

ELM G10



The ELM G10 combines exceptional light output and high resolution with advanced signal processing to deliver a remarkable break-through in performance for large screen cinematic video display.

Equipped with high resolution Digital Micromirror Devices and a state-of-the-art optical system, the Barco ELM G10 delivers an exceptional high light output of 10,000 ANSI lumens to meet and exceed the needs of the most demanding rental, staging and electronic cinema applications.

Ready for the Road

A wide range of special features and accessories make the ELM G10 especially suited for the most demanding Rental and Staging requirements. Special design features enable the projector to be handled, set-up and controlled in an exceptionally easy fashion. An extremely rugged steel frame construction allows the projector to be stacked quickly and safely, without the need for a stacking frame. An innovative modular construction establishes new standards of serviceability.

Exceptional Performance

The BARCO Elm G10 combines exceptional source compatibility with advanced TCRPLUS image processing to provide unique flexibility with superb video and film-like image quality.

Compatible with both current and future digital sources, the Elm G10 utilizes 13 bit digital signal processing for superb gray scale performance.

Together with the unit's remarkable 10,000 lumens of light output this results in image quality that is truly in a class of its own.

BARCO

Visibly yours

Technische Daten

Lichtstrom	10,000 ANSI lumen
DMDTM-Chip	3 high resolution XGA DMD's
Auflösung	1024 x 768 (native) 1280 x 1024 (max)
Helligkeitsgleichförmigkeit	> 90% for the total screen area
Kontrast	Normal mode: 450 : 1 High mode: N/A (Full White / Full Black)
Lampe	Lifetime (max): 1000 Hrs Lifetime (typ): 750 Hrs Lamp Power: 3.0 kW
Netzspannung	185V - 260V
Kompatibilität	<ul style="list-style-type: none"> • All current Video sources in Composite, S-VHS, RGB or Component or Serial Digital format • All currently proposed HDTV, extended and improved television standards (1080i, 720p,...) • Computers and workstations with a resolution of up to 1280 x 1024 • Most Macintosh computers • Two digital input slots to allow for direct digital interfacing with current and future digital standards
Leistungsaufnahme	3.750 Watt
Umgebungstemperatur	40°C (104F) max
Größe	1.465 mm x 760 mm x 554 mm 57,7" x 29,9" x 21,8"
Gewicht	135 kg / 298 lbs
Optiken	QLD zoom lenses have been designed for high resolution SXGA projectors. The throw is 25% longer when used with XGA DMD panels.
Seamless Switching	Not available
ScenergiX	Not available
Lens Shift	QLD Lenses Motorized V shift: up to 175% Motorized H shift: up to 160% LD Lenses Motorized V shift: up to 105% Motorized H shift: up to 70% For specific details per lens type: see lens product pages
Gekapseltes optisches System	No
Netzwerk-Verbindung	Not available
Feste Eingänge	<ul style="list-style-type: none"> • 1 Multifunctional 5-cable input for the connection of RGB analogue signals with standard sync (BNC connectors) or tri-level sync, sync on green or separate sync, Standard Video signals, S-VHS signals • 1 RGB analogue input with standard sync (BNC connectors), sync on green or separate sync • 1 SDI input (Serial Digital Input)
Optionale Eingänge	Two free analog input slots for optional input modules: <ul style="list-style-type: none"> • Video/S-Video Input: Video on BNC, S-Video on 4-pin mini-DIN connector • Component Video Input (Y, R-Y, B-Y, S) on 4 BNC connectors • RGB analogue input with tri-level sync (BNC connectors), sync on green or separate sync One free digital input slot for optional digital input modules: <ul style="list-style-type: none"> • SDI • HD - SDI
Ausgänge	

Fernbedienung

- RS232 or RS422 loop-through input (D9-connector) for PC based projector control
- Communication input (D9-connector) for peripherals
- 3 pin male XLR connector for wired remote (standard remote)
- 3 pin female XLR connector for bi-directional communication (rugged remote)