

# RNIB Liquid Level Indicator (DK205)

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Please retain these instructions for future reference. These instructions are also available in other formats.

## Special Warning: Test before use

Prior to each use it is recommended that you test the unit with cold water to ensure that there is sufficient battery capacity for the device to operate properly.

## General description

A compact, lightweight device with three metallic probes used to give indication of two separate liquid levels within a cup or mug. For example, this can be used to assist in filling a cup with hot water for tea/coffee until the first level is reached and then topping up with milk until the second liquid level is detected. The unit also has two small magnets embedded in the plastic moulding enabling it to be attached to the side of a fridge, microwave oven etc for storage when not in use.

## Orientation

Position the LLI with its three probes on the underside and facing towards you and place it on a table.

### Top

Just below the top straight edge of the case there are two embedded magnets. Just below this there is an embossed RNIB logo. and immediately underneath the logo on the right you can feel a circular indentation. This hole is above the internal speaker and allows the tones to be emitted from the device.

Halfway down there are 8 ribbed lines, which run all the way to the bottom edge. When you reach the bottom you will feel an indent semi-circle underneath, you can pull this up and this takes you inside the device to where the battery goes.

### Inside

Once you have pulled up the top lip you will be able to feel the battery and you will feel an indent where a finger can be placed to help remove and insert a new battery.

### Back

Turn the unit over resting it on its top surface with the probes facing towards you. The three metal probes occupy most of this surface.

## Special Warning: To detect the liquid levels the probes must always be on the inside edge of any cup or mug.

## Getting started.

Hold the battery tag and pull it away from the device to activate the battery. After doing this you will hear three confirmation beeps and a vibration. This tells you that the battery is fine, and that the unit is ready to be used. The removed tag can be disposed of.

## Using the Liquid Level Indicator

Hang the unit on the edge of your cup or mug with the three metal probes on the inside. With the unit in position carefully pour your hot or cold liquid into the cup and stop when you hear the first set of intermittent beeps and vibrations.

## Battery replacement

To remove the battery, hold the unit with the flat side towards you with one hand and then simply open the battery drawer by inserting a finger at the bottom edge in the semi-circular recess and pull the lid upwards. You will be able to feel the battery. You will feel an indent where a finger can be placed to help remove and insert a new battery.

The replacement 1 x AAA battery needs to be inserted into the now empty battery compartment the correct way up. The spring it at the top so this is where the flat end of the battery needs to go, which is the minus side.

After replacing the battery, the confirmation beeps will sound if the battery is correctly inserted. Close the lid.

## Technical specification

Dimensions: 60mm x 35mm x 29mm

Weight: 29 grams (including battery)

Battery: 1 x AAA battery

**Please note:** RNIB does not guarantee batteries.

## Hints and Tips

### Battery test

It is strongly recommended that you regularly test the unit with cold water to ensure that there is sufficient battery capacity for the device to operate properly, therefore eliminating any potential issues with boiling water over-flowing due to a malfunction with the LLI.

### Operational test

After you have tested the battery, you may wish to test that the unit will operate correctly to detect the liquids. This can be simply achieved in one of two ways. Moisten one of your fingers and hold it across the top of all three probes. This will produce a continuous tone from the unit. Alternatively place the unit over the lip of a cup with the probes on the inside edge and fill the cup with cold water until the unit beeps. By undertaking this operational test, you can be more confident in using it with hot liquids.

### Storage of the unit

The suggested method of storage is to use the two magnets incorporated into the top of the unit and attach it to the outer frame of a fridge, microwave, or other metallic surface. To prevent the battery draining accidentally the unit should not be stored in a cutlery drawer where probe contact with the cutlery will cause the unit to continually beep and consume the battery. Storage within a small plastic bag or box would prevent this happening.

### Cleaning the probes

A damp cloth can be used to clean the probes but note that the units must never be immersed in liquid as they are not sealed and damage to the electronics will result. Do not use any cleaning materials or fluids that contain scouring agents, alcohol, spirits, or solvents (turpentine) as these agents can damage the plastic case.

## How to contact RNIB

Phone: 0303 123 9999

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Online Shop: shop.rnib.org.uk

## Terms and conditions of sale

This product is guaranteed from manufacturing faults for 12 months from the date of purchase.

For all returns and repairs contact RNIB. You can request full terms and conditions from RNIB or view them online.

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