

## THE REVOLUTIONARY FLATSCREEN MOUNTING KIT

### 1.2MM ULTRA LOW PROFILE WALL MOUNTS

### FITTING INSTRUCTIONS

### 5 YEAR GUARANTEE

We designed the TVHANGA because of our negative experiences with other mounting brackets that were very expensive, complicated, bulky, over engineered and dysfunctional. Our design takes you, the customer so much further than other designs, taking into account different wall material surfaces, manpower and tools needed. Most other brackets require a tradesman to fit if the customer wants a smart finish.

TVHANGA can get as little as 1.2mm off the wall for that **Ultra Low Profile (ULP)** look with all cables hidden safely behind the wall out of the reach of children and pets. The 20mm **Low Profile (LP)** can also do this, but with a slight stand off from the wall. Both of these models put the minimum of stress on the wall surface unlike other designs.



*Note: **Low Profile (LP)** models are mainly for mounting your flatscreen with cables hidden in the wall, however if the cable ports are deep enough then you can also surface mount them.*

The 60mm **Surface Mounted (SM)** model allows for bulky cable connections such as SCART and HDMI if the customer does not want to cut and channel into the wall. The 3 TVHANGA bracket models and four flatscreen sizes (covering 12" up to 80") are truly universal, unlike a lot of other mounting brackets on the market today.

We have designed the TVHANGA and its packaging to be as environmentally friendly as possible. It is re-usable as well as recycleable.



#### **Contents** (for 12-20" flatscreens)

2 x ULP mounting brackets  
8 x screws  
8 x wall plugs  
Sticky tack ( RoHS, CE, EN-71, ASTM D-4236 )  
Permanent marker ( ASTM D-4236 )  
Instruction booklet  
Polythene template

( Keep away from fire, heat & children )  

#### **Contents** (for 20-40", 40-60", 60-80" flatscreens)

4 x ULP mounting brackets  
( 20-40" models come with 2 half brackets and 2 full brackets )  
16 x screws  
16 x wall plugs  
Sticky tack ( RoHS, CE, EN-71, ASTM D-4236 )  
Permanent marker ( ASTM D-4236 )  
Instruction booklet  
Polythene template

( Keep away from fire, heat & children )  

## GENERAL INFORMATION

One of the great things about TVHANGA is that you don't need a tradesman, his toolkit or his expertise. The template consists of built-in spirit level, tape measure and visual aids for screen fitting and wall mounting.

Each screw and universal wall plug has a safe working load of 30kg. Each bracket has a safe working load of 60kg. This results in a total safe working load of 240kg for 4 brackets (120kg for 2 brackets) combined which is more than enough for even the heaviest flatscreens on the market. These have been tested on the weakest wall surface which is plasterboard. **However, we do not recommend you hang 240 kg on your wall as the wall may fail before TVHanga will - this product is for hanging flatscreens only!**

TVHANGA brackets are truly universal brackets able to hold M8, M6 and M4 bolts. Bolts in most instances are supplied with your flatscreen. In the event they are not they can be purchased from most DIY stores.

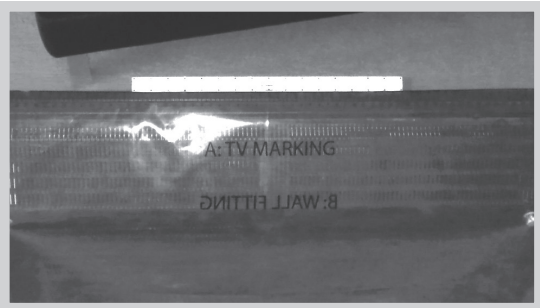
They use only a fraction of the metal used in other brackets making them the environmentally conscious choice. TVHANGA is absolutely re-useable and recyclable.

**Before beginning any work involving cutting or drilling into walls, please check for electric, signal cables or water and gas pipes. Your wall - whether it is plasterboard, stone, brick, wood, etc. - may have wooden or metal studs behind or within it.\***



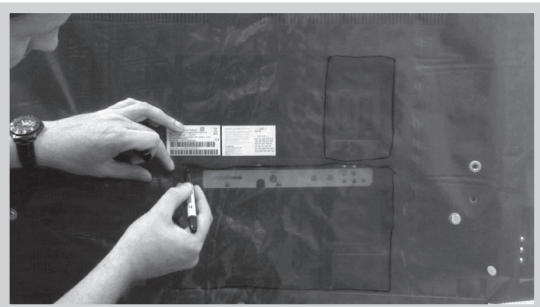
1. There are 4 different sizes of templates to choose from depending on the size of your screen.

Firstly, attach your template to the back of your screen using sticky tack provided.



2. Ensure you can read the words **A: TV MARKING** written just below the built-in spirit level.

Make sure the built-in spirit level is central using the tape measure and the black line flush with the edge of the screen.



3. Using the permanent marker provided, draw around the cable ports (eg. SCART, HDMI, power, etc.). Ensure you do not mark these too neatly as you may require some room for movement later.

Flip the template up, but ensure it remains attached at the top of the screen.



4. Sizing the bolt to the bracket. Loosen bolt off 2/3mm, place the bracket in desired keyhole slot and gently tighten. Remove bracket and repeat on other bolts. It must be tightened only enough for the bracket to be removed. Too tight and it will be difficult to fit, too loose and it will be shaky once fitted.

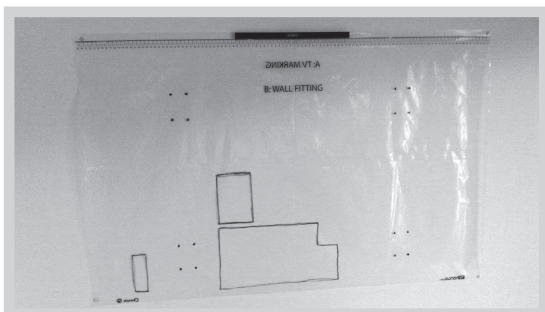


5. All 12-20" kits come with only 2 x ULP brackets. On the back of the flatscreen, you have a choice of either top 2 or bottom 2 mounting holes to use for a smart finish.

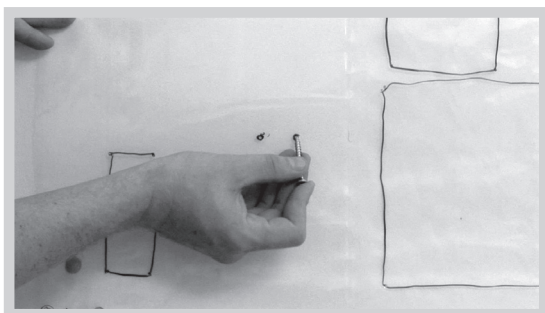
*20-40" models come with 2 half brackets and 2 full brackets. Half brackets fit to the top and full brackets to the bottom of the flatscreen. This is due to some flatscreen models having the bolt holes very close to the top of the flatscreen frame.*



6. Drop the plastic template back down then mark out the screw holes on the ULP brackets with the permanent marker. If you find it useful then draw around the ULP brackets as well.

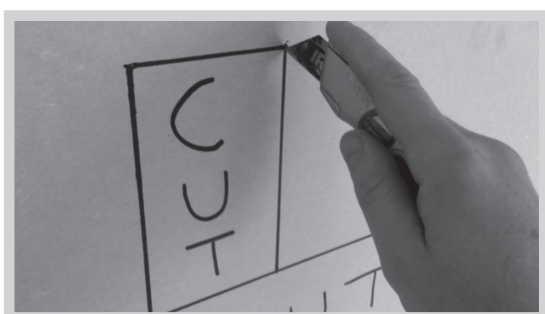


7. Remove the template from the back of the flatscreen and attach to the wall using the sticky tack provided, ensuring you can read the words **B: WALL FITTING** written just below the built-in spirit level. Make sure the bubble is dead in the middle of the spirit level making your template level.



8. Using one of the screws provided, mark the screw holes, cable location and cutting/channelling guides through the template and follow up with the permanent marker.

Remove the template from the wall.



9. On the wall, mark out the lines needed for cutting or channelling cable boxes. Cut or channel the wall as necessary for your cables.

Hiding cables in the wall requires a hammer and chisel if the wall is masonry, stone or brick. Plaster board walls can be cut using a 'stanley' type knife as shown. Health and safety goggles, gloves and above all care to be taken when using sharp tools!

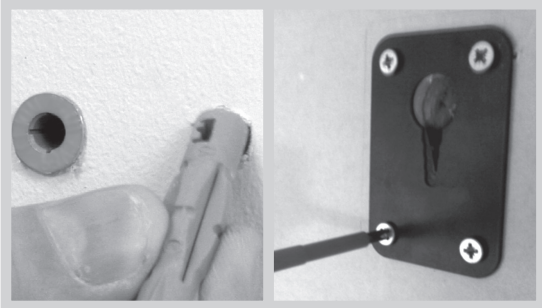


10. Place the ULP brackets over the marked screw holes and trace out the keyhole shape in the bracket using the permanent marker.



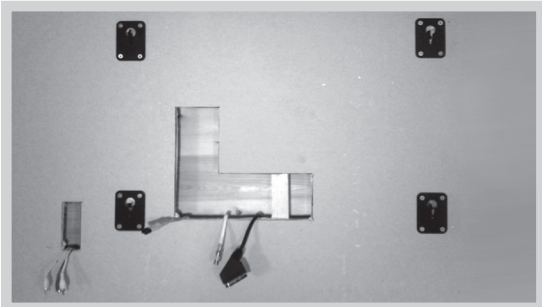
- 11.** Drill as necessary for width and depth of your bolt head to give a figure of eight shaped hole. Then, using a 6mm drill bit and using the markings as a guide, drill the screw holes on the wall no more than 50mm in depth.

*Note: If you are fixing to a wooden surface, then no drilling/wall plugs are required. Plasterboard requires only a normal drill bit. Stone and masonry require a proper masonry drill bit.*



- 12.** Insert the universal wall plugs and tap them into place.

Screw the ULP brackets in place using either a Phillips or 'posidrive' screwdriver. Tighten the screws until solid.

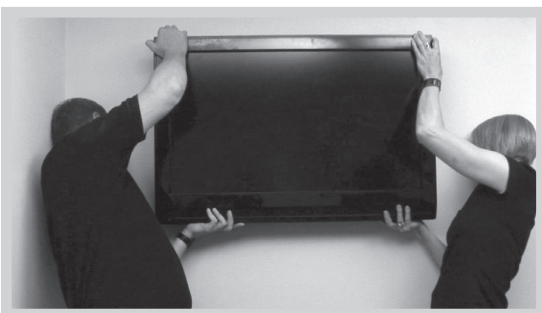


- 13.** Fix all 4 ULP brackets securely to the wall. Locate your cables in the cut holes/channels.

*Note: All 12" to 20" kits come with only 2 ULP brackets. See instruction 4.*



- 14.** Connect your cables to your flatscreen.



- 15.** The screen is then ready to be mounted on the ULP brackets with minimum fuss for an ultra low profile look. Please ensure that the mounting bolts are attached to the back of the flatscreen. Some manufacturers have fixed washers to the bolts, be wary of these when finally mounting your TV.

Your flatscreen is now mounted 1.2mm from the wall - the slimmest flatscreen TV bracket in the world!

Instructional video now online at [www.tvhanga.com](http://www.tvhanga.com)<sup>TM</sup>

Company registered number: SC369240

**Another product from Cuckoo Concepts**

Company registered number: SC361272

*\* TVHanga cannot accept responsibility for any damage caused to fixtures or structure or personal injury whilst using this product. If you are in any doubt, please contact a qualified tradesman. For full details of our terms and conditions please visit our website: [www.tvhanga.com](http://www.tvhanga.com)*