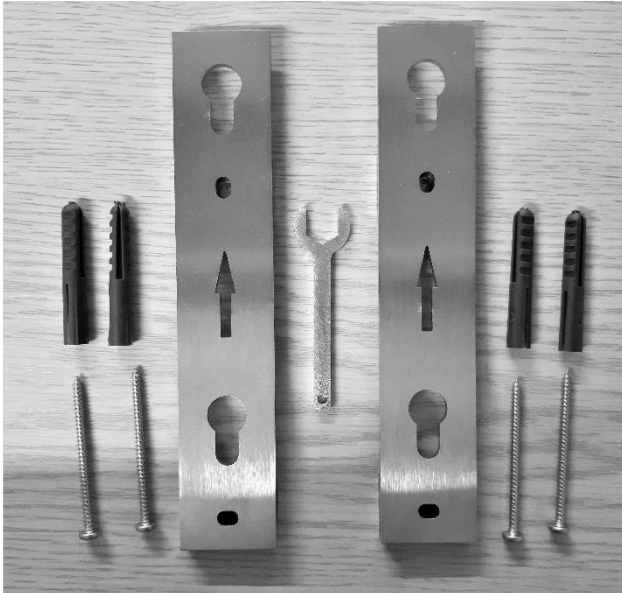


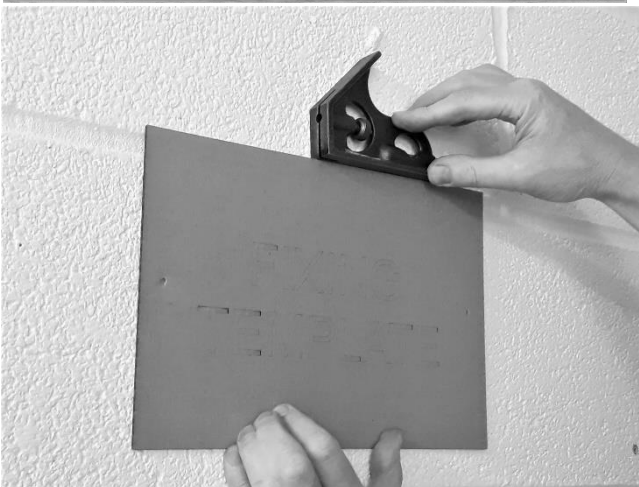
**How to install large LED House Name plates with key hole fixing brackets**  
**WE RECOMMEND THAT YOU RETAIN THIS DOCUMENT FOR FUTURE REFERENCE**

Do not remove the protective film from the front surface of the house name plate until your installation is complete.

The parts supplied for this installation are shown in the photos below and comprise of 2 key hole hanging brackets, 4 stainless steel screws, 4 brown wall plugs and a small spanner. You also have an IP rated LED Driver in a small box.



Put the card drilling template up to the wall and tape it in place. Use a spirit level to ensure alignment and centre punch [or pencil] mark the fixing centres as per the images below. Drill the 4 holes accurately [ $\pm 0.5\text{mm}$ ] with a #7 drill bit to the depth of the wall plug supplied.



Insert the brown wall plugs into the drilled holes and fix the key hole hanging brackets to the wall with the stainless-steel screws. Ensure the key hole hanging brackets are fixed to the wall **with the arrow pointing up**.

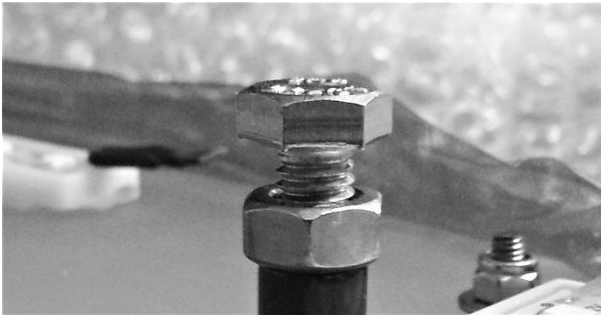
At this stage also identify a convenient point to exit the low voltage connection cable[s]. These cables will pass through a 9mm diameter hole. The location of the hole for this low voltage wire ideally needs to be away from the backlit text area. Drill a suitable hole. Do not force the connector through if the hole is tight. Enlarge the hole size with an 10mm masonry bit to give a more generous clearance if needed.

Turn the sign onto its face. Use the bubble wrap from the shipping packaging to help protect the front surface when you turn it over.

[www.housenumbers.co.uk](http://www.housenumbers.co.uk) will only be able to provide warranty on this product if these guidance notes have been followed carefully. This does not affect your statutory rights. Please see our terms and conditions on the website. Please call us on 01258 456225 if you require and further help or guidance on installing this product.

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There are 4 bolts on the reverse of the sign, with a nut run loose at the base of the 18mm long bolts, which should look like the image below.

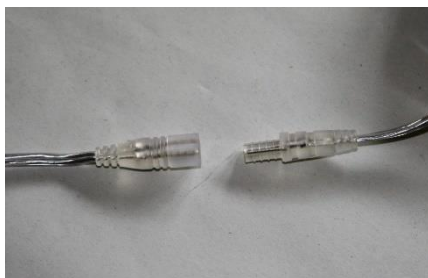


At this stage, we advise that an assistant is recruited for heavy signs over 750mm in length to avoid any damage due to dropping the sign during installation. Offer the sign up to the wall brackets to check for alignment and fit it into position. Remove the sign again and if necessary, make any adjustments to the position of the brackets to achieve a level installation.

You are now ready for the final stage of the physical installation. As well as guiding the fixing bolts into the wall brackets for the final time you also need to guide the electrical wire[s] through the exit hole created earlier. The use of a 'mouse wire' to pull it through to the internal connection is recommended. It is essential whilst completing this stage of the installation that the wire does not become trapped between the base of the fixing brackets and the wall surface. It would be desirable to keep the wire under slight tension as the sign is eased and fixed into place.

When you are happy that the sign has been slotted into place the loose hex nuts can be gently tightened against the wall brackets to ensure the security of the sign, using the spanner supplied, shown in the image to the right. This is essential to ensure a safe installation. It also means the signage cannot be tampered with and is difficult to remove without the correct tools.

The connection to the LED driver can now be made. Gently align the connectors and push them together firmly and connect the electrical LED driver to the supply. If you are using the hard wire transformer we recommend that you consult a qualified electrician if you are not familiar with wiring electrical equipment to the mains supply. A junction box may be required depending on the location of the driver and connections (if exposed to very wet or extreme conditions) and your electrician will be able to advise you about this.



Switching – the LEDs can be switched on and off via the switched supply to the driver however they are suitable for a number of different configurations for example a timer switch or a light dependent switch or a movement sensor. With a suitable circuit, they are also able to flash on and off. We recommend that an electrician is consulted about the wiring of these options to suit the context in which the product is being used.

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**CLEANING & CARE INSTRUCTIONS**

**304 grade stainless steel:**

Your house number should only need an annual clean. Please do not clean your stainless steel sign with anything other than a proprietary stainless steel cleaner such as **3M Stainless Steel Cleaner and Polish or Brasso** which will remove any 'tea staining' which may occur over time. Any other cleaning products, particularly bleach containing products, SHOULD NOT be used as this may cause damage to the steel.

**316-grade stainless steel for coastal locations:**

316 stainless is the ultimate grade in terms of corrosion resistance. It is more expensive because of the higher nickel/chromium content. Although it is called marine grade stainless steel, we cannot guarantee that over time your number/sign will not discolour, particularly if you are close to the sea. We recommend that you use a small amount of **baby oil on a lint free cloth** to clean and protect your sign on a regular basis (once a month). If discolouration does occur, you can use **Brasso** to remove the 'tea staining'. But again, this needs to be done on a regular basis before too much oxidization builds up. Any other cleaning products, particularly bleach containing products, SHOULD NOT be used as this may cause damage to the steel.

**Powder Coatings:** these powder coatings are architectural grade and should not discolour, tarnish or fade. If there are any small smudges on the surface after installation then these can be wiped away with a clean dry soft cloth if needed.

**HOUSENUMBERS LIMITED PRODUCT WARRANTY STATEMENT**

***Conditions***

Housenumbers Limited warrants its illuminated LED products are free from defects in material, workmanship, and components. The product has been tested before it leaves our workshop. Subject to the conditions and limitations set forth below, Housenumbers Limited will either replace or give a refund for any product that proves defective by reason of defects in material, workmanship, and components. Any refunds given will be at the current value of the product at the time the product was purchased. This limited warranty does not cover any damage to this product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or incorrect electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, or modification to the product. This limited warranty only covers replacement for defective illuminated LED products as set out above.

***Terms***

The LED lighting and LED driver on this Housenumbers product is covered by this warranty for a period of **one year from the date of purchase**.

***Procedure***

The procedure for dealing with any warranty claims and handling of goods can be obtained by contacting the Housenumbers office on 01258 456225 during normal office hours or by emailing [enquiries@housenumbers.co.uk](mailto:enquiries@housenumbers.co.uk).

***Disclaimers***

All warranties, whether express or implied, are limited to the periods of time set forth above. Housenumbers Limited total liability under this or any other warranty is limited to replacement of the LED units and/or the LED driver.

[www.housenumbers.co.uk](http://www.housenumbers.co.uk) will only be able to provide warranty on this product if these guidance notes have been followed carefully. This does not affect your statutory rights. Please see our terms and conditions on the website. Please call us on 01258 456225 if you require and further help or guidance on installing this product.