

Espedeo Supra-5000

The award-winning cinema projector designed for mini-theatres

Perfect for the movie-theatre-like experience at home and at sea



red dot winner 2020

Ideal for boothless



Quiet



Light



Small



Ceiling
mount



No
hush-box

The Espedeo Supra-5000 is a DCI-compliant digital cinema & secured media projection system featuring ALPD 4.0 RGB+ laser phosphor technology to deliver vibrant colors. The Supra-5000 is compact, lightweight and quiet with noise levels below 35dB(A) making it an ideal digital cinema solution for boothless mini-theatres.

Now it is possible to build a mini-theatre with less construction constraints and FF&E costs. The Supra-5000 is so compact that it does not require a standard projection booth. By facilitating ceiling mount without a hush-box, the Supra-5000 also opens the door for non-traditional exhibition options such as hotels, screening rooms and yachts.

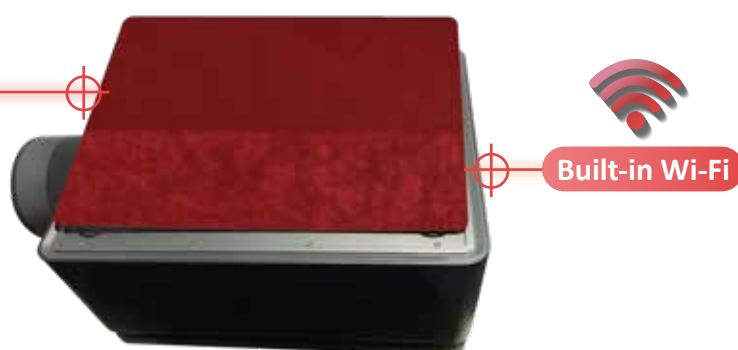
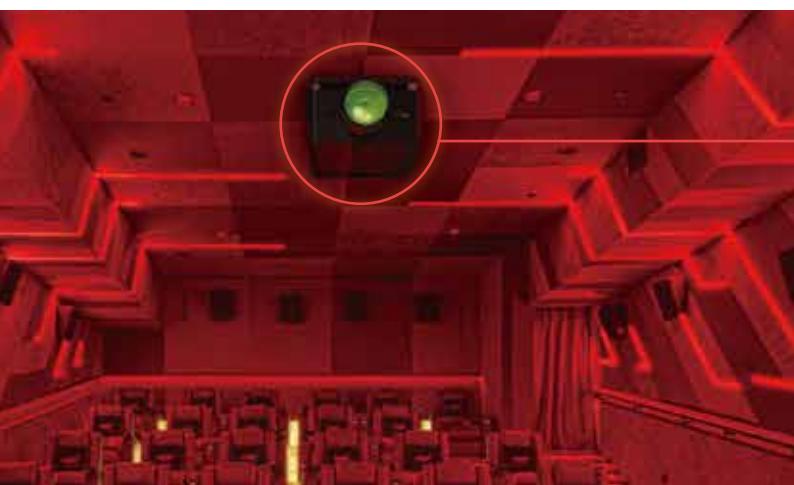
With its unique design, the small form factor of the Supra-5000 is achieved with GDC's All-in-One Board (DCI-compliant Media Server, Integrated Cinema Processor [ICP] and DMD Formatter Board) to help lower the total cost of ownership, and improve reliability and serviceability. With GDC's All-in-One Board, the Supra-5000 is compliant with Hollywood's digital right management based on digital cinema's KDM and DCP playback.

The Supra-5000 demonstrates the best possible projection system for mini-theatres and alternative venues from renowned technologists: Appotronics, GDC and Texas Instruments.

Features

- 1 Specifically designed for in-auditorium ceiling mount (no hush box). It is smaller, lighter and quieter when compared to other cinema projectors with the same brightness level.
- 2 Air cooling without exhaust.
- 3 Laser phosphor digital cinema projector with the world's leading ALPD 4.0 technology, achieving 99% of Rec.2020 color gamut.
- 4 Light engine and lens are designed with IP5X level of dustproof protection for maximizing brightness.
- 5 Lumens output: 5000 lumens with DCI colors.
- 6 Affordable DCI-compliant projection system offering amongst the lowest TCO thanks to its architecture and advanced technology.
- 7 Built-in GDC's All-in-One-Board, which is designed with near-zero maintenance electronics and tested for 100,000 Mean Time Between Failures (MTBF).
- 8 GDC's All-in-One Board provides diskless CineCache™ (built-in cache memory). Content ingest and playback can be performed concurrently without local HDD storage. Incredibly fast ingest during playback.
- 9 Audio key feature coming soon: optional built-in digital cinema audio processor to playback movie titles in uncompressed audio tracks, which reproduces the most accurate sound possible.
- 10 Supports GoGoCinema™ cinema-on-demand platform with GDC Cinema Automation 2.0 that enables the playback of thousands of movies and auto power-on/power-off for projector's laser according to the pre-set schedules.*
- 11 Supra Command Center: an intuitive web-based control UI connected to projector's built-in Wi-Fi that can be accessed with a desktop, a laptop or a tablet.
- 12 Option to customize magnetic cover to match with your ceiling color.

Option to customize magnetic cover to match with your ceiling color



Supra Command Center

- Integrated projector and media-player control
- Screen setup and management
- Cinema Automation setup
- Show scheduling with Auto-Playlist
- Intuitive web-based user interface
- Touch-panel tablet APP or PC web-browser



* Please visit www.gdc-tech.com for Cinema Automation CA2.0 and www.gogocinema.com for cinema-on-demand information.
Note: tablet or handheld device required but not included.



Powered by
GDC All-in-One Board, ALPD 4.0 and CineAppo



*Thanks to its sophisticated technical features,
the Espedeo Supra opens up areas where
professional projection had not been possible before.*

— The jury of Red Dot Design Award —



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Experience the **ease of building mini-theatres**



Espedeo Supra-5000 specifications



CINEAPPO



Light source type	ALPD 4.0 RGB+ laser phosphor technology
Motorized lens	1.28-1.92:1, 0.8:1
Lens shift	V : $\pm 50\%$ & H : $\pm 25\%$
Resolution	2048 x 1080 pixels
Contrast ratio	2,000:1
Screen size	Up to 6m (20ft) wide (screen gain 1.0@14fL)
Color gamut	DCI-P3
Projector brightness	5,000 lumens
Laser lifetime	Up to 30,000 hours depending on mode of operation
Digital Micromirror Device (DMD)	0.49" TRP
Light engine protection level	IP5X
Noise level	$\leq 35\text{dB(A)}$ (no hush box design)
Cooling	Air cooling without exhaust
Video input	HDMI 1.4 (2 x Type A receptacle)
System interfaces	1 x Wi-Fi - IEEE 802.11n 2 x Gigabit Ethernet (1GbE/RJ-45) 2 x USB 3.0 (A-Type Female) 8 x GPI (2 x RJ-45) 8 x GPO (2 x RJ-45) 1 x BNC (LTC-OUT)
Audio output	16/24-bit AES/EBU, 16 channels, 48/96 kHz (2 x RJ-45)
DCP playback	DCI-compliant JPEG 2000 2K – 24, 25, 30, 48, 50, 60 SMPTE digital cinema package (DCP), Interop DCP
Video processing features	<ul style="list-style-type: none"> • Color-space conversion – supports YCbCr709, REC 709, X'Y'Z', YCxCz • Deinterlacing • Scaler to support 2K
Security	<ul style="list-style-type: none"> • NexGuard® forensic watermarking • FIPS 140-2 (Level 3 security certified)
Subtitles	Subtitle overlay
Closed captioning device	Support SMPTE430-10
Integrated storage with options	<ul style="list-style-type: none"> • 2TB CineCache™ • 2TB HDD RAID-5
External storage with options	Capable of directly connection to and designed for use with up to 204TB SCL Mk2 Series Centralized Playback Server
Supra Command Center	<ul style="list-style-type: none"> • Integrated projector and media-player control • Screen setup and management • Cinema automation setup • Show scheduling with auto-Playlist • Intuitive web-based user interface • Touch-panel tablet APP or PC web-browser
Dimensions (W x D x H)	472 x 801 x 275 mm / 18.58 x 31.53 x 10.83 in. (without lens)
Weight	45 kg / 99.2 lbs (without lens)
Power requirement	200-240V 50/60 Hz or 100-120V 50/60 Hz dual live line
Power consumption	750W
Operating temperature	5°C to 35°C (41°F to 95°F)
Storage temperature	-10°C to 60°C (14°F to 140°F)
Operating humidity	10% to 85% RH (Max.)



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Perfect for mini-theatres, boothless no hush-box installation

Patent Pending

PB-1025-2008-V1E