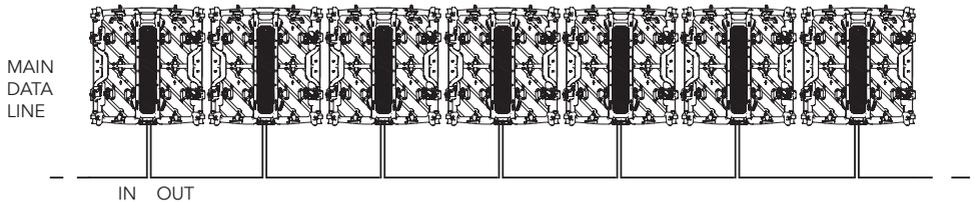


Fig. 17

**NOTE:** it's suggested to distribute the signal as evenly as possible between the various signal lines.

**NOTE:** it's necessary to complete a row or a column with a data chain. It's not possible to connect half of a row or a column on a data chain.

## MAIN AND BACKUP DATA LINE

For all Prolights led screen cabinet it's possible to install a MAIN data line and a BACKUP data line. This allows to see image on led screen in case of MAIN failure. MAIN and BACKUP need to be assigned from the PC software to the outputs of the processor.

MAIN data cable comes from the output of the processor to the last cabinet of the chain.

BACKUP data cable come from the output of the last cabinet of the chain to the output of the processor.

**NOTE:** it's always suggested to use different processor for MAIN line and BACKUP line

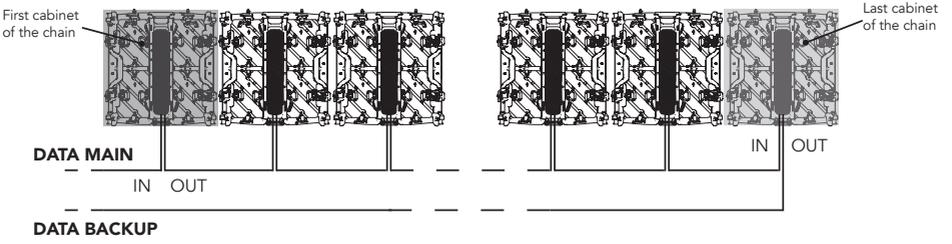


Fig. 18

# 9 - MAINTENANCE

## MAINTENANCE AND CLEANING THE PRODUCT

**WARNING:** Disconnect from the mains before starting any maintenance work.

It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness.

- For cleaning, disconnect the main plug from the socket. It is recommended that you should use a soft antistatic brush to clear dust on the screen surface monthly in order to achieve an optimum displaying effect. Never use a liquid, it might penetrate the unit and cause damage to it.
- The user must clean the product periodically to maintain optimum performance and cooling. The user may also upload firmware (product software) to the fixture via the DATA signal input port using firmware and instructions from PROLIGHTS.
- The frequency of such maintenance operations is to be performed according to various factors, such as the amount of the use and the condition of the installation environment (air humidity, presence of dust, salinity, etc.). It is recommended that the product is subject to annual service by a qualified technician for special maintenance involving at least the following procedures:
  - General cleaning of internal parts.
  - General visual check of the internal components, cabling, mechanical parts, etc.
  - Electrical and functional checks; eventual repairs.

**WARNING:** the use of alcohol or any other detergent or liquid could damage the product.

- All other service operations on the product must be carried out by PROLIGHTS, its approved service agents or trained and qualified personnel.
- It is PROLIGHTS policy to apply the strictest possible calibration procedures and use the best quality materials available to ensure optimum performance and the longest possible component lifetimes. However, optical components are subject to wear and tear over the life of the product, resulting in gradual changes in colours over many thousands of hours of use. The extent of wear and tear depends heavily on operating conditions and environment, so it is impossible to specify precisely whether and to what extent performance will be affected.
- Use only accessories approved by PROLIGHTS.

## MAINTENANCE ON INDOOR PRODUCT

**WARNING:** The LED display may be damaged and become irreparable if you ignore the following guidelines.

- If the product is used as a fixed LED display, it is recommended that you should use the LED display and its auxiliary devices twice a week and two hours each time. Before using the LED display, perform warm-up operations on the LED display if it has been idle for a long period of time (for details about warm-up operations, see Section 5.5).
- If the product is used as a fixed LED display, check the parts in the distribution box quarterly. Check whether the power cables and signal cables for the LED display are connected securely and safely, and whether the display is grounded reliably.
- If the product is used as a fixed LED display, check whether the steel structure of the fixed LED display is secure on a yearly basis.
- If the product is used as a rental LED display, check whether the ground beam and back frame are secure before you use the product.
- If the product is used as a rental LED display, check whether the parts in the distribution box are secure before you use the product.
- If the product is used as a rental LED display, check the stability and integrity of the flight case before you use the product.
- If the product is used as a rental LED display, place the cabinets into the flight case timely after you finishing using the product. Keep cabinets and internal part of the flight case dry.
- In dry seasons, perform warm-up operations on the LED display and its auxiliary devices at least once every two months if it is idle for a long period of time.
- In wet seasons, perform warm-up operations on the LED display and its auxiliary devices at least once a month if it is idle for a long period of time.

## **MAINTENANCE ON OUTDOOR PRODUCT**

**WARNING:** The LED display may be damaged and become irreparable if you ignore the following guidelines.

- If the product is used as a fixed LED display, it is recommended that you should use the LED display and its auxiliary devices twice a week and two hours each time. Before using the LED display, perform warm-up operations on the LED display if it has been idle for a long period of time (for details about warm-up operations, see Section 5.5).
- If the product is used as a fixed LED display, check the parts in the distribution box quarterly. Check whether the power cables and signal cables for the LED display are connected securely and safely, and whether the display is grounded reliably.
- If the product is used as a fixed LED display, check whether the steel structure of the fixed LED display is secure on a yearly basis.
- If the product is used as a rental LED display, check whether the ground beam and back frame are secure before you use the product.
- If the product is used as a rental LED display, check whether the parts in the distribution box are secure before you use the product.
- If the product is used as a rental LED display, check the stability and integrity of the flight case before you use the product.
- If the product is used as a rental LED display, place the cabinets into the flight case timely after you finishing using the product. Keep cabinets and internal part of the flight case dry.
- Clean the screen if dust on the screen surface has affected the displaying effect. It is recommended that you should use an antistatic soft brush and in exceptional cases due to excessive dirt use clear water or a small amount of neutral detergent to clean the screen.
- In dry seasons, perform warm-up operations on the LED display and its auxiliary devices at least once every two months if it is idle for a long period of time.
- In wet seasons, perform warm-up operations on the LED display and its auxiliary devices at least once a month if it is idle for a long period of time.

## **CORRECT STARTUP/SHUTDOWN SEQUENCE**

Startup Sequence:

1. Start the distribution box for the LED display.
2. Start the control computer.
3. Start the video processor.
4. Start the sending box.

Shutdown Sequence:

1. Shut down the video processor.
2. Shut down the sending box.
3. Shut down the control PC.
4. Shut down the distribution box for the LED display.

## **TRANSPORTATION AND STORAGE**

The cabinets would be packaged in flight case. The flight case is suitable for packaging of rental LED displays.

Do not place the LED display upside down or throw it during transport and storage, the cabinets must be packaged before transportation. The product shall not be placed upside down or horizontally, and must be protected against the wind, rain, direct sunlight, and corrosive liquid during transportation. The stacking layers shall not exceed two layers for flight cases.

The cabinets of indoor LED displays shall be stored in an environment with ambient temperature ranging from -20°C to +55°C and relative humidity ranging from 10% to 85% RH. For cabinets of outdoor LED displays, the ambient temperature and relative humidity for storage shall be ranging from -30°C to +60°C and 10% to 95% RH. Do not store the cabinets in an environment with chemicals that are volatile, corrosive, or flammable.

## GENERAL INDICATIONS FOR USE

**WARNING:** The LED display may be damaged and become irreparable if you ignore the following warnings:

- Do not incline, scratch, or crash the LED display during installation.
- Do not wet or in case of outdoor models submerge the LED display into water.
- Do not direct the air outlet of an air conditioner to the LED display.
- Do not clean the LED display with chemical solvents.
- Do not place or use the LED display in an environment with volatile, corrosive or flammable chemical products.
- Do not use any electrical accessories not approved by the equipment manufacturer.
- Make sure the LED display and its auxiliary devices are grounded correctly and reliably before they are used.
- *Make sure when assembling the cabinets, to secure the screen and all accessories properly and prevent collapse that may cause damage or danger to people and property, and to use only accessories approved by PROLIGHTS.*
- Switch off the power immediately and contact the professional personnel when the LED display has any abnormal conditions such as peculiar smell, smoke, electric leakage, and abnormal temperature.

The optimum displaying effect may fail to be achieved if you ignore the following cautions.

- Wear antistatic gloves when installing or repairing the product.
- Ensure good ventilation for the LED display when designing the heat dissipation solution.
- Use single-phase power supply for an LED display with the total power consumption not exceeding 3 kW, and three-phase power supply for an LED display with the total power consumption exceeding 3 kW.
- Ensure that the LED display is powered on at least twice per week, and at least 2 hours each time.
- Installing the LED display in the following places may result in an equipment failure and reduce its lifespan: near the sea, in an area with salt and alkali or sulphurous gases, near a kitchen exhaust position, or at a place where the difference between indoor and outdoor temperatures is great. Consult our professional personnel at the service center if the LED display must be installed in any of these places.

## TROUBLESHOOTING

Problems	Possible causes	Checks and remedies
Product doesn't power ON	<ul style="list-style-type: none"> <li>No power to the product</li> </ul>	<ul style="list-style-type: none"> <li>Check that power is switched ON and cables are plugged in.</li> </ul>
Failure in Lighting up the Display	<ul style="list-style-type: none"> <li>No power is supplied to the display or the control devices.</li> </ul>	<ul style="list-style-type: none"> <li>Check cables between the sending box and the receiving card. Check whether the DVI cable between the control PC and the sending box is connected reliably</li> </ul>
	<ul style="list-style-type: none"> <li>The LED display does not have input signals</li> </ul>	<ul style="list-style-type: none"> <li>Check AC power input of the display and the control devices</li> </ul>
	<ul style="list-style-type: none"> <li>The control PC is in sleep mode or the graphics card is set incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>Check whether the control PC is in sleep mode or monitor protection mode. If the control PC is not in sleep mode, check whether the graphics card is configured properly on the software</li> </ul>
Incomplete Picture or Incorrect Position of Picture Displayed	<ul style="list-style-type: none"> <li>The connecting file for the screen is incorrect.</li> </ul>	<ul style="list-style-type: none"> <li>Check whether the display's signal cable connection method is same to that of the loaded file xxxx.scr</li> </ul>
	<ul style="list-style-type: none"> <li>Receiving card signal cables between cabinets do not contact properly.</li> </ul>	<ul style="list-style-type: none"> <li>Check whether the signal cable is connected to the cabinet receiving card. If the receiving card is faulty, replace the receiving card</li> </ul>
	<ul style="list-style-type: none"> <li>The displaying position and screen size are set incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>Check whether Displaying Position and Screen Size on the software are set to actual screen size</li> </ul>
Screen Blinking	<ul style="list-style-type: none"> <li>The ports on the sending box are loose, or the signal cables are too long</li> </ul>	<ul style="list-style-type: none"> <li>Check whether the DVI cable and signal cable are connected to the display and devices, or whether the length of signal cables exceeds the maximum transmission distance (the effective transmission distance shall not exceed 10 m for DVI cable, 100 m for signal cable, 300 m for multi mode optical fiber, and 15 km for single mode optical fiber)</li> </ul>
	<ul style="list-style-type: none"> <li>The output resolution of the playing device or sending box is set incorrectly</li> </ul>	<ul style="list-style-type: none"> <li>Check whether the resolution of the playing device and the sending box is greater than or equal to the resolution of the screen</li> </ul>
Blinking of a Cabinet in the Display	<ul style="list-style-type: none"> <li>The output of receiving card or hub card is faulty</li> </ul>	<ul style="list-style-type: none"> <li>Check whether the receiving card signal cable and hub card in the cabinet are connected correctly</li> </ul>
	<ul style="list-style-type: none"> <li>The receiving card program is incorrect</li> </ul>	<ul style="list-style-type: none"> <li>Check the receiving card program for the cabinet or check the receiving card</li> </ul>
Failure in Lighting up of a Cabinet in the Display	<ul style="list-style-type: none"> <li>The power supply, receiving card, or hub card for the cabinet is faulty</li> </ul>	<ul style="list-style-type: none"> <li>Check voltage at the DC side of the power supply and the receiving card power supply. Check the receiving card signal indicator light in the cabinet. Check whether the hub card contacts properly with the receiving card</li> </ul>
	<ul style="list-style-type: none"> <li>Signal output of the previous cabinet is faulty</li> </ul>	<ul style="list-style-type: none"> <li>Check output signals of the receiving card of the previous cabinet, or replace the signal cable</li> </ul>

Failure in Lighting up Part of the Modules in the Cabinet	<ul style="list-style-type: none"> <li>• Output of the power supply for the modules is faulty</li> </ul>	<ul style="list-style-type: none"> <li>• Check DC voltage for the modules</li> </ul>
	<ul style="list-style-type: none"> <li>• Output of signal which controls the related modules is faulty</li> </ul>	<ul style="list-style-type: none"> <li>• Check the hub card ports or flat cables that control the modules</li> </ul>
General low light intensity	<ul style="list-style-type: none"> <li>• Dirty led surface</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the fixture regularly.</li> </ul>

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.











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