

1. Hub and Accessories

The Hills Home Hub range of enclosures delivers a complete solution to suit the most demanding applications. Flexibility of mounting installation types and sizes ensure there is a Hills Home Hub enclosure solution tailored to meet your specific customer requirements. A modular design approach has been chosen for the 400, 600 & 1000 series enclosures, enabling compact placement of distribution modules and power supplies.



400 Series Surface Mounted Enclosure



600 Series Universal Mounted Enclosure



1000 Series Universal Mounted Enclosure

Hills Home Hub 400 Series Surface Mount Enclosure

Features

- Surface mounted
- Provides the convenience of left or right-opening door
- Has a flexible equipment fixing design
- Supplied with a Hills Security System mounting bracket
- Ideal for apartments and smaller applications

Specifications

Dimensions: 480mmH x 370mmW x 110mmD

Material: Steel

Colour: Hills White (powder coated)

Lockable Cover: Yes

Tamper Protection: Yes (on security system bracket). Tamper switch sold separately.

Surface Mounted: Yes

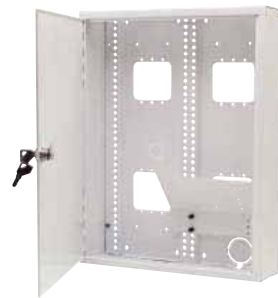
Approximate Module Capacity: 6

Ordering Information

- S3489 Kit with Power Supply
HHH-400ES Hills Home Hub 400 Series Surface Enclosure
HHH-4SMBS Hills Security Mounting Bracket - Surface
HHH-4ACC Hub 400 Accessory Pack
HPS-25W Hills Security and Ancillary Power Supply

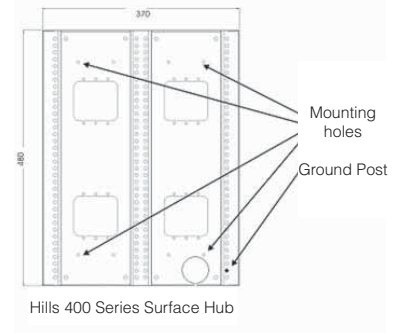


400 Series Surface Mounted Enclosure



Mounting the Hills Home Hub 400 Series Surface Mount Enclosure

1. Place the enclosure against the wall in the position where you want to install it. Make allowance for cable entry points.
2. Mark pilot holes.
3. Remove the enclosure and drill pilot holes.
4. Put the enclosure in place, and fix it to the wall using appropriate screws for the material you are drilling and the weight of the finished system (15-20kgs).
5. Ground the enclosure. An M3 earth-bonding screw is located in the accessory pack and should be affixed to the hub enclosure base. Place an earth symbol sticker (included in the accessory pack) on the enclosure base adjacent to the earth-bonding screw. Attach a ground wire between this and an earth ground point.



Option: Mounting the Hills Security PCB

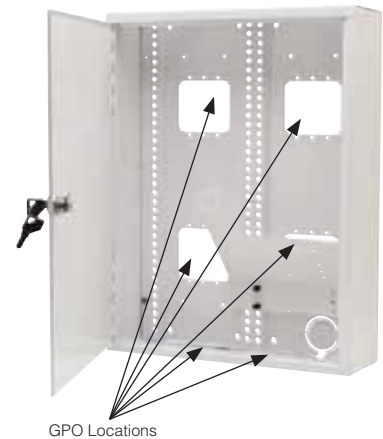
If utilising the security option within the enclosure:

1. Locate the 4 x PCB standoffs found in the accessory pack.
2. Attach these to the security bracket (pre-fitted inside the enclosure).
3. Align the Hills Security PCB with the standoffs and clip into place as shown.
4. Install a tamper switch as shown.



Option: Mounting locations for GPO's

6 mounting locations are provided for installation of GPO's as shown.



Hills Home Hub 400 Series Flush Mount Enclosure

Features

- Can be concealed into most wall types including double brick and dry walls with a minimum of 90mm depth
- Provides the convenience of left or right-opening door
- Has a flexible equipment fixing design
- Supplied with a Hills Security System mounting bracket
- Ideal for apartments and smaller applications

Specifications

Dimensions: Back box: 480mmH x 365mmW x 88mmD

Surround frame: 540mmH x 415mmW

Material: Steel

Colour: Hills White (powder coated)

Lockable Cover: Yes

Tamper Protection: Yes (on security system bracket). Tamper Switch sold separately.

Cavity Mounted: Yes

Approximate Module Capacity: 6

Ordering Information

S2368 Kit with Power Supply
HHH-400EF- Hills Home Hub 400 Series Flush Enclosure
HHH-4SMBF - Hills Security Mounting Bracket - Flush
HHH-4ACC - Hub 400 Accessory Pack
HPS-25W Hills Security and Ancillary Power Supply



400 Series Flush Mounted Enclosure



Mounting the Hills Home Hub 400 Series Flush Mount Enclosure

The Hills Home Hub – 400 Series Flush may be mounted in 90mm deep or greater plasterboard, brick or rendered wall.

1. Remove the front cover of the enclosure by unscrewing the four corner screws.
2. Place the enclosure against the wall in the position where you want to install it. Make allowance for cable entry points.
3. Make a mark on the wall studs through the centre of the elongated mounting holes.
4. Remove the enclosure and drill pilot holes.
5. Put the enclosure in place, and fix it to the wall using appropriate screws for the material you are drilling and the weight of the finished system (15-20kgs).
6. Ground the enclosure. An M3 earth-bonding screw is located in the accessory pack and should be affixed to the hub enclosure base. Place an earth symbol sticker (included in the accessory pack) on the enclosure base adjacent to the earth-bonding screw. Attach a grounding wire between this and an earth ground point.
7. Mount the front cover using the four corner screws.

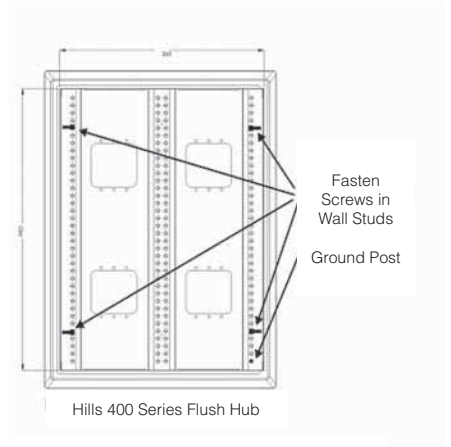
Option: Mounting the Hills Security PCB

If utilising the security option within the enclosure:

1. Locate the 4 x PCB standoffs found in the accessory pack.
2. Attach these to the security bracket (pre-fitted inside the enclosure).
3. Align the Hills Security PCB with the standoffs and clip into place as shown.
4. Install a tamper switch as shown.

Option: Mounting locations for GPO's

6 mounting locations are provided for installation of GPO's as shown.



Hills Home Hub 600 Series Universal Mount Enclosure

Features

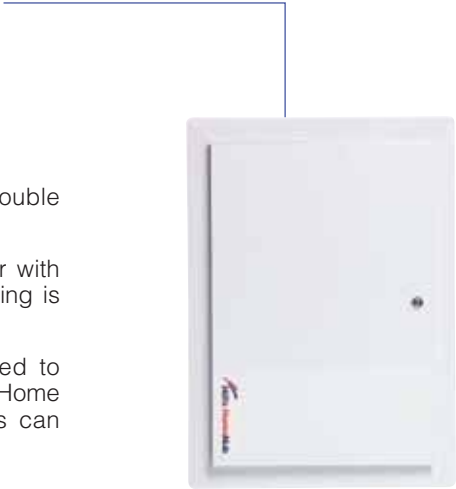
- Universal mounting (surface or flush mount)
- Can be concealed into most wall types including double brick walls and 70mm or 90mm depth dry wall
- Provides the convenience of left or right-opening door with the added benefit of simple door removal when servicing is required.
- Has a unique security system compartment designed to shield and protect (using a tamper system) the Hills Home Hub Security modules so that only authorised users can access them.
- Has a flexible equipment fixing design
- Low mounting bracket for fixing Hills Home Hub modules that require the maximum depth of the hub.
- High mounting bracket provides additional cable management facilities underneath the mounted Hills Home Hub modules, therefore doubling the available cabling space

Specifications

Dimensions: Back box: 600mmH x 405mmW x 110mmD
 Surround frame: 701mmH x 506mmW
 Material: Steel
 Colour: Hills White (powder coated)
 Lockable Cover: Yes
 Tamper Protection: Yes. Tamper Switch Sold Separately
 Cavity Mounted: Yes
 Surface Mounted: Yes
 Approximate Module Capacity: 8

Ordering Information

- S3492 Kit with Power Supply
 HHH-600E Hills Home Hub 600 Series Enclosure - Base
 HHH-6SF Hills Home Hub 600 Series Surround Frame
 HHH-6L Hills Home Hub 600 Series Lid
 HHH-LMB Low Module Mounting Bracket
 HHH-HMB High Module Mounting Bracket
 HHH-6SMB Hills Security System Mounting Bracket
 HHH-6SPC Hills Security System Protective Cover
 HHH-6ACC Hub 600 Accessory Pack
 HPS-25W Hills Security and Ancillary Power Supply



600 Series Flush Mounted enclosure



600 Series surface mount enclosure

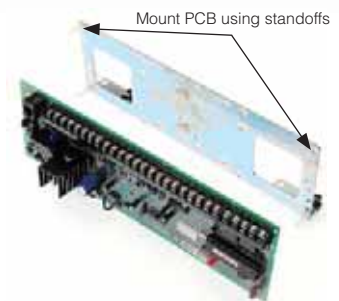
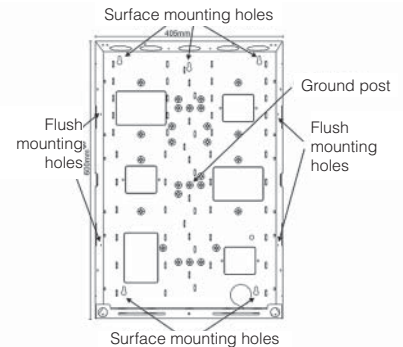


Surface Mounting the Hills Home Hub 600 Series Enclosure

The Hills Home Hub may be surface mounted.

Surface Hub Dimensions: 600mmH x 405mmW x 110mmD

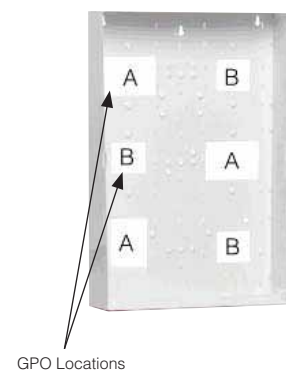
1. An M6 grounding post is provided with the accessory pack. Install the grounding post through the grounding post hole located in the middle of the enclosure. Place an earth symbol sticker (found in the accessory pack) on the enclosure base adjacent to the earth-bonding post.
2. Place the enclosure against the wall in the position where you want to install it. (Note that the enclosure may be heavy and care must be taken to minimise the risk of injury. Please seek assistance if required). Make allowance for cable entry positions.
3. Mark pilot holes.
4. Remove the enclosure and drill pilot holes.
5. Put the enclosure in place, and fix it to the wall using appropriate screws for the material you are drilling and the weight of the finished system.(15-20kgs)
6. Ground the enclosure.
7. Install chosen Hills Home Hub modules and terminate cables.
8. Affix the enclosure lid using the hinge slots provided (for left or right hand opening).



Option: Mounting the Hills Security PCB

If utilising the security option within the enclosure:

1. Remove the security cover by releasing the 2 plastic snap rivets (the enclosure lid must be removed first).
2. Locate the security mounting bracket and the 4 x plastic snap rivets found in the accessory pack.
3. Mount the security PCB onto the security mounting bracket using the 4 PCB standoffs found in the accessory pack.
4. Align the security mounting bracket with the holes on the low module mounting bracket within the security compartment and secure using the 4 plastic snap rivets.
5. Connect all ancillary devices to the security PCB (battery, sensors, code pads etc.).
6. Select a location for the tamper switch. There are 4 possible locations (2 on the security cover and 2 on the hub enclosure base). The 2 tamper switch locations on the security cover are for protection against security cover removal and/or removal of the hub enclosure from the wall (box tamper). The 2 tamper locations on the hub enclosure base are for protection against unauthorised opening of the enclosure lid (depending on left or right hand opening).
7. Install a tamper switch/es in the desired locations.
8. Replace the security cover.



Option: Mounting locations for GPO's

6 mounting locations are provided for GPO's as shown.

Locations marked "A" are for the placement of the hub enclosure base over an existing GPO. Locations marked "B" are for the installation of a new GPO into the hub enclosure base.

Flush Mounting the Hills Home Hub 600 Series Enclosure

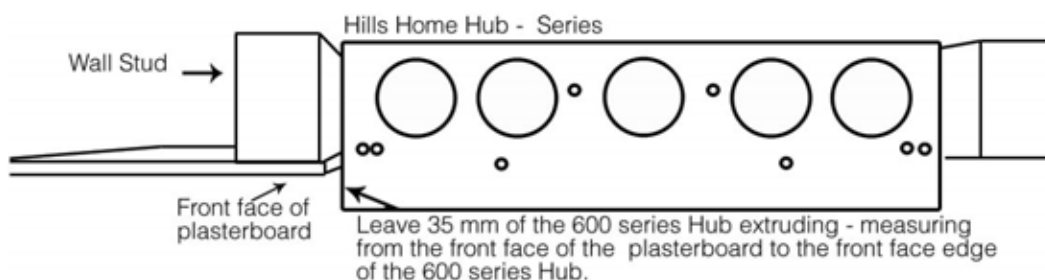
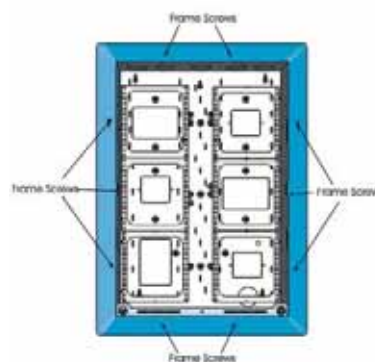
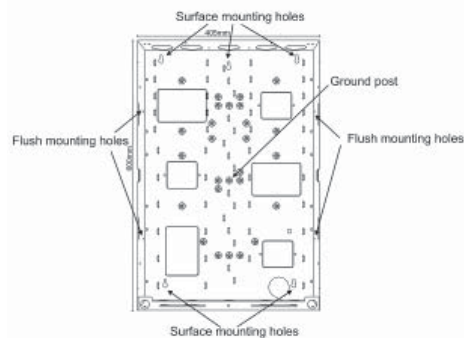
The Hills Home Hub may be optionally flush mounted in a 70mm or 90mm plasterboard, brick or rendered wall.

Flush Hub Dimensions:

Back Box: 600mmH x 405mmW x 110mmD

Surround: 701mmH x 506mmW

1. An M6 grounding post is provided with the accessory pack. Install the grounding post through the grounding post hole located in the middle of the enclosure. Refer to diagram 3 for location. Place an earth symbol sticker (found in the accessory pack) on the enclosure base adjacent to the earth-bonding post.
2. Place the enclosure against the stud at the desired height. See diagram 2. (Note that the enclosure may be heavy and care must be taken to minimise the risk of injury. Please seek assistance if required) The enclosure must be mounted so that it is extruding 35mm - measured from the front face of the plasterboard to the front face edge of the enclosure. Refer to diagram 4. Make allowance for cable entry positions.
3. Make a mark on the wall studs through the centre of the flush mounting holes. Refer to diagram 3 for location.
4. Remove the enclosure and drill pilot holes.
5. Mount the enclosure in place, and fix it to the wall using appropriate screws for the material you are drilling and the weight of the finished system (15-20kgs). Wood screws are supplied in the accessory pack.
6. Remove the security cover by releasing the 2 plastic snap rivets
7. Attach the enclosure frame using the provided screws found in the accessory pack.
8. Ground the enclosure.
9. Install chosen Hills Home Hub modules and terminate cables.
10. Replace the security cover.
11. Affix the enclosure lid using the hinge slots provided (for left or right hand opening).



Hills Home Hub 1000 Series Universal Mount Enclosure

Features

- ↘ Universal mounting (flush or surface)
- ↘ Can be concealed in most wall types including double brick walls with 90mm depth or greater
- ↘ Removable door for installation convenience
- ↘ Has flexible equipment fixing design

Specifications

Dimensions: Back Box: 1066mmH x 362mmW x 100mm D
Cover: 1105mmH x 400mmW
Material: Steel
Colour: Hills White (powder coated)
Cavity Mounted: Yes
Surface Mounted: Yes
Approximate Modules: 16

Ordering Information

S3494 Kit with Power Supply
HHH-1000E 1000 Series Universal Mount Enclosure
HPS-25W Hills Security and Ancillary Power Supply



1000 Series Universal
Mounted Enclosure



Mounting the 1000 Series Hills Home Hub Enclosure

1. Using the mounting tabs or side slots to mount the enclosure between the studs, or using mounting holes provided in the back of the unit for surface mounting. NB. Be sure to leave enough space both on the top and bottom of the unit for wire routing and the "UP" arrow should face to the top. (Fig 1)
2. When using the side slots, position the enclosure with the front to protrude beyond the wallboard surface, which will match the finished wall. Mark the center of the mounting slots, this allows for further adjustment to match the finished wall. Drill pilot holes and install the enclosure with wood screws. When using the mounting tabs, select the proper holes (A-5/8", B-1/2" or C-3/8") for wallboard. When using the mounting holes, attach the unit to the wall with screw anchors recommended to support the weight of the enclosure and variety of modules. (Fig 2)

Cable Installation

Remove the knockouts which can be found on the top, bottom, sides and back of the enclosure as needed for wiring. Insert a screwdriver into the slot and bend to break the knockout. Insert the plastic grommets in the opening to protect cables from being damaged. (Fig 3)

Grounding the Enclosure

The grounding screw is located inside the bottom of the enclosure. A grounding wire is needed and should be connected securely between the grounding screw and an earth ground point. (Fig 4)

Installing the Cover

Hook the cover on the enclosure then screw it via mounting holes on the cover. (Fig 5)

Cable Management

Using the cable ties provided, group and attach the wires at the side grids of the enclosure.(Fig 6)

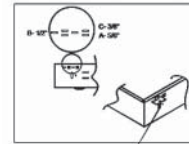


Fig 1

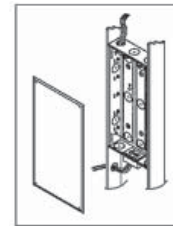


Fig 2

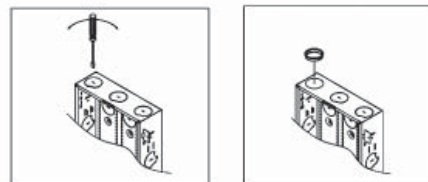


Fig 3

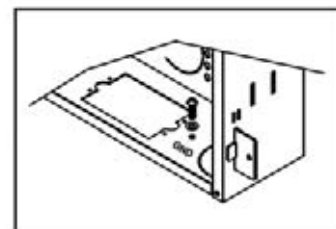


Fig 4

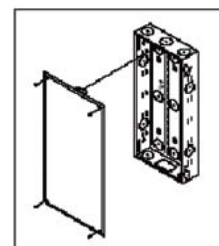


Fig 5

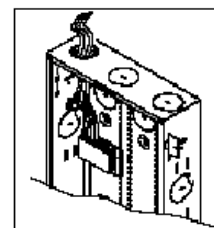


Fig 6