

Espedeo PM-2000B

3D Polarized System and Polarized Glasses

Perfect for realistic and fully immersive 3D movie experience



The Espedeo PM-2000B is a standalone 3D polarized system specially developed for Espedeo Supra-5000 RGB+ laser phosphor cinema projector, making it the perfect solution for mini-theatres and home cinemas. The PM-2000B is designed for easy installation and operation by detecting 2D and 3D signals, which enables the system to shift corresponding working positions automatically. The PM-2000B is suitable in any orientation whether fixed on a pedestal or hung on a ceiling. Combined with Espedeo passive 3D glasses, you'll experience vivid and lifelike 3D imagery with bright accurate colors.

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Key benefits

1 Espedeo PM-2000B's liquid crystal splitter can identify 2D / 3D signals and change its positions accordingly with a motorized bracket. When playing a 3D movie, the liquid crystal splitter will move in front of the lens automatically. When playing a 2D movie or there is no movie, the liquid crystal splitter will move back automatically to its standby position.



2 Multiple coatings with unique polarized light technology helps to project bright, clear images by precisely and efficiently varying the polarity of light passing through it. With a screen linear polarization ratio 100:1, the luminous efficiency measures over 30% with customized single beam.



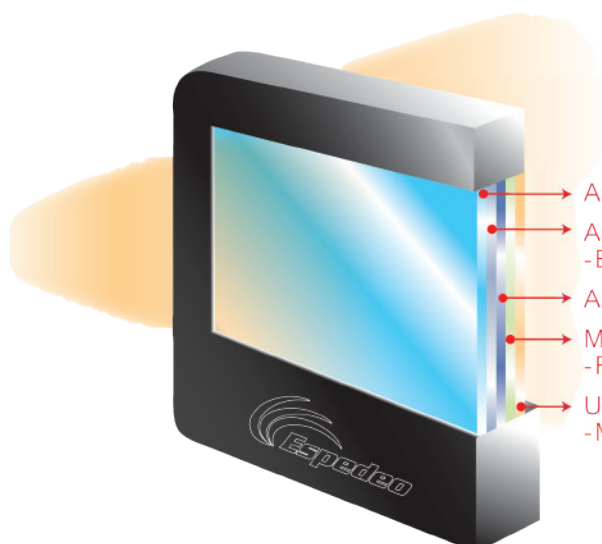
3 Compact and super light, weighing less than 4 kilograms (8.82 pounds).



4 Easy maintenance with modular parts. The liquid crystal splitter can be cleaned effortlessly. Also, the polarized 3D glasses are replaceable in case of damage.



5 Simple installation and fast connection with fan-less design. The Espedeo PM-2000B can be easily installed by placing it in front of the Supra-5000 laser cinema projector's lens with brackets provided. The motorized brackets obtain its motor power totally from the projector (no external power supply is required). The connection is simple with only two cables required between the 3D system and Supra-5000.



Multiple coatings

- Anti-grease coating
- Anti-reflection coating
- Boosts light efficiency
- Anti-scratch coating
- Metallic coating
- Facilitates heat evacuation, and minimizes crosstalk
- Ultraviolet (UV) coating
- Maintains light efficiency for a longer period of time

3D Espedeo 3D polarized glasses

- Finest circular polarized passive glasses work perfectly with Espedeo PM-2000B
- Ultra-lightweight and comfort
- Deliver crisp and crystal-clear 3D images
- No battery required
- Available in adults, kids and clip-on versions

Passive 3D polarized adult glasses

Espedeo LPG05-E



Passive 3D polarized clip-on glasses

Espedeo LPG-08



Passive 3D polarized kid glasses

Espedeo LPG06-E (yellow)



Espedeo LPG07-E (blue)

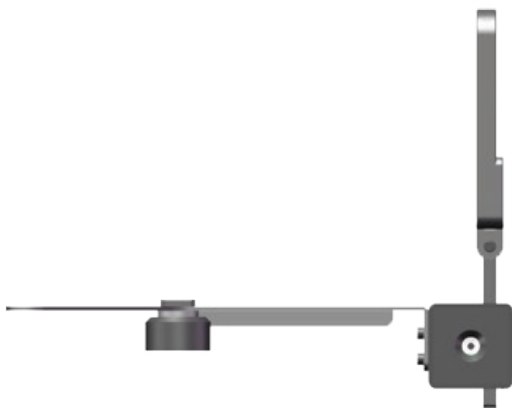


Specifications

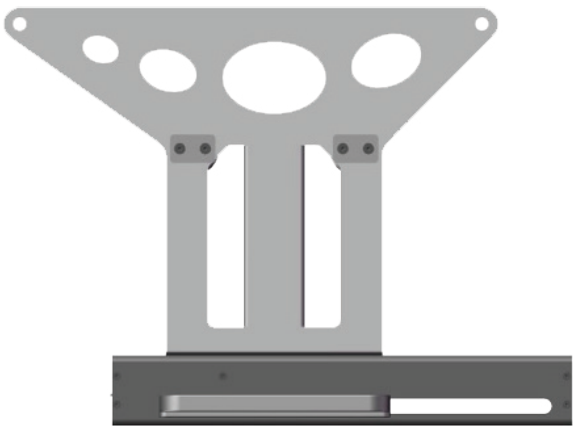
Luminous efficiency	≥30%
Contrast ratio	>200:1
Cross-talk rate	<0.5%
Response speed/time	<0.15 milliseconds
Window size of liquid crystal splitter	132 x 66mm
Operating temperature	0~50°C
Relative humidity (RH)	≤60%
Polarization type	circular
Synchronization signal input	3D interface (15pin)
System power consumption	<12W
Input power	12V DC 1A (connected from 3D interface)
Screen linear polarization ratio	100:1
Glasses	Espedeo polarized 3D glasses
Dark time	800μs
Delay time	-120μs
Shipping weight	3.2 kg / 7.05 lbs
Net weight	2.66 kg / 5.86 lbs



Front View



Side View



Top View