

INSTALLATION, USE AND MAINTENANCE

GENERAL

The LAD2 alignment device is designed to contribute to a quick and easy installation of Reer safety light curtains.

The device emits a visible (red) laser beam, thanks to which it is possible to correctly align the emitter and the receiver, as well as the possible deflection mirrors.

The device is powered by two AAA batteries, included in the packaging.



THE FOLLOWING WARNINGS ARE FUNDAMENTAL FOR PEOPLE'S SAFETY. FOLLOW ALL THE WARNINGS CAREFULLY, TO AVOID RISKS OF EYE INJURIES.



THE USE OF COMMANDS, ADJUSTMENTS, AS WELL AS THE CARRYING OUT OF PROCEDURES DIFFERING FROM THE ONES HEREWITH EXPOSED MAY BE CAUSE OF EXPOSURE TO DANGEROUS LEVELS OF RADIATION.

- The device contains a laser source Class II, according to EN 60825 – 1.
- LAD2 has been conceived as an aid for the alignment of optical light curtains. DO NOT USE as a pointer on screens, posters, presentations, etc. For any other use, consult Reer beforehand.
- LAD 2 is a working tool of exclusive professional use. See that the staff in charge has read and understood these instructions and warnings thoroughly and is well aware of the possible risks arising from a non – correct use. Never use outside the working environment and don't let untrained personnel access it, children in particular.
- Always keep this notice together with the device.

User cautions:

Never aim the laser source directly at the eyes of others or to your own. Never look directly into the source.



Keep the laser on only for the time which is strictly necessary to its professional use. Check that the device is off before putting it away.



If you have to keep the LAD2 inactive for some time, take the batteries away from it and keep them separately.



Guard the device and don't let any unauthorized person access it.

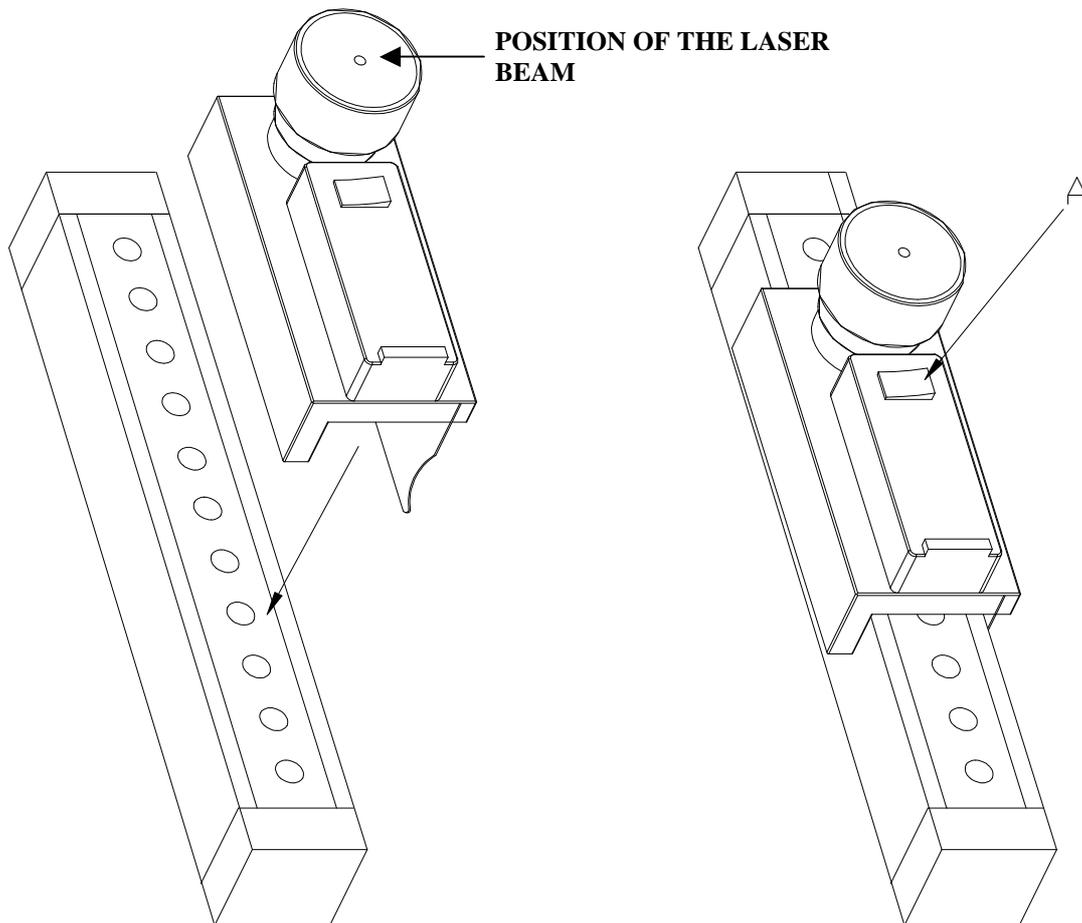


For more details check the European Standard EN 60825 – 1.

ASSEMBLY OF THE ALIGNMENT TOOL

Carry on an unaided, preliminary alignment after the installation of the light curtain and of the possible deflection mirrors, then :

- Hook the LAD2 to the emitter along its vertical axis on the side of the optical window (see pct. 1). The correct coupling insures a following good work.
- Check that no person is present in the laser field of action.
- Power on the LAD2 (**see pct.1, detail A**).
- Check the presence of the red beam by means of a white sheet; **NEVER** check the presence of the beam directly .

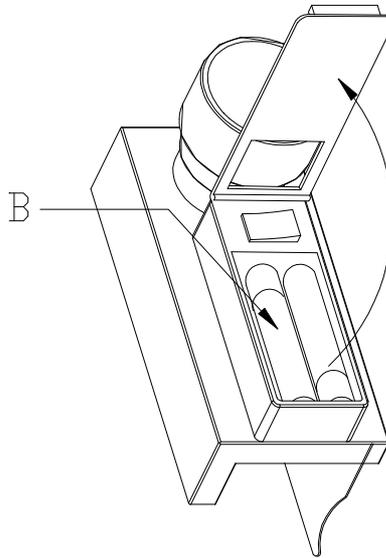


Picture 3

- Check that the red spot appears on the receiver side (at the same height of the LAD2 on the emitter side).
- In case the spot is not in the expected position, adjust the alignment of emitter and receiver through the mounting brackets.
- For a more precise alignment, it is convenient to make the adjustment placing in the spot in the upper, middle and lower parts of the light curtain.

BATTERY REPLACEMENT

- The LAD2 is powered by two AAA 1.5V batteries. Use alkaline batteries only. A first set is provided with the device.
- To reach the batteries room open the lid (see pct. 2).


Picture 4
LABEL POSITIONING

TECHNICAL DATA

Wavelength	nm	650
Max. Power	mW	1
Beam divergence	mrd	< 0.5