

EK-118
SETTOP

USER'S MANUAL

SELF-LEVELLING
LASER LEVEL



SETTOP

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WHAT IS INCLUDED WITH YOUR CROSS LINE LASER

Instrument **RED**

Laser Plate

Alkaline batteries

Magnetic adapter

User manual

Rotatable base

Glasses



Instrument **GREEN**

Laser Plate

Alkaline batteries

Magnetic adapter

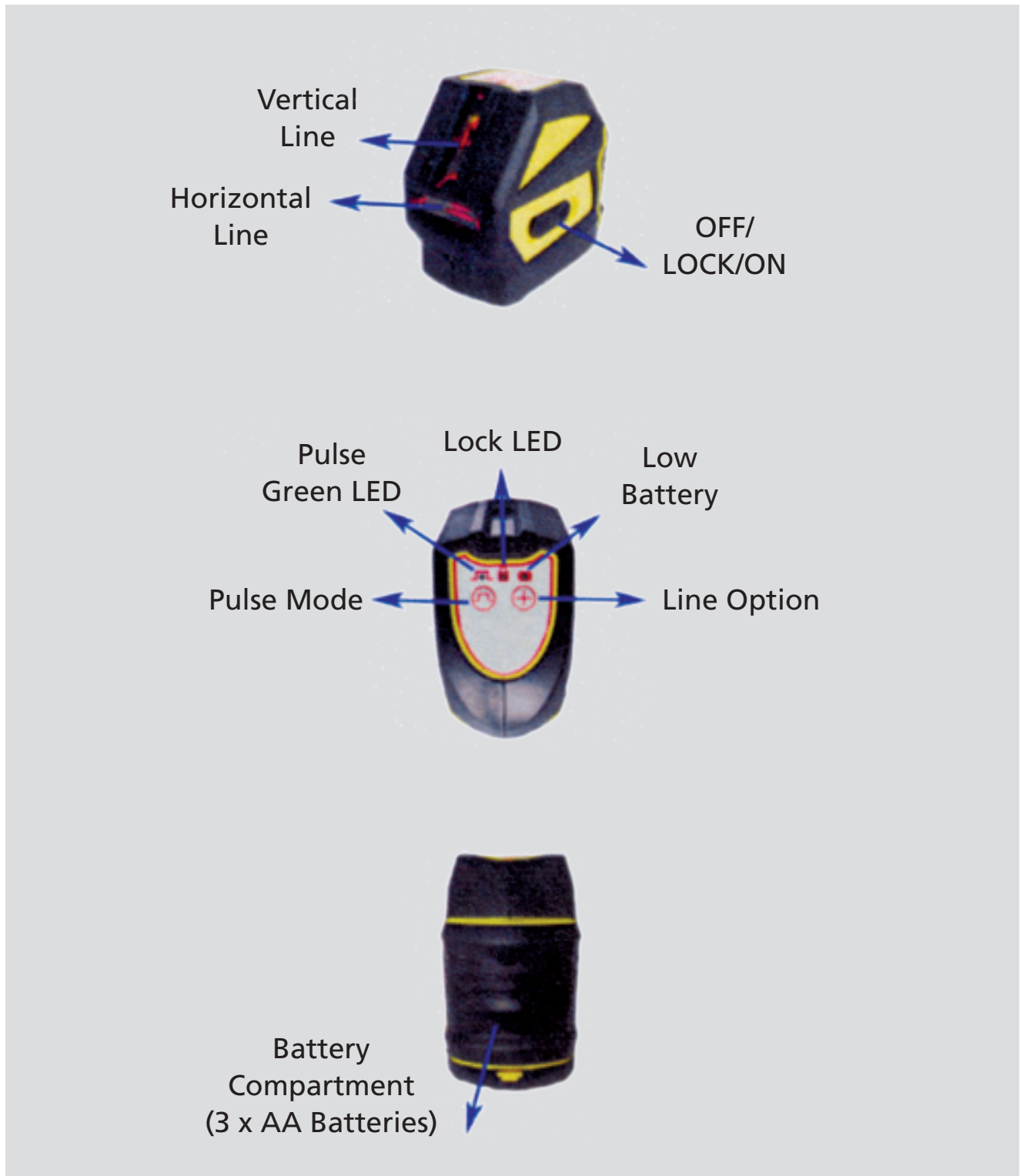
User manual

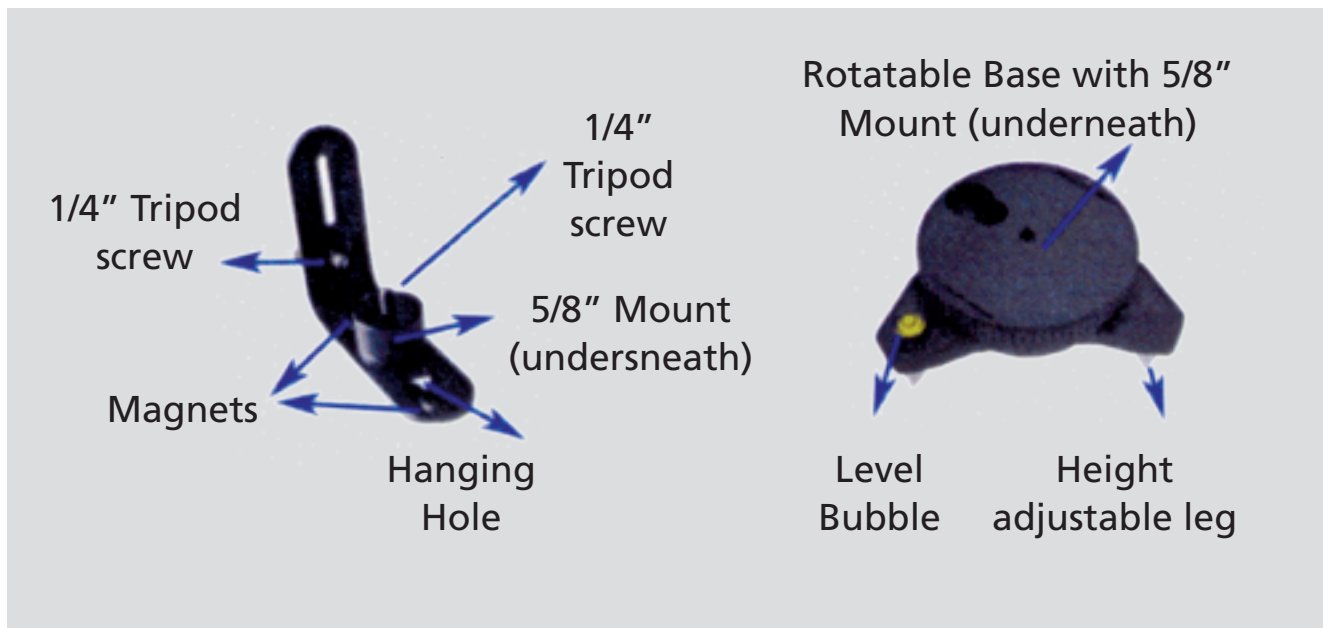
Rotatable base

Glasses



COMPOSITION OF THE SETTOP EK-118





SPECIFICATION

Accuracy of horizontal line	+/-3 mm@10m
Vertical accuracy	+/-2.5 mm@10m
Leveling Range	4°+/-0.5°
Working Range	30 m.
Tripod Thread	1/4"
Laser Type	635 nm, laser class II
Operating Temperature	-10°C to 45°C
Storage Temperature	-20°C to 60°C
Dimension	119 x 62 x 95/cm3
Continuous Working Time (All Diodes)	>8hour

OPERATING THE UNIT



Figure 1



Figure 2



Figure 3

PENDULUM LOCK

The Fukuda Cross Line Laser is a precision instrument and should be treated with care. When not in use, the pendulum should always be in the Off position (Figure 1). Locking the pendulum allows the Cross Line Laser to better withstand vibration and trauma incurred during transportation or if the unit is dropped.

LOCKED LINE ANGLE

In the locked line angle position (figure 2), the pendulum is in the locked position and will not automatically level. When in the locked line position, both two laser lines will be on and flash slowly. The Red Lock LED will be on as well.

AUTOMATIC LEVELING

When the pendulum is unlocked (figure 3), the pendulum is free to automatically level, in order for the Cross Line laser to automatically level, the base of the unit needs to be within 5° of level.

When the pendulum is unlocked and the Cross Line Laser is within 5° of level, the unit will be in automatic leveling range, in this situation no LED light will be on. Should the base of the unit be outside the 5° leveling range the laser beam will flash meanwhile an audibly warning will be sent out from Cross Line Laser.

LOW BATTERY ALARM

The Green battery LED will be on and keep flashing slowly when the working voltage is V3V. At this situation the batteries are required to be replaced.





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LASER LEVEL

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Bofarull, 14, bajos 08027 Barcelona
Tel. 93 340 05 73 Fax 93 351 95 18
www.settop.es settop@settop.es

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