

Embedded Kart P10 Full Color LED Display Instructions

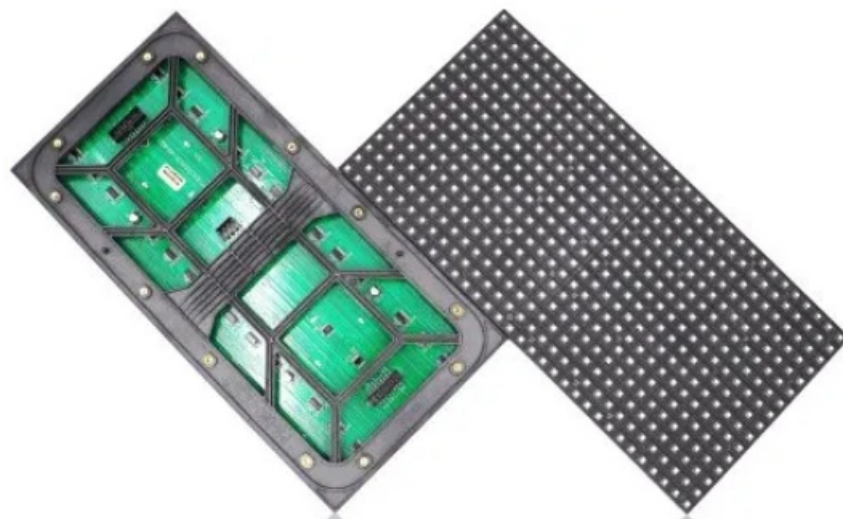
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Embedded Kart P10 Full Color LED Display



LED Screen Maintenance

Specifications

- Product Name: Magic Stage Series Full Color LED Display

- Usage: Indoor
- Ventilation: Well-ventilated
- Storage Environment: Dry, well-ventilated
- Temperature Range: Below 30°C
- Humidity Range: Low humidity

Product Usage Instructions

Installation and Operation User Manual

Before using the LED display, carefully read the Installation and Operation User manual provided by the manufacturer. Incorrect, incomplete, irresponsible, or unsafe use of the installation system may void any legal liability of the manufacturer.

Ventilation

Ensure that the indoor LED display is well-ventilated to allow for quick evaporation of adhering moisture and reduce humidity. Avoid ventilation under calm winds and wet weather.

Humidity Control

To reduce humidity damage, consider placing silica gel in the indoor storage environment. Silica gel acts as a physical hygroscopic agent, absorbing moisture from the air.

Dehumidification

If an air conditioner is present in the LED display installation place, turn on the dehumidification mode to reduce moisture levels.

Wet Wall Avoidance

Avoid placing the LED display cabinet near wet walls during wet and rainy weather to prevent contact with dew on the wall.

Storage Warehouse

Maintain a well-ventilated and dry environment in the LED display storage warehouse. Choose a high and dry location to prevent the entry of wet weather.

Flight Case Moisture-proof Treatment

If the LED screen is equipped with flight cases, ensure the flight cases are not exposed to rain. After each performance, pay attention to the moisture-proof treatment of the flight cases.

Cabinet Maintenance

After dismantling the LED display, clean water stains and dust from the two sides of each cabinet before storing them in the flight case. The internal space of the flight case must be clean and dry. If moisture is present, dry the cabinets in the sun or with a dryer. Avoid excessive friction between the cabinet and the inner part of the flight case.

Electrostatic Shielding

The indoor LED screen should not be installed in a damp environment, and the surface of the LED screen should not be directly touched by hand without being electrostatically shielded.

Air Conditioning

If the indoor environment lacks air conditioning or if the indoor temperature exceeds 30°C, an air conditioner is required for the indoor LED screen.

Regular Electricity Testing

If the indoor LED screen is not used for a long time, regular electricity testing is required. Perform electricity testing for at least 2 hours per week.

Temperature and Humidity Control

Maintain appropriate temperature and humidity levels for the LED screen to prevent serious damage.

Avoid High Organic Solvent Detergents

Avoid using high organic solvent detergents (such as kerosene or rust-proof oil) on the LED display cabinet to prevent damage.

Power Cable Check

For rental usage, check the condition of power cables every three months. For fixed installations, check the condition of power cables every year to ensure safety.

Handle with Care

Handle the LED display cabinet with care to avoid collision and strike.

Check for Loose Screws

Before using the LED display, carefully check the cabinet for any loose screws. Tighten them if necessary.

Steel Frame and Connection Check

Before installation, ensure the steel frame or rings are firmly in place. For screens that have been installed for a long time, regularly check the connection part for any loose components. If any loose parts are found, adjust, reinforce, or replace hanging parts promptly.

FAQ (Frequently Asked Questions)

- **Q:** Can I install the indoor LED screen in a damp environment?
- **A:** No, the indoor LED screen should not be installed in a damp environment as it may cause damage.
- **Q:** Do I need an air conditioner for the indoor LED screen?

- **A:** Yes, if the indoor environment lacks air conditioning or if the indoor temperature exceeds 30°C, an air conditioner is required.
- **Q:** How often should I perform electricity testing for the indoor LED screen?
- **A:** For long periods of non-use, perform electricity testing for at least 2 hours per week.
- **Q:** Can I use high organic solvent detergents to clean the LED display cabinet?
- **A:** No, avoid using high organic solvent detergents such as kerosene or rust-proof oil on the LED display cabinet to prevent damage.
- **Q:** How often should I check the power cables?
- **A:** For rental usage, check the condition of power cables every three months. For fixed installations, check them every year for safety.
- **Q:** Can I touch the surface of the LED screen directly with my hand?
- **A:** No, the surface of the LED screen should not be directly touched by hand without being electrostatically shielded.
- **Q:** What should I do if I find loose screws in the cabinet?
- **A:** Before using the LED display, carefully check the cabinet for any loose screws and tighten them if necessary.
- **Q:** How often should I check the steel frame or rings?
- **A:** Before installation, ensure the steel frame or rings are firmly in place. For screens that have been installed for a long time, regularly check the connection part for any loose components.

LED Screen Maintenance

Proper Use of the LED display is very important for the long lifespan of the LED display and the proper function. Daily maintenance of the LED display must be finished carefully.

1. Please read the Installation and Operation User manual of the Magic Stage series Full Color LED Display carefully. The manufacturer does not take any legal liability of the consequence due to the incorrect, incomplete, irresponsible, or unsafe use of the installation system.
2. Indoor LED display need to be well-ventilated, so the adhering moisture can be evaporated quickly, to reduce the humidity of the inside environment. But, please avoid the ventilation under calm winds and wet weather.
3. You can put silica gel in an indoor storage environment, adopt physical hygroscopic, to reduce the humidity in the air, and reduce the moisture damage.
4. If there is an Air conditioner in an LED display installation place, you can turn on the dehumidification mode to reduce the moisture.
5. Wet and rainy weather can cause the dew on the wall, please keep the cabinet away from the wet wall, to avoid contact with the dew on the wall.
6. Please keep the LED display storage warehouse to be well-ventilated, dry environment is a must. You can't let the wet weather inside the warehouse, please choose a high and dry location.
7. If the LED screen is equipped with flight cases, the flight cases should not be exposed to rain. After each performance is completed, please pay attention to the moisture-proof treatment of the flight cases.
8. Dismantle the LED display after the events, please clean the water stains and dust on the two sides of each cabinet before putting them into the flight case, the internal space of the flight case must be clean and dry, if there is moist, you must dry them in the sun, or dry it with the dryer. At the same time, too much friction should be avoided between the cabinet and the inner part of the flight case.

9. The indoor LED screen can not be installed in a damp environment, and the surface of the LED screen cannot be directly touched by hand without being electrostatically shielded.
10. Air conditioning is required for indoor LED screens if the indoor environment is without air conditioning or the indoor temperature is higher than 30 °C.
11. Regular electricity testing is required for indoor LED screens if a long time no use. (regular electricity testing standard: at least 2 hours in a week)
12. Appropriate temperature and humidity are required for the LED screen, otherwise, it will damage the LED screen seriously.
13. Avoid the cabinet work under the conditions of high organic solvent detergent (such as kerosene, rust-proof oil, etc).
14. In order to ensure safety, please check the condition of power cables every three months for rental usage, and every year if fixing installation.
15. Handle the LED display cabinet with care, and avoid collision and strike.
16. Check the cabinet carefully to make sure there is no loose screw before using.
17. Please confirm the steel frame or rings are kept in place firmly before installation, for the screen has already been installed for a long time, and regular checking of the situation of the connection part is required. If found any loose part, adjust it timely, reinforce or change new hanging parts in time.
18. Keep the whole cabinet frame structure away from oil, acid, and other corrosive materials.
19. Pay attention to the anti-static work of the screen body, do not touch the LED face directly by hand, and wear gloves when you install and debugging of the screen.
20. The null line and firing wire of the power cable in a computer or the control system can't be connected reversely; it should be connected strictly according to the original position.
21. If the power switch happens frequently, please check the screen body or replace the power supply switch.
22. Please power on the PC first, and then power on the LED screen; Turn off the LED display first, and then turn off the PC (If turn off the PC first, it will cause bright pixels, high burnt lamp ratio, the consequences will be very serious).
23. If there is a short circuit, switch trip, wire burning, smoke or other abnormal phenomena after movement, please don't repeat the power on the test, and check the problem timely.
24. Master the installation method, the original data recovery, backup, and controlling parameter setting, and basic data preset modification.
25. Inspect virus regularly, and remove irrelevant data.
26. Software operation is under professional engineers.
27. Please pay attention to protecting the LED lamp on the 4 sides of each cabinet when you install the LED display, to avoid damage to the LED lamps.
28. Regarding the maintenance of the connectors:
 - Fill the cleaning liquid with the cleaner guns, such as DJW-618X cleaning liquid (Major elements is: Dichloroethane, Trichloroethane or ethyl Alcohol).
 - Pointing the cleaner guns in a 45-degree, distance of around 10-15cm, pointing to the dirty area of the connectors, press the switch , and spot-spray clean the dirty area. Attentions about cleaning the connectors:
 - a cleaner gun is high-pressure, and pointing to people is very dangerous. Please keep it in a high position after use.
 - please wear a mask and protective glass, to avoid the cleaning liquid splashing into the human eyes and

- Cleaning work should be arranged in a natural ventilation atmosphere, or an open area.

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- User Manual