

# Illuminated **Mirrors**

The UK's Largest LED Mirror Supplier to Trade and Retail

Installation  
& User Guide

**Bathroom  
Mirror**

*DiamondX* COLLECTION<sup>®</sup>  
EXCEPTIONAL MIRRORS. FOR ELEGANT BATHROOMS.

[www.illuminated-mirrors.uk.com](http://www.illuminated-mirrors.uk.com)

CE RoHS IP44

# Bathroom Mirror Installation & User Guide



Thank you for purchasing our illuminated mirror(s).

To avoid product damage, personal injuries, carefully read, understand, and follow all the Instructions in this installation guide before installing the product.

Save this manual for future reference.

**CE RoHS IP44**



## WARNING!

To avoid the risk of electrocution,  
please turn off the electricity supply mains  
before commencing the installation.

We recommend this item gets fitted by  
a qualified electrician

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## **Operation**

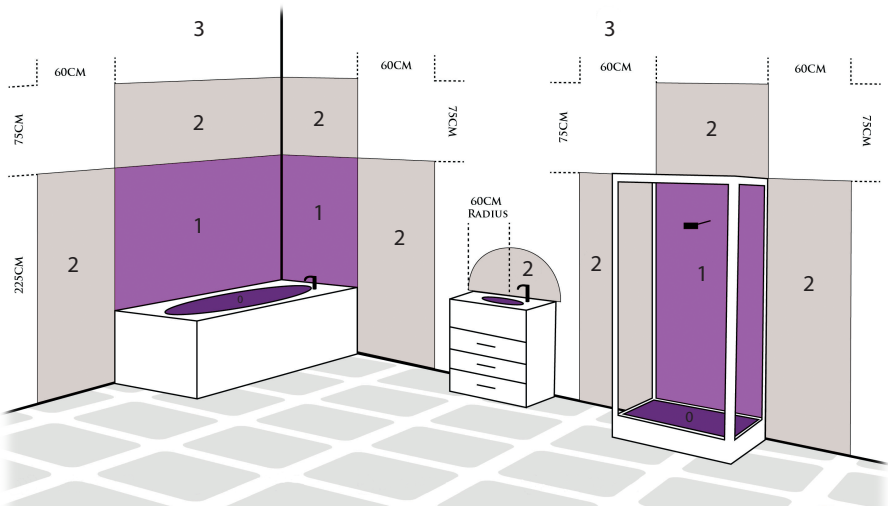
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# IMPORTANT INFORMATION

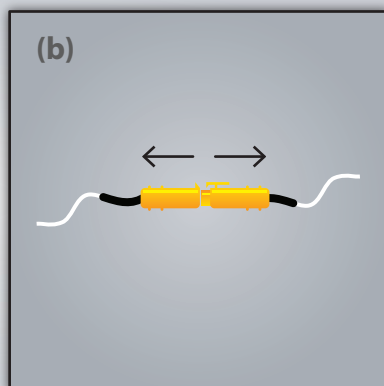
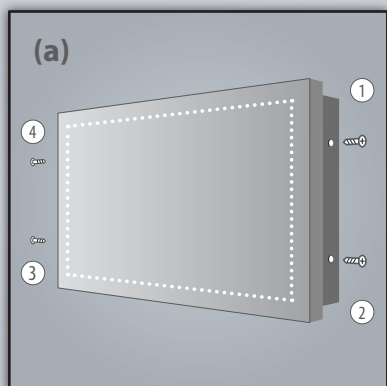
This product should only be installed by a fully qualified electrician in accordance with the current IEE wiring regulations (UK) or the equivalent national wiring regulation outside of the UK. This light fitting is a **Class I** product and therefore must be earthed. Always switch off the electricity supply at the mains before and during installation of this product.

**1. This product is IP44 rated so can be safety fitted in Zones 2 and 3.** Position the mirror in a suitable location **with at least 15cm clearance between the proximity sensor and the nearest surface** and according to the zonal diagram show below, ensuring that the domestic electrical mains supply is within reach of the electrical entry point of the product.

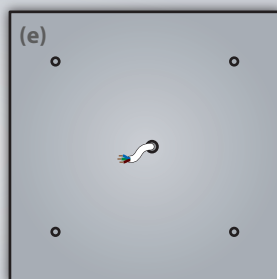
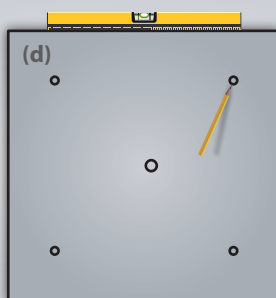
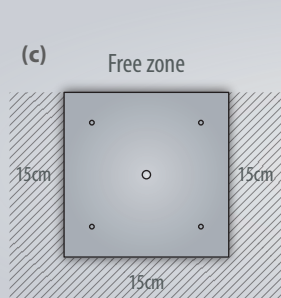


0 – Zone 0    1 – Zone 1    2 – Zone 2    3 – Zone 3

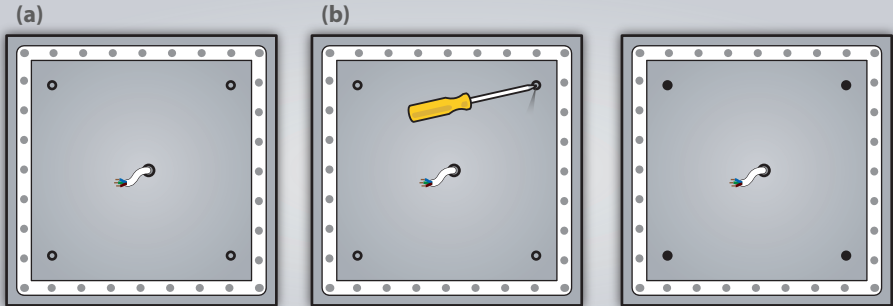
2. Detach the back box of the mirror by removing the four screws on the exterior of the frame **(a)**. Unplug the demister cable **(b)**.



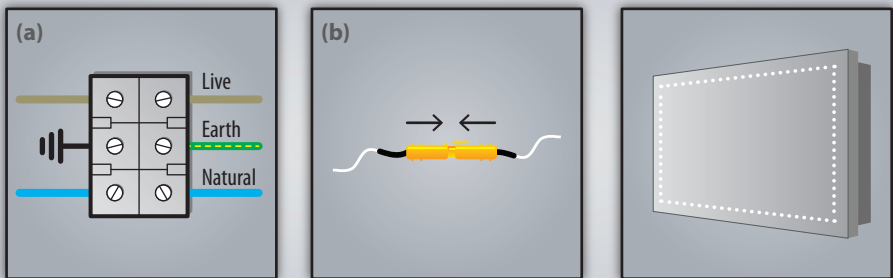
3. Place the mirror casing against your flat wall surface, with at least 15cm clearance between the proximity sensor and the nearest surface **(c)**. Using a spirit level make sure that the casing is level and mark the position of the four mounting points and cable entry position **(d)**. Route the mains cable to the entry point of the mirror **(e)**.



4. Using an appropriate drill bit for your wall drill the four mounting holes and fit wall plugs. The plugs supplied are suitable for brick walls only, if in doubt please consult your local DIY store for advice on alternative suitable fixings. Pull the mains cable through the entry grommet **(a)** and attach the back box to the wall **(b)** using the provided screws.

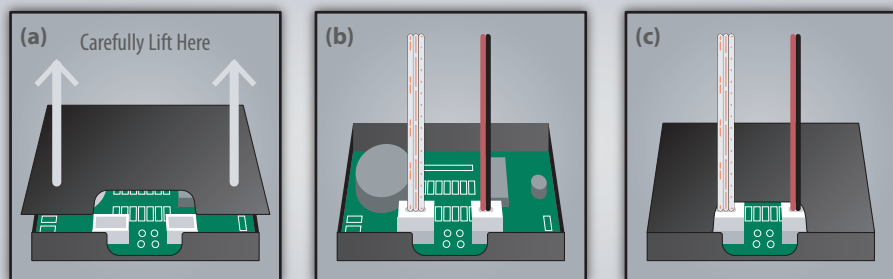


5. Wire your illuminated mirror to the mains supply **(a)**. Reconnect the demister cable **(b)**. Place the mirror front over the mirror casing and using a screwdriver tighten and fix it in place using the four mounting screws. These four screws can be adjusted to align the LED lights with the frame. For Clock and Audio Mirrors please refer to the next section.

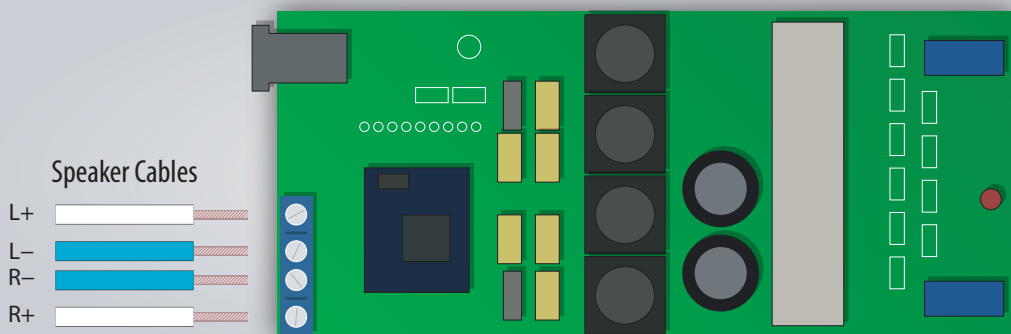


## 6. Audio and Clock Connections

Prior to fixing the front of your mirror to the rear casing the **Clock** and/or **Speaker Cables** must be connected. To gain access to the Clock connection sockets firstly remove the cover from the Clock enclosure. This is easily removed by gently pulling it up **(a)**. Connect the power cable and clock control cable by pushing gently into their connection blocks **(b)**. Replace the cover **(c)**.



Connect your speaker cables to the Bluetooth® Amplifier as shown in the following diagram.

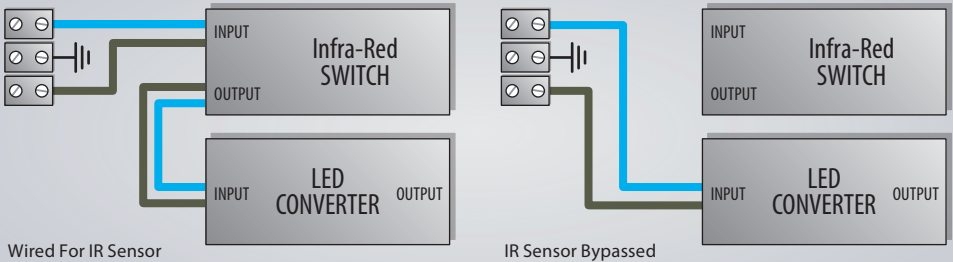


Carefully fit the front of the illuminated mirror to the mirror casing ensuring that all cables are not obstructing the flush fitting of the mirror front to the mirror frame.



## 7. Isolating the sensor so the LEDs and Demister turn on and off with the bathroom lighting?

Yes this can easily be done by a qualified electrician by bypassing the Infra-Red switch as shown below:



## Operating Instructions:

### 1. On/Off Infrared Sensor

All our Mirrors include an infrared on/off Sensor located on the bottom of the frame, simply wave your hand across the sensor and it will instantly power up the lights and demister pad. Repeat the action to turn the light and demister pad off. On some mirrors fitted with Ambient under-lighting the sensor position will be on the side of the mirror frame.

### 2. Shaver Socket

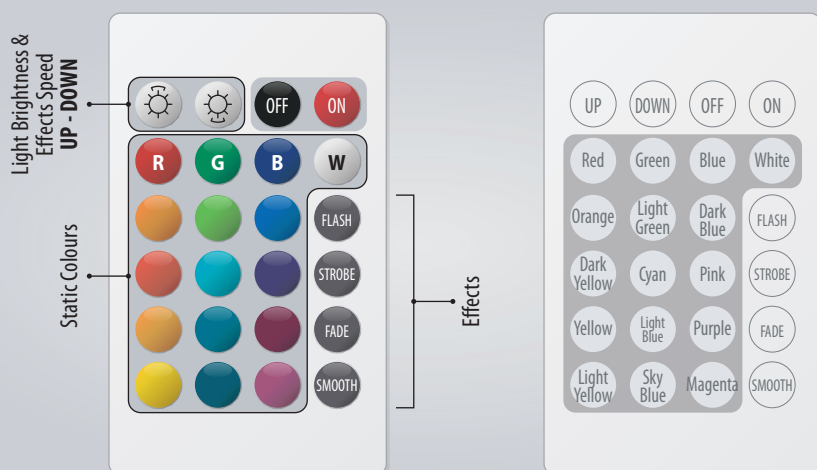
Shaver Mirrors include a 240 Volt shaver socket for the use of electric shavers and toothbrushes. The shaver socket includes its own on/off rocker switch which works separately from the lights and demister pad.

### 3. Ambient Lighting

Please note that the ambient single colour or white lighting turns ON and OFF on the actuation of the proximity sensor along with the main mirror lights and the mirror demister.

#### 4. RGB Colour Change Lighting

Simply point your remote towards the small black sensor located on either the bottom or side of the mirror frame. Select you Static Colour option from the keypad. The brightness of the light can be adjusted in steps by pressing the top left two **UP** and **DOWN** control buttons. The **ON - OFF** function will only operate if the main mirror lights are turned on using the remote sensor as described in Section 1.



There are four **MODE** buttons giving the effects described in the table show below. To operate these simply point your remote towards the black sensor and select the required function and click **once**. The speed of the transitions can be increased or decreased by pressing the **UP** or **DOWN** buttons. Simply select a static colour to cancel the function.

MODE	DESCRIPTION
FLASH	Flashes between 7 Colours
STROBE	Strobes the chosen Static Colour
FADE	Fades the Static Colour, On and Off.
SMOOTH	Fades between Red, Green and Blue.

## 5. Bluetooth Audio

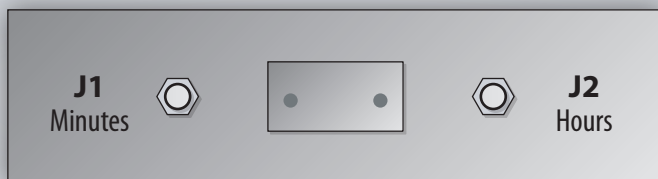
To activate the internal Bluetooth Audio System simply turn on the internal Shaver Socket/Bluetooth switch. You will hear an activation tone coming from your cabinet speakers.

**For Bluetooth operation,** the internal Audio System will automatically become available for your device to pair to, appearing as Diamond X on your mobile's Bluetooth available devices list. Depending on your portable device and your settings, subsequent pairing will be automatic.

**For Auxiliary Input operation,** simply connect your portable device via its auxiliary output socket or headphone socket to the cabinets Auxiliary input socket using a stereo Auxiliary cable (not provided).

## 6. Clock Mirror

To set the time on the clock use the buttons located on the frame of the mirror:



- Press and hold the Hours button (J2) until the numbers on the clock start to flash
- Press the Hours button (J2) until the correct hour is reached
- Press and hold the Hours button (J2) until the numbers on the clock stop flashing
- Repeat the above steps for minutes by using the Minutes button (J1)

## FAQs

### 1. What is a LED Mirror?

A LED Mirror uses Energy Saving LED light bulbs. They are Waterproof Rated IP44 for use in bathrooms and include clever technology like, Infra-Red on/off sensors, Anti-Mist demister pads and a shaver socket.

### 2. On/Off Infrared Sensor?

All our LED Mirrors include Infra-Red on/off Sensor, simply wave your hand to the sensor and it will instantly powers up the lights and demister pad. You need to wave your hand 3-6 inches away to On/Off your mirror cabinet.

### 3. Where is the sensor located?

The sensor is located on the bottom of the mirror and not on the front of the glass.

### 4. Can I isolate the sensor so the led's come on with my bathroom lighting?

Yes, just call us for instructions and we shall email them to you, it's extremely easy!

### 5. Heated Demister Pad Mirrors?

Yes, please refer to the Operating Instructions on page 9.

### 6. How do I activate the demister pad?

The demister pad works automatically when the lights are turned on and off.

### 7. Is the mirror tinted glass?

No, the mirror is perfectly clear reflective mirror glass.

### 8. Is the mirror CE & ROHS certified?

Yes!