

A small, white, dome-shaped lifejacket light with a red clip on the back, shown against a white background.

## Lifejacket light type Jack ARH-Alk Operation, Service and Maintenance Instruction

### Operation:

The light is an automatic water activated light type with a manual on/off button, and a flashing light type.

In automatic/dry mode, the button function as a test button: When pressed the light flashes rapidly for a few seconds, thereafter the button is inactive for approximately a minute. This function is to discourage people from playing with the light.

The light will turn on automatically, if in contact with water. After being activated, the light stays turned on disregarding the water contacts are lifted out of the water. In this water activated mode/wet mode, the button function as a manual on/off button. If the contacts dry out, the light will return to automatic mode after 24 hours.

### Installment in recessed lifejackets:

1. Press complete light (light and clip - do not disassemble) into recess.
2. Press firmly on all sides to ensure the clip to settle as deep as possible.

### Tech:

Size: 62mm x 44mm x 18mm (LxWxH)  
Height dome: 9mm  
Weight: 42g  
Material: polycarbonate  
Waterproof  
Battery: Alkaline, 5 years storage life (-30°C to +65°C)  
Operational life: minimum 8 hr.  
Operational water temperature from -1°C to +30°C  
Operational environmental temperature from -30°C to +65°C  
Light intensity minimum 1.3 candela  
Flash rate 51 flash/minute, Flash length 0,31 seconds  
Approvals: SOLAS MED 96/98/EC, USCG, TC, AMSA, RMRS



### Service:

The light is completely sealed and tamper free. The battery inside is an alkaline type, that requires no further service. On the label is clearly indicated manufacturing date and expiry date and it has a 5 year storage time.

### Maintenance:

It is recommended during yearly ship service to activate the lights shortly. Lights that do not ignite must be returned to the manufacturer for inspection. It is not possible to replace LED or batteries. The light is completely sealed.

Alcares recommend that, an automatic light is not stored in humid or wet conditions, to avoid accidental activation of the light.

Alcares recommend that emergency lights with alkaline batteries generally should be stored inside the vessel, especially when used in hot climates. I.e. storage of alkaline batteries directly or indirectly in sunlight could decrease storage time.

Disposal of used or expired lights should be done in accordance to local regulations.