

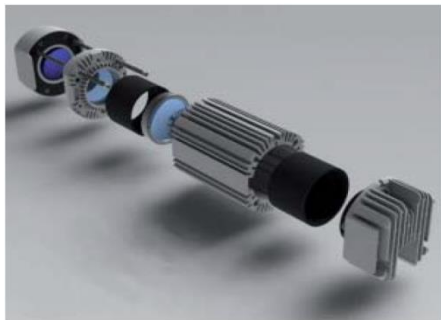


Spotlight G7L Serie

Bluetooth LED Framing Projector



- The Bluetooth LED G7L series framing projector has been developed to meet the particular needs of museums and architecture.
- Ideal for replacing incandescent light sources, this range of framing projectors uses a 25W LED module with a color temperature of 3000 °K (warm white) and 4000°K (neutral white), high intensity, with typical CRI (Ra) and red rendering (R9) indexes of 97 and 95 respectively.
- The luminous flux is adjustable from 0 to 100%, manually or via a smartphone/computer connected via Bluetooth. The emitted intensity is comparable to a projector equipped with a 100W halogen bulb.



- An elaborate optical system (see picture) provides an excellent homogeneity, framing being adjusted by 4 quick positioning framing shutters.
 - The optical body, made of aluminum (white or black), allows an efficient passive cooling without any need of a forced cooling.
 - The light emitted from the LED module covers the spectrum from 400 to 700 nm with no emission in the ultraviolet nor in the infrared radiations.
- Power is supplied directly from the mains 230V/50Hz via a 2/3-circuit track adaptor. The projector has a vertical adjustment range of 200° and a horizontal adjustment range of 360° in azimuth.

1. Important Points



Before any handling or operation with the framing projector, it is essential to take note of the following points:

- 1.1. The framing projector must be installed in a compatible 2/3 circuit track adaptor, stable and securely fastened, with the slot in the rail pointing downwards. It must be far away from any source of heat and any intense magnetic fields.
- 1.2. The 2/3 circuit track must be connected to a main voltage between 200-240V / 50-60Hz. If the framing projector is permanently connected, it is advisable to install a switch or circuit breaker near the projector.
- 1.3. Never operate the framing projector when the installation instructions are not followed (see paragraph 4)

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In particular, the device must not be mounted on surfaces normally flammable or embedded in such surfaces.

1.4. The device is dedicated to indoor uses only.

1.5. Never disassemble the optical module nor the 2/3 circuit track adaptor.

1.6. The light source contained in this luminaire may only be replaced by the manufacturer or his maintenance agent or a person of equivalent qualification.

1.7. The device has a protective screen placed at the front. In the event of an impact, check that this protection screen is not damaged. In case of cracking or breakage of this screen, stop using the device and contact EUROSEP Instruments.

1.8. In case the device is installed at a height higher than 5m, it is imperative to secure it with a sling.

1.9. Do not fix the light source during operation. The luminaire should be positioned in such a way that the prolonged viewing of the luminaire at a distance of less than 3 m is not expected.

1.10. Cleaning: The outside of the framing projector can be cleaned with a non-corrosive conventional cleaning product without spray and apply with a soft cloth. The cleaning must be done light source off, the whole set back completely at room temperature.



The optical module and the 2/3 circuit track adaptor surfaces can be hot during operation. Before undertaking any manipulation, wait for their complete cooling.

2. Warranty Conditions

EUROSEP Instruments warrants the full system for a period of 2 years from the date of delivery, when used strictly in accordance with the attached directives of use.

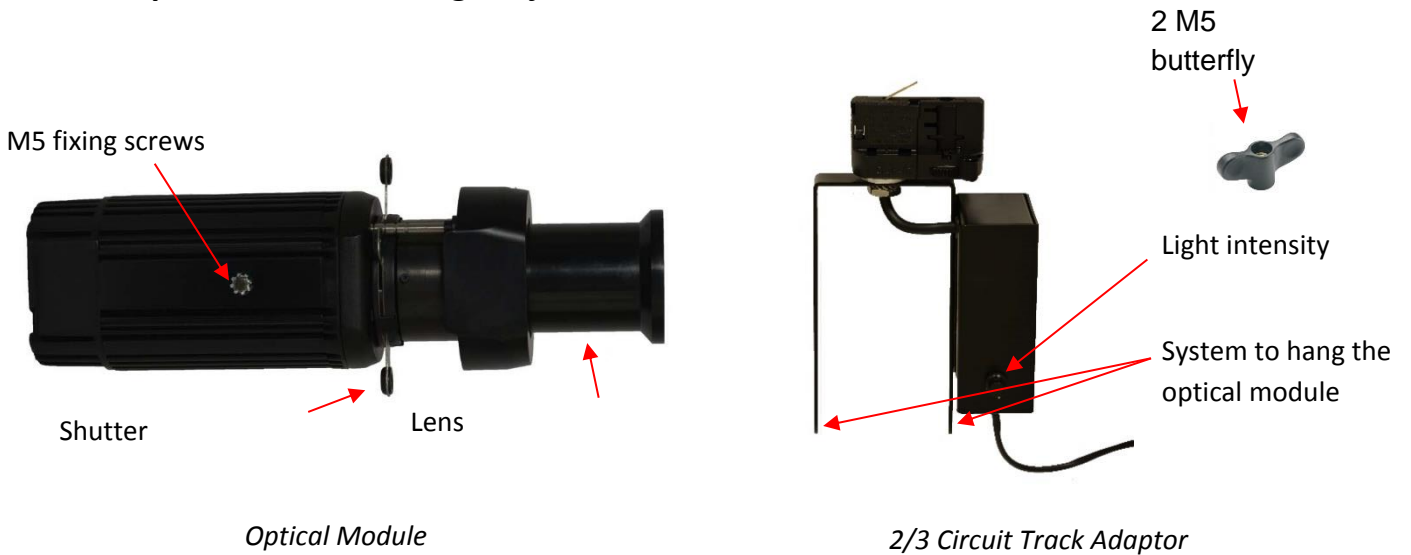
This warranty is strictly commits himself to justify his demand by a written request. Also, he has to give to EUROSEP Instruments all his support in order to notice and repair the damages. He should avoid repairing the unit by himself or by someone else unless he got a written agreement from EUROSEP Instruments.

All warranties are excluded for primate, incidental or consequential damages, negligence, lack of supervision or maintenance, use in non-conformity with the instruction manual directives and replacement or repair due to a fair wear.

EUROSEP Instruments shall in no event be held liable for any damage caused by products supplied by it.

Prior operation, it is essential to take note of the “Important Points” described in paragraph 1.

3. Description of the Framing Projector



4. Operation

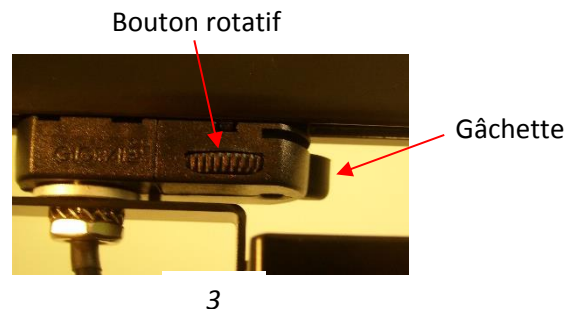
4.1. 2/3 circuit track adaptor installation

- Insert the 2 tooth lock washers on the threaded shaft of the optical module (1),
- Take the 2/3 circuit track module, slightly spread the 2 arms of its support and position each of them in the threaded shaft,
- Screw the 2 butterfly screws (2).



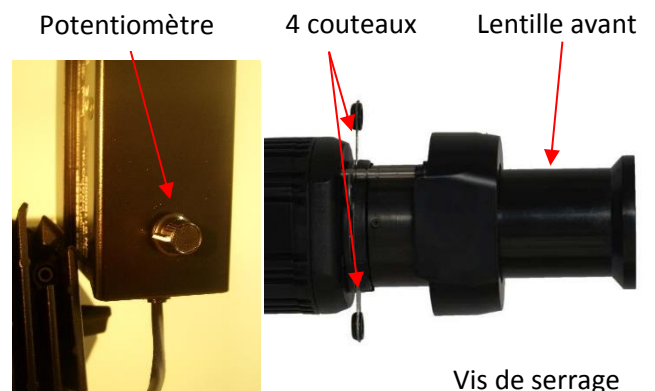
4.2. Installation into the 2/3 circuit track

- Slide the 2/3 circuit track module into a compatible circuit track (3),
- Pull the trigger to fix the position (3),
- Turn the rotary knob to the correct position to ignite (3).



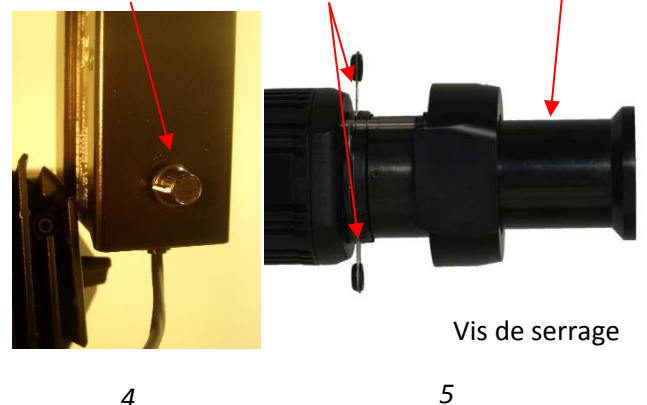
4.3. Potentiometer adjustment

- The potentiometer located on the 2/3 circuit track module allows the light intensity to be adjusted between 0 and 100% (4)



4.4. Shutter adjustment

- To adjust the framing, pull/push the 4 shutters (5),
- To lock/unlock the shutter rotation, use the clamping screw (5).



4.5. Optical adjustment

- Adjust by screwing/unscrewing the front lens until to get a perfect focusing of the image (5).

4.6. Pilotage par Bluetooth

The setting and dynamic monitoring of many parameters can be provided via Bluetooth connection.

It is possible in particular to:

- Display a dashboard containing the list of projectors in operation, each with a number, a name, lighting and other useful parameters.
- Define groups of projectors by associating them with custom names and controlling their lighting individually or in groups.
- Define one or more Bluetooth networks secured by an ID and a password.
- View additional parameters calculated instantly, since the last connection or since commissioning.
- To associate sensors of presence, lighting (lux), temperature or humidity.
- To program different scenarios, accord to the evolution of the parameters of a projector, a sensor or the date/time

This Bluetooth Control can be achieved by:

- An apple smartphone equipped with a dedicated application. (For more information on this app, refer to the “XIMTroller Application” manual.
- Software on a computer or tablet under a Windows or Mac environment. (For more information on this software, refer to the “EUROSEP INSTRUMENTS Control Software” manual.

G7L projectors use Bluetooth Low Energy Technology (BLE, Smart Bluetooth) in 2.4GHz.

Important note: By default, projectors are secured using the following network:

- Name: “Eurosep”
- Password “eurosep1234”

5. Technical Characteristics

5.1. Main Supply

Main supply	~ 220-240 V
Supply current	150 mA
Frequency	50/60 Hz
Number of phase	1
Input wattage	32 W Max (depending on the setting)

5.2. General

Operating temperature	+10 / +40°C
Max. relative humidity.	80%
Protection indice	IP20
Dimensions	260x140x240 mm
Total Weight	1,5 kg

5.3. Optical

Bandwidth	400 to 700 nm
LED Wattage	25 W
CRI (Color Rendering Index)	Ra = 97 typical R9 = 95 typical

5.4. Gamme disponible

Part number	Under reference	Color Temp (°K)	Lux/3m*	Aperture	Body Color
PRSPG7324L	NR / BL	3 000	500	24	Black / White
PRSPG7340L	NR / BL	3 000	180	40	Black / White
PRSPG7424L	NR / BL	4 000	550	24	Black / White
PRSPG7440L	NR / BL	4 000	200	40	Black / White

* Light Intensity measured at 3m from the framing projector...

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