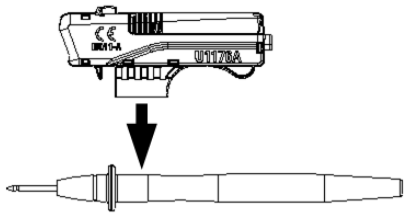
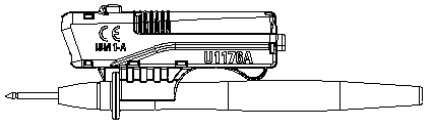
Mounting on test lead

1. Mount the clip of the LED flashlight on a test lead.



2. Attach the clip of the flashlight on the hand guard of test lead.



Maintenance

If any portion of the LED flashlight is worn out or damaged, replace with a new LED flashlight.

This information is subject to change without notice.

© Keysight Technologies 2010-2017
Edition 4, September 2, 2017

Printed in Malaysia

U1176-90001

KEYSIGHT TECHNOLOGIES

Keysight U1176A LED Flashlight
Operating Instructions

This LED flashlight is designed for used with Keysight handheld digital multimeters. The LED flashlight helps make measurements easier while using handheld digital multimeters in dark places.

Assistance

For technical assistance, contact your nearest Keysight Sales Office or visit the Keysight web-site at www.keysight.com/find/assist for further information.

Product Characteristics

OPERATING ENVIRONMENT: Operating temperature from –10 °C to 55 °C.

STORAGE ENVIRONMENT: Storage temperature from –20 °C to 60 °C.

RELATIVE HUMIDITY (R.H.): Relative humidity up to 80% for temperature up to 30 °C, decreasing linearly to 50% R.H. at 55 °C.

POWER CONSUMPTION: 90 mVA for single 1.5 V AAA battery

BATTERY TYPE: Alkaline 24 A (ANSI/NEDA) and LR03 (IEC), or Zinc Chloride 24 D (ANSI/NEDA) and
R03 (IEC).

DIMENSION (W × L × H): 16.3 mm × 80.0 mm × 33.5 mm

WEIGHT: 25 g with battery

ELECTROMAGNETIC COMPATIBILITY (EMC): Susceptibility and emissions: Commercial limits per EN61326-1, Pollution Degree II Environment and altitude up to 2000 m.

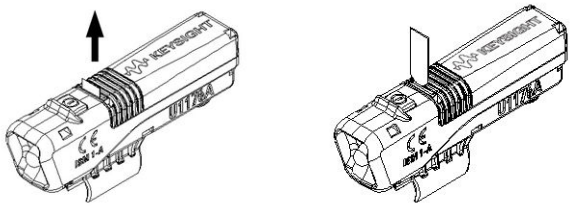
WARNING

- **When using the LED flashlight for the first time, remove the insulating material situated between the anode of the battery and the circuit.**
- **Do not open the plastic case unnecessarily. Doing so may cause damage to the plastic case plastic case.**
- **Keep the LED flashlight away from getting wet.**
- **Ensure the LED flashlight is turned OFF and the battery cover removed when replacing the battery.**
- **Remove the battery when not using the LED flashlight for a long time.**
- **If the LED flashlight is not lighted when turned on, replace with a specified battery.**
- **You are advised to use low leakage batteries when changing to new batteries.**
- **The battery must be recycled or disposed properly after depletion.**
- **The LED flashlight can only be used with handheld digital multimeters or test leads from Keysight.**

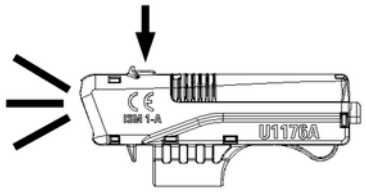
Operation

Using the flashlight

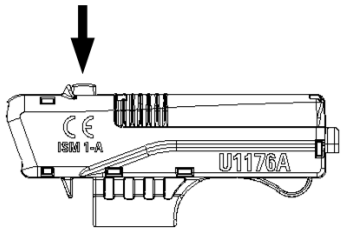
1. Remove the battery insulator from the body of the LED flashlight before first use.



2. Push and lock the ⏻ button to turn the flashlight ON.

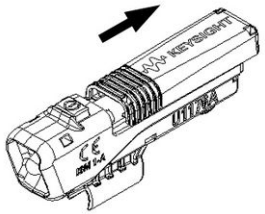


3. Push and release the ⏻ button to turn the flashlight OFF.

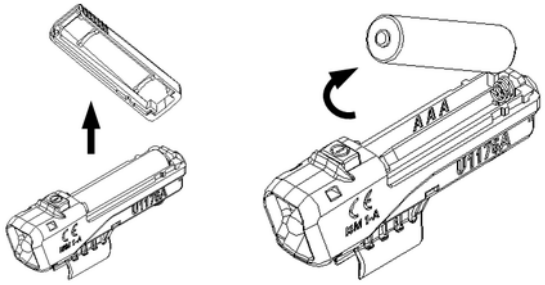


Replacing the battery

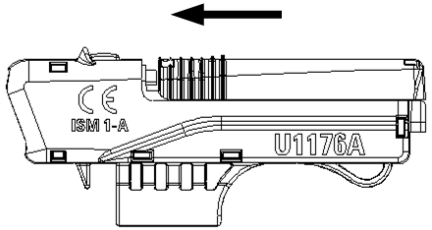
1. Ensure the LED flashlight is turned OFF.
2. Slide the battery cover away from the body of the LED flashlight.



3. Replace the specified battery.

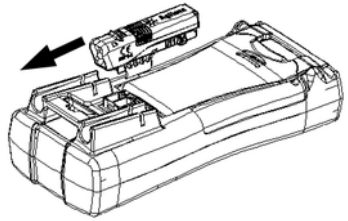


4. Ensure the battery cover is aligned properly on the LED flashlight. Reverse the sliding direction to close the battery cover.



Mounting on handheld digital multimeter

1. Slide the clip of the LED flashlight.



2. You may also mount the LED flashlight on the test lead holder of the digital handheld multimeter.

