

LED SCEEN USA



◆ Introduction

LED Ball Display or LED Sphere Display / Spherical LED display view angle is 360 degree, clearly display. Full color LED Sphere Display is a new arc display, special designed for rental industry. Adapt for mobile projects, light weight easy carry. Especially the 10mm LED ball comes out, is very popular all over the world.

◆ LED full color ball

1. 360 degree view angle, full color.
2. New technical , new design.
3. Normally use in hotel, stage, club etc.
4. Shinning color, impressed display.

◆ LED specifications

1. Mobile, hanging install, set install, full in aluminum construction design
2. The diameter according to customers' requirements, digital control finish
3. Synchronous & asynchronous control display
4. Good cooling, insurance the led ball stability

◆ Technical Parameters

LED Ball Display	
Parameter:	DIAMETER -1M
Pixel Pitch	10mm
LED Configuration	3-in-1 SMD(3528)
Pixel Density	10000 Pixels /m ²
Brightness	≥2000cd/ m ²
Scanning Mode	1/4 Scan
Gray Scale	≥12 bit
Refresh Frequency	≥600HZ
Viewing Angle	(H)≥120°
	(V)≥120°
Diameter	1000mm
Weight	70Kg(max)
Work Consumption	2000W/cabinet(max)-1000 W/cabinet(avg)
Working Temperature	-30°C~60°C
Life Time	≥50000h
Work Voltage	90V-260V 50-60Hz
IP grade	IP40

◆ Installation

1. Hanging Installation



Hanging install accessories

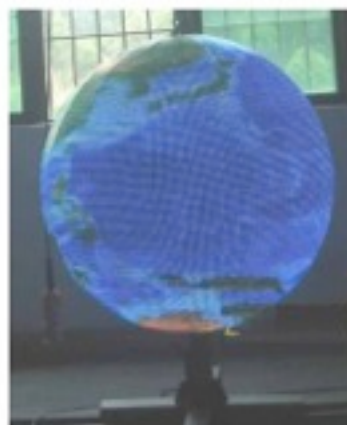


Electric hoist

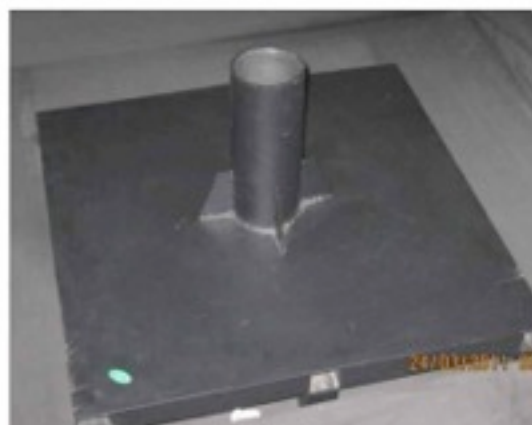


Chain hoist

2. Set Installation



Set install accessories



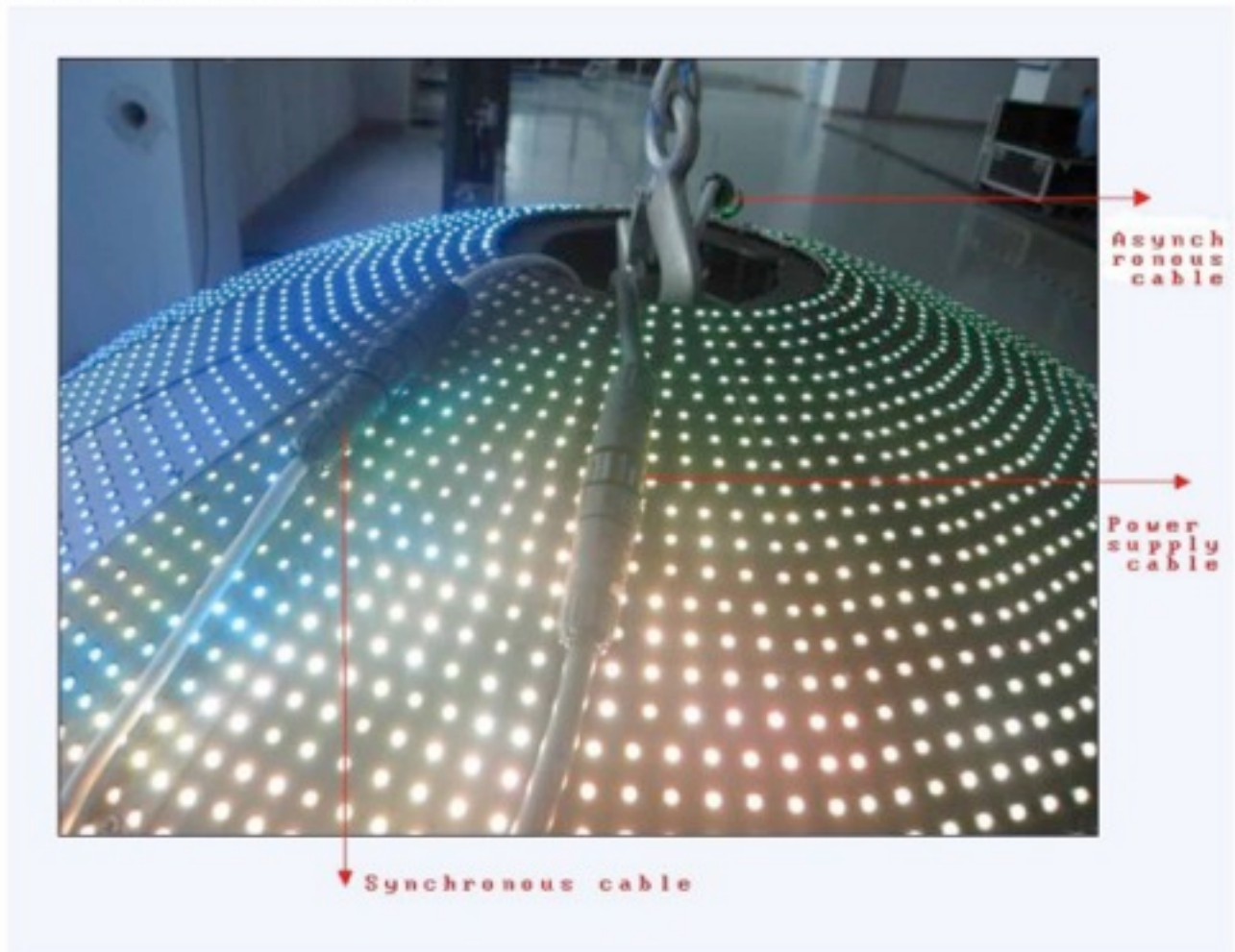
◆ LED diameter

The LED Sphere Display diameter are customization. Such as 1m,2m,3m etc.

◆ System

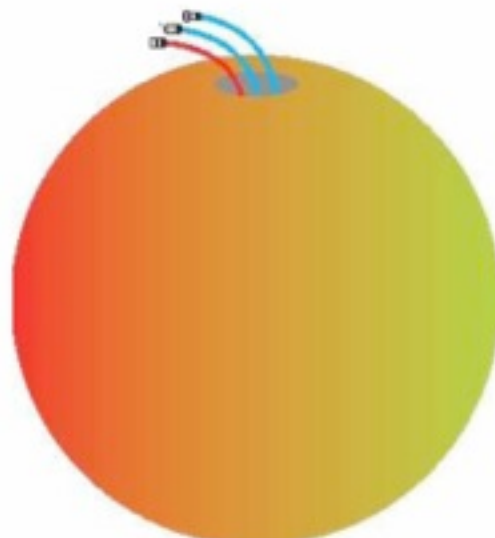
Control System: DB star

Control Way: Synchronous & Asynchronous



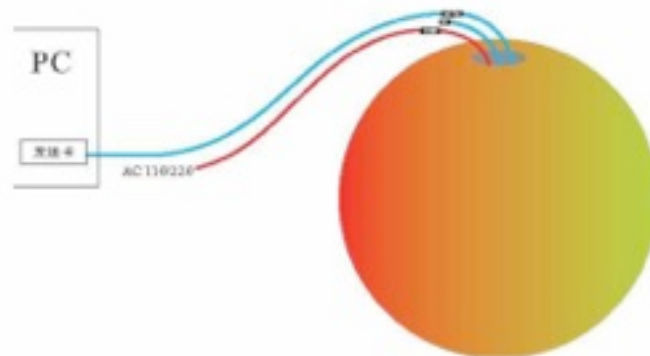
◆ Connect & working way

1. Connect cable introduce:



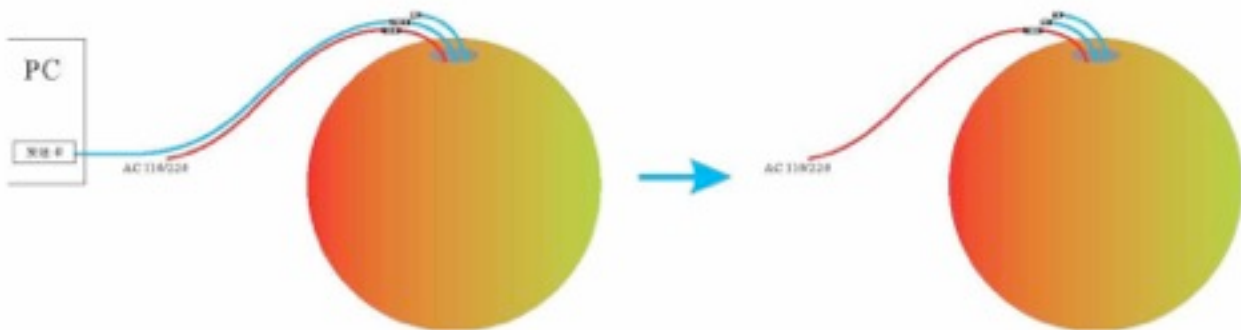
2. Online control

Online (Synchronous) control: Directly connect the power supply, Meanwhile connect the synchronous cable into receiving card port of pc, After setting display content on software and play it, then the sphere led display will normal working. Save the setting files before power off, Then it will display the previously saved content next time.



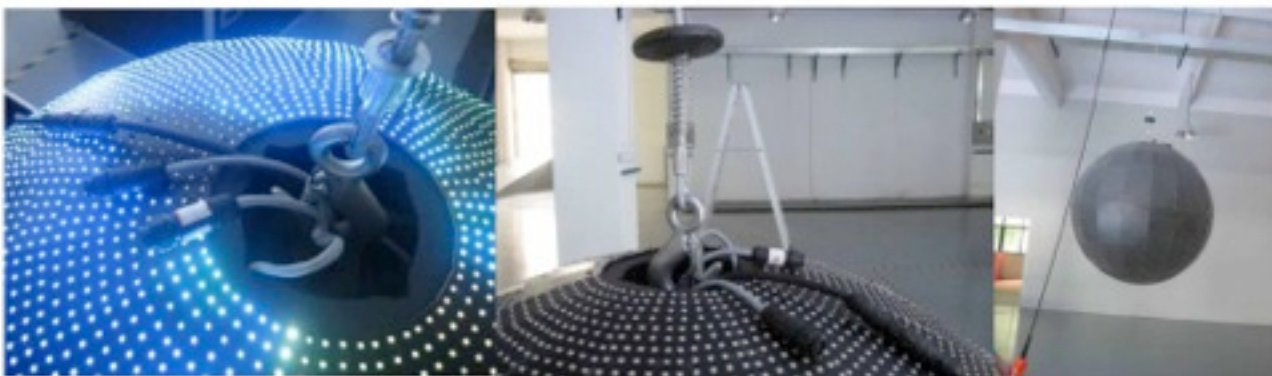
3. Offline control

Offline (Asynchronous) control: Directly connect the power supply, Meanwhile connect the asynchronous cable into the normal cable port of pc. Then, the LED sphere display will normal working. Set display content and sending to led sphere display, It will receive files after several seconds and automatically saved into built-in memory card. It will play same content without save files eventhough you power off immediately.

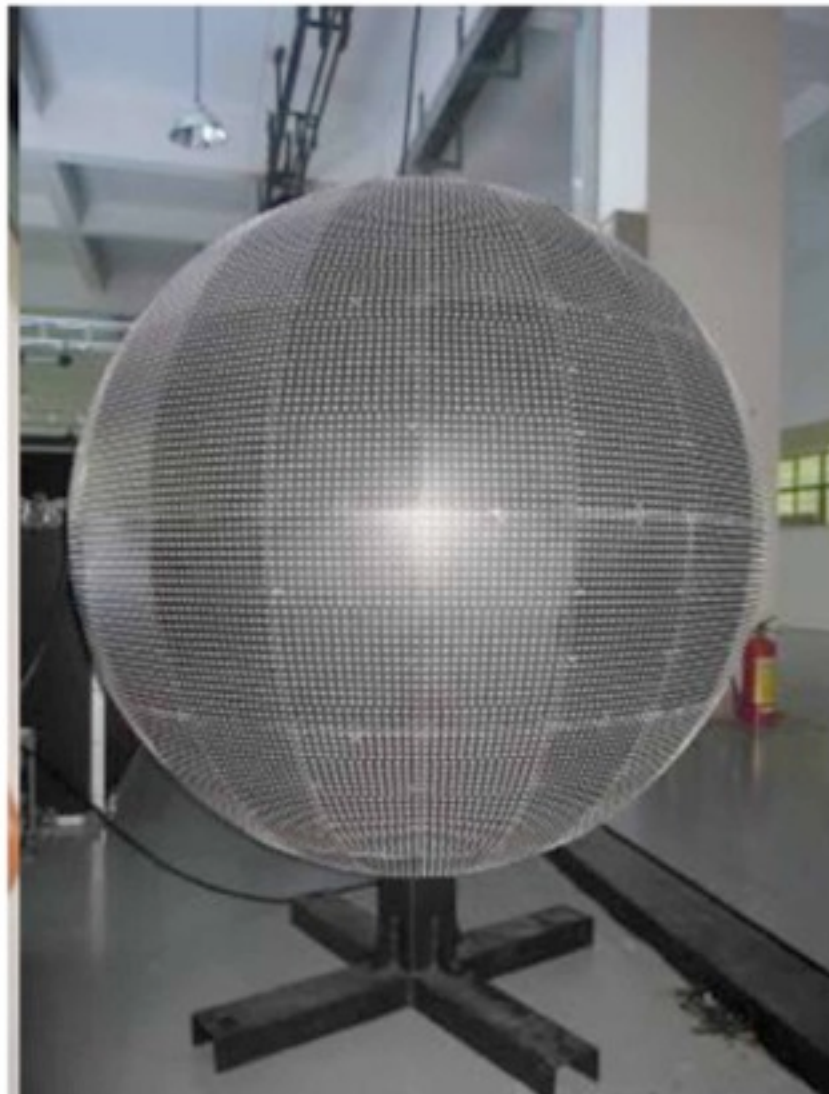
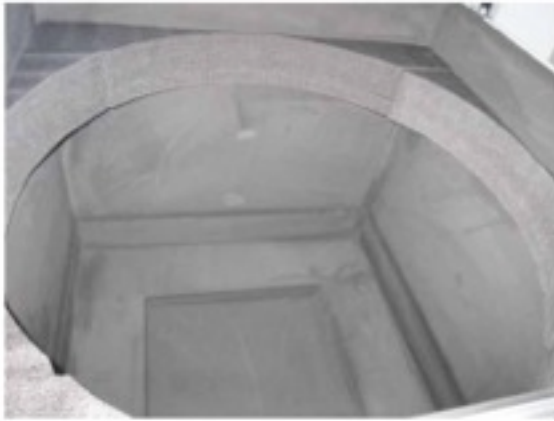


◆ Installation & Package methods:

- 1> Three connector: Power supply, Synchronous & Asynchronous cable
- 2> Electric Automatical Rope Hoist & Hand hoist (Optional)
- 3> Flight case with built-in pearl foam & Steel Chassis base
- 4> Flight case net weight: 107kg ;Dimension: 1.09X1.09X1.49m
- 5> G.W around 310kg; Volume weight:370kg



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