



南京法高  
Nanjing Fagoo

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# NJ FAGOO ELECTRONICS CO.,LTD.

Nanjing Fagoo Electronic Technology Co., Ltd. is a professional screen production enterprise integrating product research and development, production, sales and construction services, and is also an excellent theme digital experience overall solution provider in China.



At present, Nanjing Fagoo can provide users with project consulting, project planning and design, project construction, equipment supply, special effects film production, engineering installation and contents of the "intecommissioning, after-sales service and other graded service".



## INDUSTRY CERTIFICATIONS





# 4D CINEMA

4D cinema is an evolution of the traditional 3D cinema, compared to other types, it features advantages of more prominent theme, higher technology content, more lively image, stronger visual impact etc. With the development of film entertainment technology, also in response to market demand, meticulously-designed smoke, rain, lightening, bubble, etc. are introduced into cinemas to create a breath-taking experience,

and this is what we call a 4D cinema that has become a global phenomenon, it stimulates people's visual, auditory, olfactory, tactile senses during watching, therefore enables all-around immersive experiences for audiences.







# LARGE-SCREEN CINEMA

(LED DISPLAY/PROJECTION)

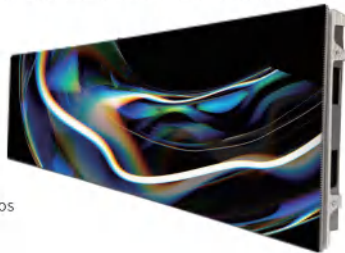
Compared to typical film screens, the giant screen is much larger with slight curvature, which makes the whole theater look like a basketball court being turned up achieving expanded peripheral view for audiences. In addition to its screen, “giant-screen film” has also core projector technologies and world top-class digital surround sound system, therefore creates images of higher definition and a cinema effect that is more vivid and lifelike. The super sound system and tens of thousands of perforations on the screen ensures same sound quality and volume at every corner of the theater, audiences can enjoy the same sound quality and effect regardless where they sit.





# LED INSIDE DISPLAY BALL SCREEN FEATURES

1. Specifications: meet 4K and 8K resolution requirements;
2. LED active luminescent display technology, nanoscale response time;
3. The screen adopts low brightness and high gray technology, the screen brightness is from 100 to 1000CD/M2, and the broadcast level image processing technology is freely adjusted. The 14bit gray scale is adopted, and the transition is more perfect and natural:
4. Broadcast image processing technology, using 14bit gray scale, more perfect and natural transition
5. Using LED color optimization technology, higher color purity and wider color gamut
6. Long service life, available &gt; 10 years time,LED life of 100,000 hours
7. The use of China's high-end LED lamp beads, effectively improve video contrast and color gamut coverage;
8. The use of ultra-black, sound absorption mask, absorb diffuse light, improve the picture contrast, absorb the first and second reflection sound, make the sound more accurate
9. Using post-installation and post-maintenance technology, replacing the panel is more simple and convenient
10. Using panel opening technology, opening rate is greater than 30%, convenient installation of sound system
11. The 7.1 channel sound effect is really shocking
12. The use of dual server system, can play stability
13. Use remote monitoring and updating technology, service in one step;
14. Active 3D stereo playback system can be installed according to user requirements
15. Support 4K, 8k videos, downward compatible with 3K, 2K videos



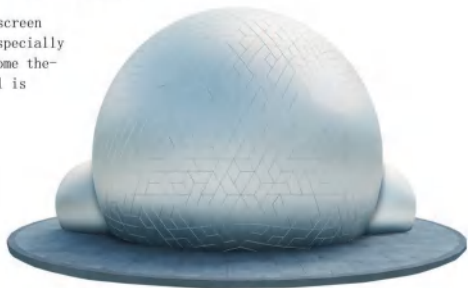


# DYNAMIC DOME CINEMA

(LED DOME SCREEN / PROJECTOR DOME SCREEN)

Dynamic dome cinema is also called dome movie or dome-screen movie, dome movie fusion system is a high-end product specially developed for planetariums, science museums, digital dome theaters. 360° dome movie is a new type, the audience hall is dome-shaped while the screen is in the shape of a hemisphere, the whole screen looks like the sky encircling audiences inside, everywhere they look it's all colorful and vivid movie screen.

When the viewing angle goes beyond 150° the special change will bring on a fantasy world and enable stronger immersive experiences. It is widely used in large amusement parks, scenic spots, science museums, museums etc.





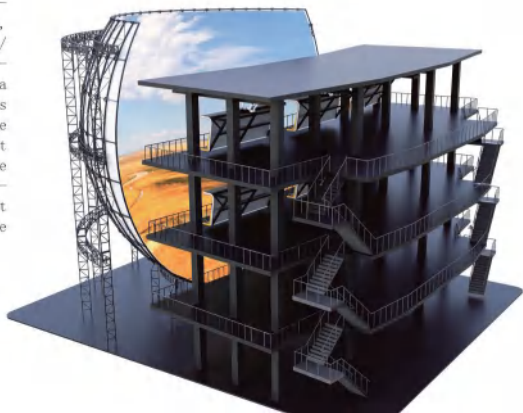


# FLYING DOME CINEMA

(LED DOME SCREEN / PROJECTOR DOME SCREEN)

There are two types of screen for flying cinema: LED screen and projector screen, they are used in large theme parks for virtual flying experiences. The dome stands at vertical 90 degree, audiences are suspended in the air to watch while the screen image covers their whole front view, which best fits people's typical way of watching. The video image is usually panoramic photos taken with a fish-eye lens, therefore is able to create a feeling of swimming in the air for audiences.

Flying cinema is also called overhead 4D cinema, it's made of giant dome screens, dynamic seats, suspension / lifting systems, special effect systems etc., the suspension / lifting system intensifies flying and immersive experiences. Such a cinema creates a grand and magnificent movie scene, the seats that audiences sit in during film watching are computer-controlled to rock, sway, tilt upward / downward to simulate flying, there are also the meticulously-designed air blowing, scent etc. Audiences will be able to get an unprecedented experiences of flying above in air.

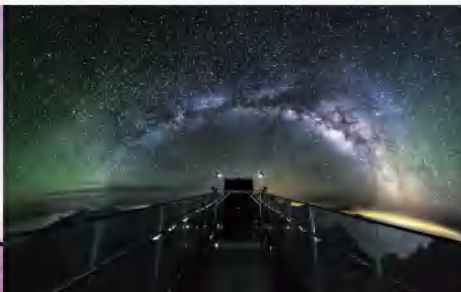




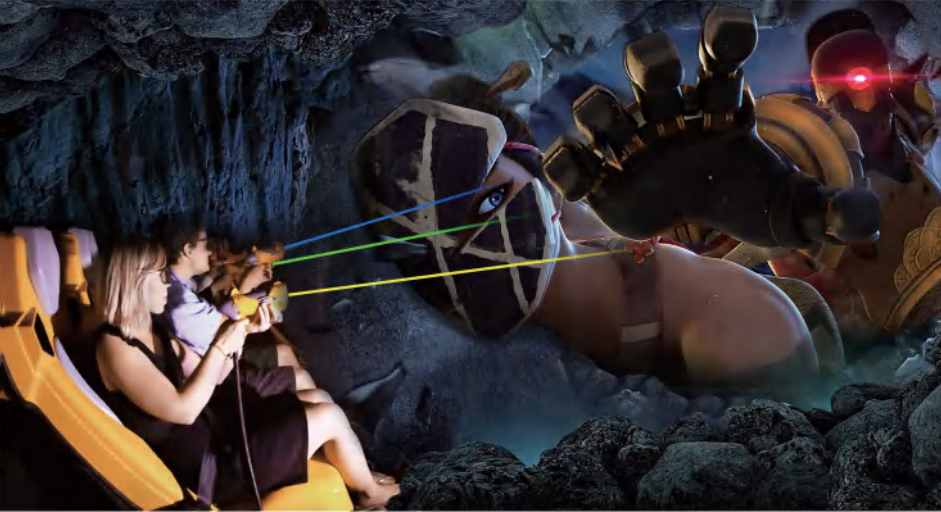
# 720° PANORAMIC DOME CINEMA

(LED DOME SCREEN / PROJECTOR DOME SCREEN)

720° panoramic dome cinema is also called 720° I-MAX dome, the screen is a whole sphere, audiences stand in the center to watch from any angle they want including vertical 360° and horizontal 360°, entering into such a totally transparent space is like walking into a “magic box”, travelling through time into a fantasy world surrounded by panoramic movies full of visual thrills and breath-taking appeal. It creates real totally-immersive experiences in an fully-enclosed unique environment.



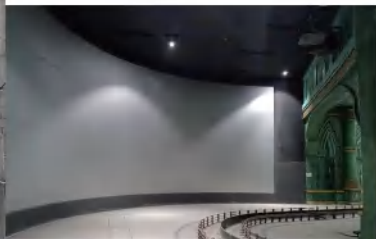




# DARK RIDE

With high-tech approach and cinema as the carrier, the screen combined with surrounding settings gives a great encirclement of the theater and helps achieve great immersive experiences. World first-class projection fusion technology brings audiences into a world of wonder with immersive experiences while they watch beautiful images and enjoy the show.

Dark ride integrates 3D film, dynamic rail cart, stunt show, virtual interaction etc. all together to lead audiences into a fantasy world made up of real settings and 3D films, feeling in real time bumps & jolts, "wind, rain, lightening, thunder" etc. as if they themselves were part of the film. Large interactive machines / devices, as well as perfect integration of surrounding settings with the screen help intensify the space for audiences to enjoy endless experiences, send them into an all-new world of thrills, excitement to immerse them with extreme joy and entertainment.





# METAVERSE DIGITAL EXPERIENCES

Metaverse is a kind of immersive experience, it brings you into a digital world, typically 3D, where you can interact with other visitors, virtual objects, and the environment. Some metaverse experiences bring visitors into a fully-enclosed virtual reality, others use augmented reality to integrate virtual experiences into the physical world. There are also immersive experiences provided via network and other platforms. Metaverse is unique as it is a generic, shared, interactive, and online virtual world, an economy that runs at full function in real time.

