

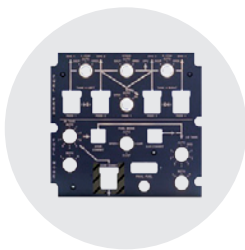
Paramount Panels



Paramount Panels UK is a specialized lighting company, with 50 years experience in the aerospace and defense industry. Their past and continuing work with some of the world's finest manufactures of Civil and Defense Aircraft, Avionics, Fighting Vehicles and Marine Industries has maintained their lead in the development of innovative products. The performance of their lighting products, in conformity with the relevant specifications, is verified by photometric and radiometric measurements. Other on-site laboratory and quality control facilities include environmental, mechanical and electrical testing equipment.

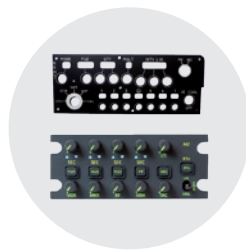


Illuminated light plates & sub-assemblies



Illuminated Panels

Originally designed to satisfy the exacting demands of the aerospace industry, our fascia panels are now specified for a wide variety of applications/ environments where operational integrity and clarity of presentation are essential. Quality assurance and control is strictly enforced at all stages of manufacture. Such quality assurance meets and exceeds the stringent demands of BS:EN:ISO 9001:2008 and EASA (CAA) Part 21, Section A, Subpart G approvals. Product lines include: Annunciator Panels, Integrated Switch Panels, Night Vision Compatible Products, and NVIS and NVG Compatible Instrument Lighting.



NVIS Panels

Product range covers all types of NVG compatible control panels and meets the stringent specifications covering NVIS lighting, including: MIL-DTL-7788, SAE AS 7788, MIL-STD-3009, and MIL-L-85762. We produce a comprehensive range of NVG Compatible lighting devices, which have been developed to satisfy the diverse requirements associated with cockpit conversions and new installations. These include Pillar/Post lights, lighting Bridge Assemblies, instrument lighting Bezels and indicator ligh



NVG Lighting

NVG Compatible options are available across our complete range of integrally-lit panels and most of the items within our lighting components portfolio. Comprehensive facilities are available for the design and manufacture of suitable purpose built devices. Products include: LED Cockpit Utility Lights, Incandescent Cockpit Utility Lights, LED Illuminated Information Panels, Lighting Components, NVIS and NVG Instrument Lighting, and Bezel Instrument Lighting. All NVG compatible products are designed to fully comply with major UK and USA government specifications, including MIL-DTL-7788H and MIL-STD-3009.



Control Knobs

We offer one of the world's largest control knob ranges. Many knobs may be lit by the transference (or transilluminated) of light from the panel itself. We offer a range of control knobs for use on concentric dimmers and dials can be supplied according to specification, which are usually attached to the base of the knob.



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Components

We manufacture a comprehensive range of lighting and airborne components. Many have been used by the A & D industries for many years and are known for reliability and dependability. With the advancements in lighting techniques, we have implemented new technology across the range, and can offer night vision compatibility across most lighting components. The product portfolio for this group includes: Dimming Resistors and Switches, Instrument Lamp Holders, Indicator Lights, Cockpit Utility Lights, Flood Lights, Pillar Lamps, and Bridges and Illuminated Switches.



Refurbishing

We offer a complete refurbishment process relying on over 35 years of experience of refurbishing edge lit panels in commercial, corporate, and military applications. We can confidently provide the quality, capability and service you demand and expect. If required, modifications can also be incorporated, including update to NVG compatible lighting.



Avionic and Defense Simulator Systems Panels and Assemblies

We design and manufacture a comprehensive range of flight simulation solutions including information control panels and assemblies for the civil and military professional simulation market. Our broad product portfolio and capability is varied, and includes custom designs. Simulation products include edge lit panels and back-lit panels, switch bezels, integrated keyboards, Master Warning Panels, Caution Warning Panels, Indicators and Assemblies.



PWM Dimmer Controller

A range of self-contained solid state PWM dimmer controllers are available for installation on fixed wing or rotary aircraft, fighting vehicles, and other applications. These devices have multi channels that can be configured for PWM and Analog lighting circuits, allowing the user to interface with up to 10 independent inputs, or 9 with a master control. Features include:

- Operating outputs providing 5V and 28V drives, 400Hz.
- Supply +22V to +32V DC, maximum current 6A.
- Maximum current per channel 2A.
- Combined maximum output current 4.3A for 28V panels.
- Combined maximum output current 3A for 5V panels.



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