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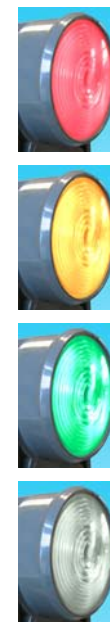
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## RAILWAY LED HANDLAMP with AA BATTERY PACK RED/YELLOW/GREEN/WHITE Instructions

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To be read before commencing  
Operation



### Technical features.

The lamp is a 4 - aspect device which complies fully with Network Approval Requirements.

All external and internal mouldings are manufactured from a high impact polycarbonate. It incorporates a single high output LED, with colour corrected filters to give colour as required in GK/RT0031 lineside signals and indicators. Battery replacement pack is a module unit specifically designed for this device.

There are no serviceable or replacement parts inside the lamp assembly other than the 'AA' battery pack. **(BATTERIES NOT SUPPLIED)**

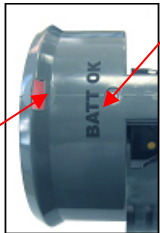
### Operating Instructions.

**Fig 1**



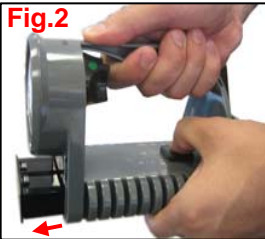
The Railway LED Handlamp is a 4 aspect device comprising of Red, Yellow, Green and White colour output. Rotate the switch as shown to select the desired colour aspect indicated on the switch knob. The colour can be viewed from the top of the lamp (see Fig.1) through the colour indicator lens. The switch has eight positions - four 'ON' and four 'OFF'.

Colour indicator lens



The lamp has a built in low battery warning feature, which indicates when the battery is ready for changing. This is shown as a blue indicator when the lamp is switched ON, indicating battery is OK. If the blue indicator is off when the lamp is switched ON, it is time to change the batteries. The lamp will continue to operate after the blue LED has extinguished, but at a reduced light output.

**Fig.2**



To remove the battery pack, fully depress the black release button (See Fig.2) The battery will automatically eject. Dispose of non re-chargeable 'AA' batteries within local regulations.

**Fig.3**



To insert new battery, simple push in until the release button engages locking the battery in position. (See Fig .3) **Note: The battery can only be inserted one way. Make sure the keyway on the battery is uppermost prior to assembly.**

### LR5 'AA' Battery Installation Instruction.

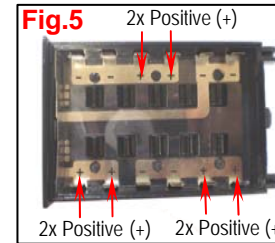
**Fig.4**



To remove cover from the battery pack pull out the two securing clips to release the cover from the battery box. (See Fig .4)

**Note:** To reassemble the battery pack cover place the two location tongs on the cover into the mounting slots in the battery box and then locate the securing clips over the lugs and press down to secure.

**Fig.5**



The batteries are orientated in the battery box in polarity groups of 2x Positive, 2x Negative & 2 x Positive (See Fig .5) shows the positive groups only.

**Note:** When fitting each battery check that the location of the battery contacts for the Positive & Negative are correct to Fig .5 example.

**Fig.6** Battery +/- Contacts



The recommended battery type for this lamp is type LR6 (AA) with plastic sleeve. When assembling batteries check that the battery connectors makes good contact with battery if not press inwards each connector to make good contact. (See Fig .6)

**Warning:** Place the batteries in the correct sequence or damage could occur to battery in operation.

**Cat No: 0050/559359**

**NSN: 6230-99-925-1455**

**Type:** Lantern, Electric

**Description:** LED Handlamp, 4-Aspect: Red, Yellow, Green, White - Part Number 094/008050, Complete with Battery Box - Cat No: 0050/559357, OEM Part Number B91.90021.

**Cat No: 0050/559547**

**NSN: 6230-99-697-0063**

**Type:** Lantern, Electric

**Description:** LED Handlamp, 4-Aspect: Red, Yellow, Green, White. NB: No Battery

**Cat No: 0050/559357**

**NSN: 6160-99-426-6360**

**OEM Part Number:** B91.90021

**Type:** Battery Box

**Description:** Battery Box used in 4 Aspect LED Handlamp

### Lamp Specifications

Nominal Voltage ~ 4.5 v DC.

Current ~250 mA

**Battery type** ~ Alkaline Manganese Dioxide (Continuous use duration 11 Hrs)

Replacement Battery Box - Cat No: 0050/559357, OEM Part number: B91.90021

