

# LED display acceptance inspection checklist

Installation Inspection			
No.	Inspection Item	Inspection Item	acceptance inspection ( √ )
1	Exterior Inspection	-Ensure that the LED display cabinet or modules are free of damage.Surface evenness should be within $\pm 1$ mm.	( )
2	Structural Stability Check	- Installation structure must be resistant to wind and seismic forces, meeting relevant requirements. Screw torque should be within the range of 15~20Nm.	( )
3	Heat Dissipation Equipment Check	- Adhere to company requirements for heat dissipation equipment setup to prevent damage due to overheating.	( )
4	Exterior Cleanliness	- Ensure that the display screen's exterior is clean and free of debris (e.g., glue, foam, oil stains).	( )
Electrical Connection Inspection			
5	Connection Method Check	- Follow the system connection diagram provided by the company for signal and power line connections. Ensure the correct installation orientation of the Brain box.	( )
6	Grounding Check	- Test whether the display screen's grounding is properly connected.	( )
7	Power Supply Check	- The power supply voltage and current must meet the requirements of the LED display.	( )
8	Waterproofing Check	- Ensure correct installation of waterproof seals at cable connection points. All connectors for power and signal lines must be correctly tightened to prevent water ingress.	( )
9	Brain Box Check	- The control box must be installed with the indicated orientation facing upward, not horizontally or inverted. Ensure correct installation of control box antennas and sensors (if applicable).	( )
10	End Connector Check	- End connectors must be sealed with waterproof sealing caps to ensure stable signal and power transmission.	( )
Display Functionality Inspection			
11	Program Playback Check	- Ensure that the displayed programs are clear, complete, and free of color discrepancies, flickering, etc. The program size should match the actual requirements.	( )
12	Mosaic Check	- Observe for mosaic patterns, i.e., constant lit or dark small squares on the LED display, and prevent module dead pixels. Avoid mosaic phenomena.	( )
13	Brightness Adjustment Function Check	- If brightness adjustment is available, test whether the brightness sensor is correctly installed and functioning effectively. Ensure that the brightness sensor is unobstructed.	( )
14	Communication Functionality Check	Test program transmission functionality according to the communication method used, ensuring complete program transmission.	( )