

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 do 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 evaporate 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 a indoor storage environment, adopt physical hygroscopic, to reduce the humidity in the air, reduce the moisture damage.
4. If there is Air conditioner in a LED display installation place, you can turn on the dehumiditication 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 the 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 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 cabinet and inner part of the flight case.

9. The indoor LED screen can not be installed in damp environment, and the surface of LED screen cannot be directly touched by hand without being electrostatically shielded.
10. Air condition is required for indoor LED screen if the indoor environment without air condition or the indoor temperature is higher than 30 °C.
11. Regular electricity testing is required for indoor LED screen if long time no use. (regular electricity testing standard : at least 2 hours in a week)
12. Appropriate temperature and humidity is 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 the safety, please check the condition of power cables every three months if rental usage, every year if fixing installation.
15. Handle the LED display cabinet with care, 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 already been installed for a long time, regular checking 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 material.
19. Pay attention to the anti-static work of the screen body, do not touch the LED face directly by hand, wearing gloves when you install and debugging of the screen is recommended.
20. 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 happened 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 PC (If turn off the PC first, it will cause high bright pixel , high burnt lamp ratio, the consequences will be very serious).
23. If there is short circuit, switch trip, wire burning, smoke and other abnormal phenomenon after movement, please don't repeat power on test, and check the problem timely.
24. Master the installation method, the original data recovery, backup, and controlling parameter setting, basic data preset modification.
25. Inspect virus regularly, and remove irrelevant data.
26. Software operation is under professional engineers.
27. Please pay attention to protect the LED lamp on the 4 sides of each cabinet when you install the LED display, to avoid damage the LED lamps.
28. Regarding the maintenance of the connectors:
 - a. Fill the cleaning liquid to the cleaner guns, such as DJW-618X cleaning liquid (Major element is: Dichloroethane, Trichloroethane or ethyl Alcohol).
 - b. Pointing the cleaner guns in a 45 degree, distance around 10-15cm, pointing to the dirty area of the connectors, press the switch , spot-spray clean the dirty area.Attentions about cleaning the connectors:
 - c. cleaner gun is high pressure, pointing to the people is very dangerous. Please keep it in a high position after use.
 - d. please wear mask and protection glass, to avoid the cleaning liquid splash into the human eyes and mouth.
 - e. Cleaning work should be kept far away from fire. Firework is prohibited.
 - f. Cleaning work should be arranged in a natural ventilation atmosphere, or the open area .