

Pop-Out Ultra Stretch Signage Mount For LG® 86BH5C

Installation Guide



- Recommended screen size: 86"
- Max load: 50kg (110lbs)
- Max VESA® fixings: 600 x 200mm
- Depth from wall (closed):
110mm (+/- 10mm micro-adjustment)
- Depth from wall (open):
278.5mm (+/- 10mm micro-adjustment)
- +/- 20mm Height adjustment
- Safety screws help prevent unauthorised removal of screens
- All mounting hardware included

Max Load	Max VESA	Post Install Alignment
 50kg (110lbs)	• 600 x 200 •	

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Installation Safety Instructions



Caution: This mount is intended for use only with the maximum weights indicated. Use with equipment heavier than the maximum indicated may result in instability causing possible injury.

Do not attempt to install this product until all instructions and warnings have been read and properly understood. *Please keep these instructions for future reference.* Please check carefully to make sure there are no missing or defective parts - defective parts must never be used. B-Tech AV Mounts, its distributors and dealers are not liable or responsible for damage or injury caused by improper installation, improper use or failure to observe these safety instructions. In such cases, all guarantees will expire.

General

B-Tech AV Mounts recommends that a professional AV installer or other suitably qualified person install this product. Great care must always be taken during installation as most AV equipment is of a fragile nature, possibly heavy and easily damaged if dropped. If you do not fully understand the instructions or are not sure how to install this product safely, then please consult a professional for advice and/or to install this product for you. Failure to mount this product correctly may cause serious injury or death both during installation and at any time thereafter. Do not mount any AV equipment that exceeds the specific weight limit of the product you are installing. This weight limit will be clearly stated on each product and its packaging and will vary from product to product.

Product location

Please pay careful attention to where this product is located. Check load capacity of the ceiling prior to installation as some surfaces are not suitable for installation. Designed for indoor use, this mount is suitable for public or home installation if located in a public or frequently populated area ensure that the product is out of the immediate reach of people. If any AV equipment is to be suspended over the likely path or location of people then great care should be taken to secure all parts of the installation from falling. When drilling holes it is essential to avoid contact with electrical cables and water or gas pipes contained within. Use of a good quality live wire detector and hidden object locator is therefore recommended. Only drill into structures when you are sure it is safe to do so.

Fixing hardware

It is highly recommended that all fixing screws be used where supplied and that the purpose of all other fixing hardware is fully understood. In some cases more AV equipment fixing hardware will be supplied to accommodate different models of equipment and set up configurations. The installer must be satisfied that any supplied fixing hardware is suitable for each specific installation. The fixing kit supplied with the product may not be suitable for all walls. If any fixing screws or included hardware are deemed not sufficient for a safe installation then please consult a professional or your local hardware store. When drilling holes it is essential to avoid contact with electrical cables and water or gas pipes contained within. Use of a good quality live wire detector and hidden object locator is therefore recommended. Only drill into structures when you are sure it is safe to do so.

Hazard limitation

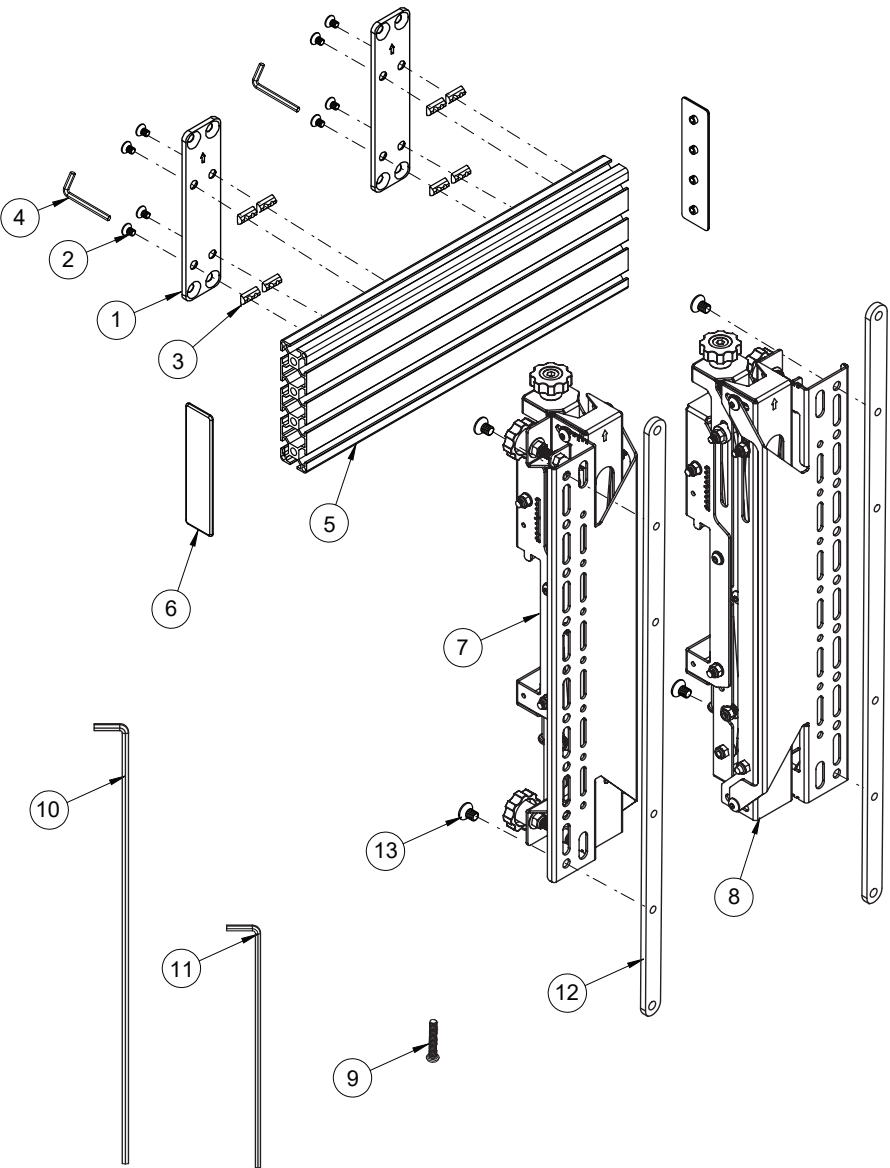
When routing cables take advantage of any built in cable management features that the product might provide and ensure that all cables are tidy and secure. Check to see that any moving aspect of the product can do so unhindered by any cabling. Some products have moving parts and the potential to cause injury through the crushing or trapping of fingers or other body parts. Particular attention to the nature of moving parts is required especially when assembling installing and adjusting during set up. Immediately after installation double-check that the work done is safe and secure. Double-check all necessary fixings are present and are of ample tightness. It is recommended that periodic inspections of the product and its fixing points are made as frequently as possible (no more than 6 months apart) to ensure that safety is maintained. If in doubt consult a professional AV installer or other suitably qualified person.

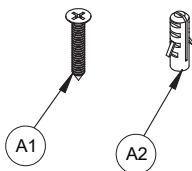
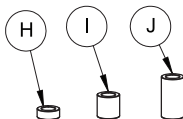
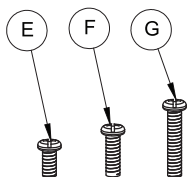
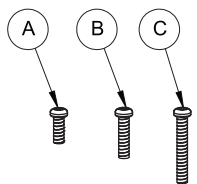
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- DE B-Tech AV Mounts empfiehlt, dass dieses Produkt durch einen qualifizierten AV-Techniker oder eine andere Person mit geeigneter Qualifikation installiert wird. B-Tech AV Mounts, ihre Distributoren und Händler können nicht für durch fehlerhafte Montage verursachte Beschädigung oder Verletzung haftbar bzw. verantwortlich gemacht werden. Dieses Produkt muss auf einem geeigneten Untergrund montiert werden und darf nur bis zum angegebenen Höchstgewicht verwendet werden.
- EN B-Tech AV Mounts recommends that this product be installed by a qualified AV technician or other suitably qualified person. B-Tech AV Mounts, its distributors and dealers are not liable or responsible for damage or injury caused by improper installation, improper use or failure to observe these safety instructions. In such cases, all guarantees will expire. This product must be mounted on a suitable surface and may only be used up to the specified maximum weight.
- ES B-Tech AV Mounts recomienda que un instalador de audio y video profesional u otra persona debidamente cualificada instalen este producto. B-Tech AV Mounts, sus distribuidores y concesionarios no se hacen cargo ni se responsabilizan de ningún daño o lesión provocados por una instalación inapropiada. Este producto se debe montar en una estructura adecuada y se debe utilizar soportando solamente hasta el peso máximo indicado.
- FR B-Tech AV Mounts recommande de confier l'installation de ce produit à un installateur AV professionnel ou à une autre personne dûment qualifiée. B-Tech AV Mounts, ses distributeurs et ses revendeurs ne sauraient être tenus responsables de tout dégât ou de toute blessure résultant d'une installation incorrecte. Ce produit doit être monté sur un support approprié et utilisé dans la limite du poids maximum indiqué.
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- KR B-Tech AV Mounts 는 AV 설치 전문가 또는 적합한 지식을 갖춘 사람이 제품을 설치하도록 권장합니다. B-Tech AV Mounts 와 판매점, 거래처는 이러한 안전 지침을 따르지 않을 경우에 수반될 제품의 손상이나 손해에 대한 책임을 지지 않습니다. 경우에 따라 제품이 설치되기에 적합하지 않은 곳들도 있으므로 설치 위치에 특별한 주의를 기울여 주시기 바랍니다. 제품의 설치 위치에 주의를 기울여 확인하십시오. 지정된 무게 제한을 초과하는 AV 장비를 장착하지 마십시오.
- NL B-Tech AV Mounts adviseert om dit product te laten installeren door een professionele AV-installateur of andere hiervoor gekwalificeerde persoon. B-Tech AV Mounts, haar distributeurs en dealers zijn niet aansprakelijk of verantwoordelijk voor schade of letsel die is veroorzaakt door onoordeelkundige installatie. Dit product moet worden gemonteerd aan een geschikte constructie, waarbij het aangegeven maximum gewicht niet mag worden overschreden.
- PL Firma B-Tech AV Mounts zaleca, aby ten produkt był instalowany przez profesjonalnych instalatorów AV lub inny odpowiednio przeszkolony personel. Firma B-Tech AV Mounts, jej dystrybutorzy i dealery nie ponoszą odpowiedzialności za uszkodzenia lub obrażenia ciała powstałe w wyniku nieprawidłowej instalacji. Niniejszy produkt musi być amontowany na odpowiedniej powierzchni, a podczas użytkowania nie wolno przekraczać podanego maksymalnego obciążenia.
- PT A B-Tech AV Mounts recomenda que a instalação deste produto seja efectuada por um instalador de AV instalador de AV profissional ou outra pessoa devidamente habilitada. A B-Tech AV Mounts e os seus distribuidores e concessionários não são responsáveis por danos ou lesões causados por uma instalação incorrecta. Este produto tem de ser montado numa estrutura adequada e utilizado somente até ao peso máximo indicado.
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توصي بي- تك للتجارة الدولية المحدودة بأن شخص محترف في تركيب ال AV أو شخص مؤهل تأهيلا مناسباً لتركيب هذا المنتج. بي- تك للتجارة الدولية، موزعها والتجار ليست عرضة أو مسؤولة عن الأضرار أو الإصابات الناجمة عن تركيب غير سليم، والاستخدام غير السليم أو عدم مراعاة هذه التعليمات للسليم. يجب أن يتم تركيب هذا المنتج في بنية مناسبة ويجب استخدام فقط لدعم الحد الأقصى للوزن المشار إليه.

BT9909 Parts List

Please keep this for future reference





Item	Description	Qty
1	Wall Fixing Plate	2
2	M8 x 12mm Csk Screw	8
3	M8 Sliding Nut	8
4	5AF Hex Key	2
5	Mounting Rail L:300mm	1
6	End Cap	2
7	Interface Arm (Left)	1
8	Interface Arm (Right)	1
9	M6 x 35mm Screw	2
10	5AF Long Hex Key	1
11	4AF Hex Key	1
12	600mm Adaptor Arm	2
13	M6 x 12mm Screw	4

Screen Interface Kit

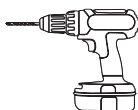
A	M6 x 16mm Screw	4
B	M6 x 25mm Screw	4
C	M6 x 40mm Screw	4
D	Washer	4
E	M8 x 16mm Screw	4
F	M8 x 25mm Screw	4
G	M8 x 40mm Screw	4
H	5mm Spacer	4
I	13mm Spacer	4
J	24mm Spacer	4

Wall Fixing Kit

A1	ST8 X 50mm Wood Screw	8
A2	N°10 Wall Plug	8

Installation Tools Required

Drill
Masonry bit or Wood bit



Pencil



Spanner



Screwdriver
Crosshead



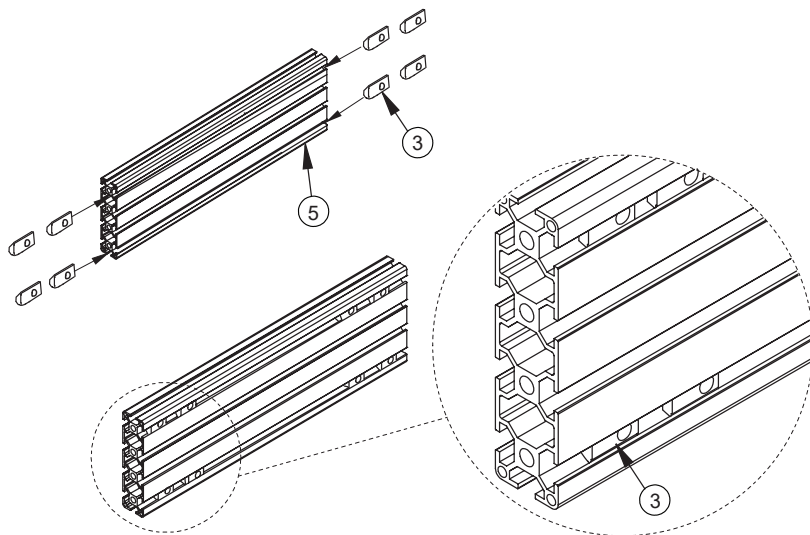
Suitable for loads up to 50kg (110lbs)

Installation Instructions

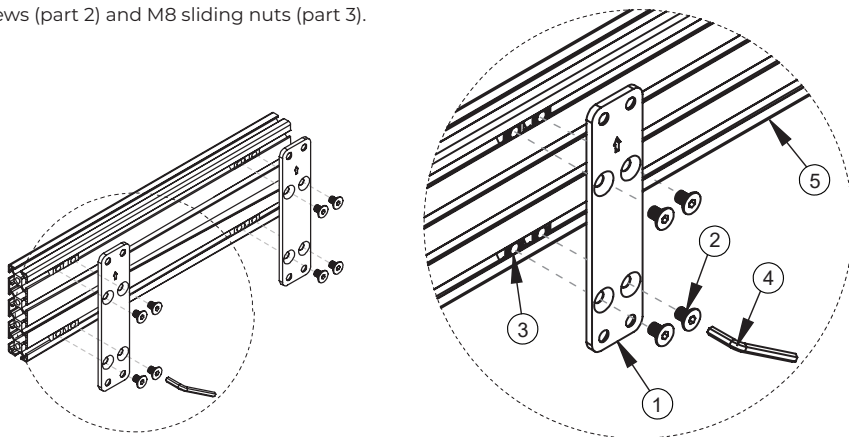
1. Attach Wall Fixing Plates to Mounting Rail

- i. Insert 4 x M8 sliding nuts (part 3) on each side of the mounting rail (part 5).

Two in the second slot / two in the bottom slot.



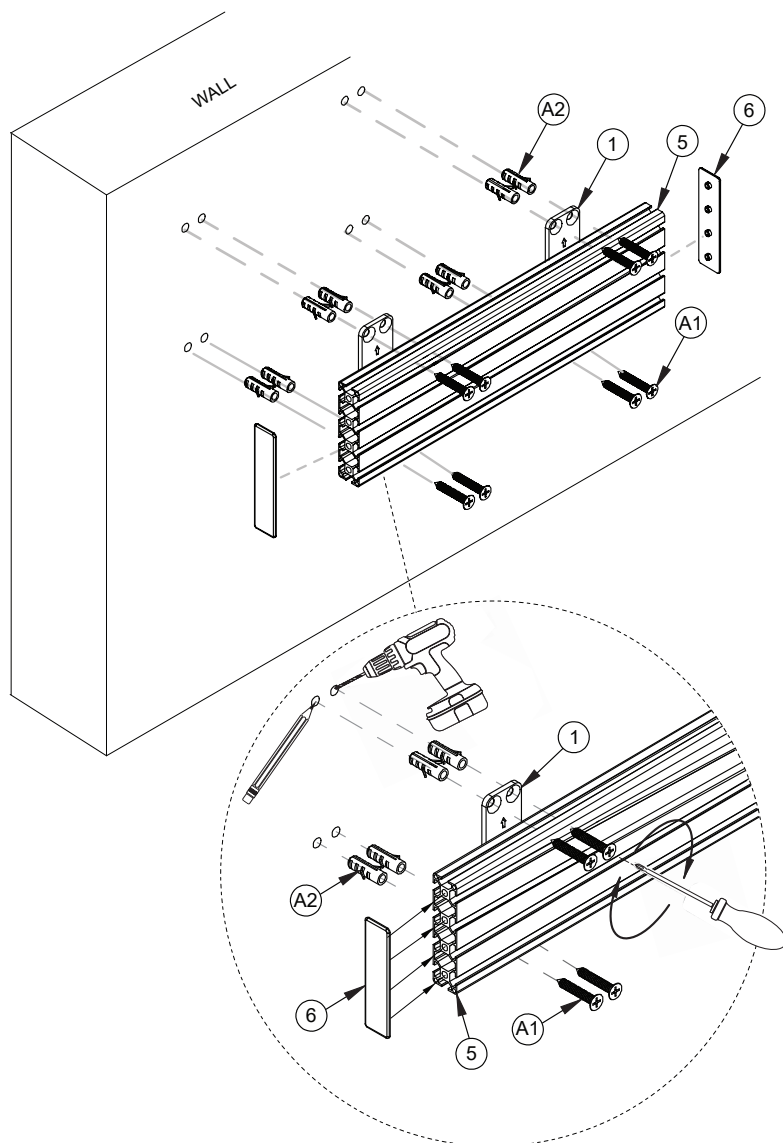
- ii. Fasten both wall fixing plates (part 1) onto the mounting rail (part 5) using the M8 x 12mm screws (part 2) and M8 sliding nuts (part 3).



2. Fix Mounting Rail To The Wall

Fix the wall plates (part 1) to the wall using the wall fixings (part A1 & A2).

Once mounted, attach end caps (part 6) to the mounting rail (part 5).

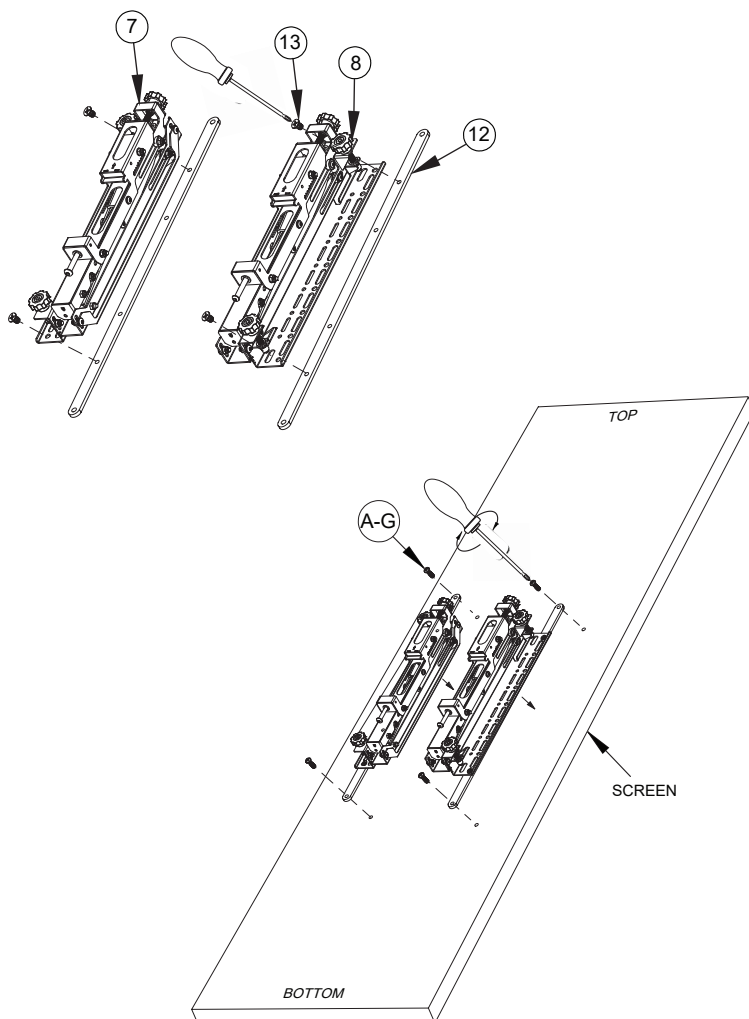


3. Attach Interface Arms to Screen

Attach the interface arms (parts 7 & 8) to the adaptor arms (part 12) using M6 x 12mm screws (part 13).

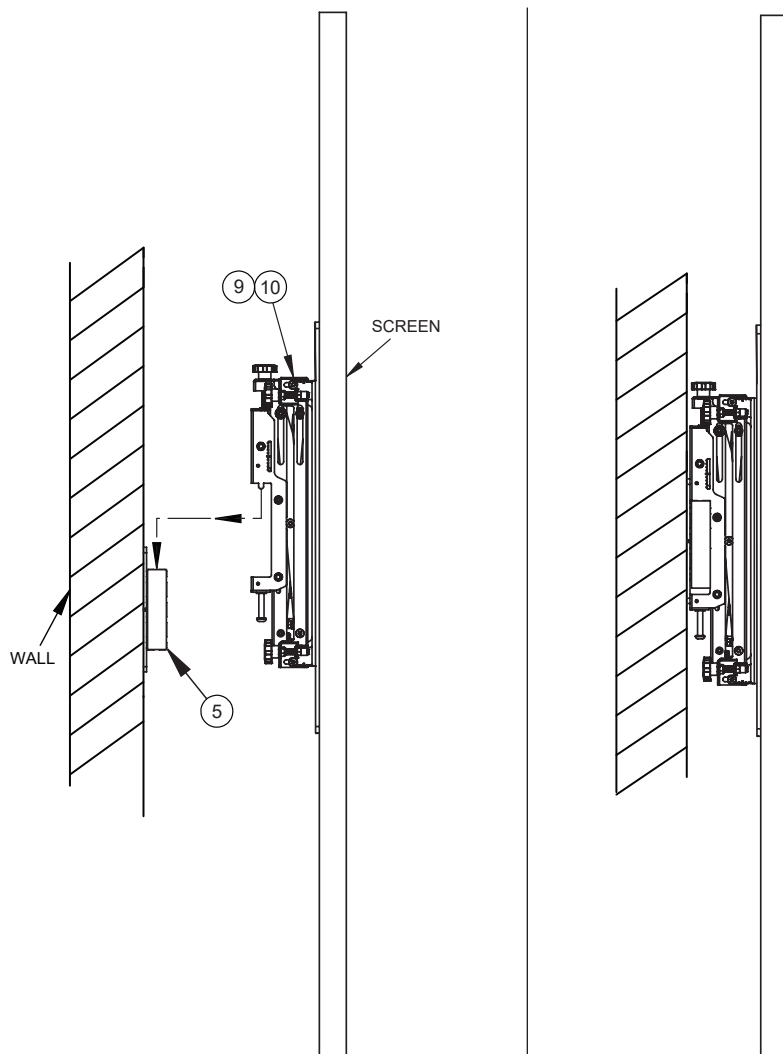
Fix the arms to the back of the screen using the screen fixing kit (parts A-G).

Ensure the arms are positioned the correct way round and the same holes are used on both arms.



4. Mount Screen To Wall

Hook screen onto the mounting rail (part 5).



5. Screen Alignment

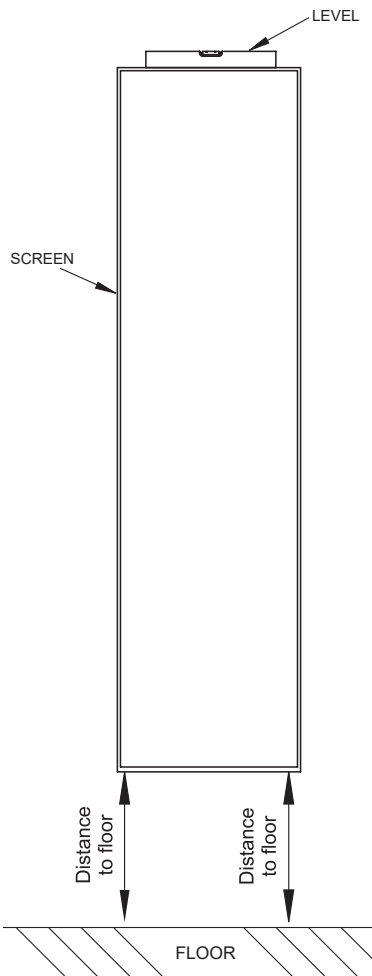
i. Height Adjustment ($\pm 20\text{mm}$)

Ensure the screen is level and parallel to floor using the height adjustment hand wheels on the interface arms.

HEIGHT ADJUSTMENT
HAND WHEEL
Compatible with
a 6mm hex key
(not supplied)

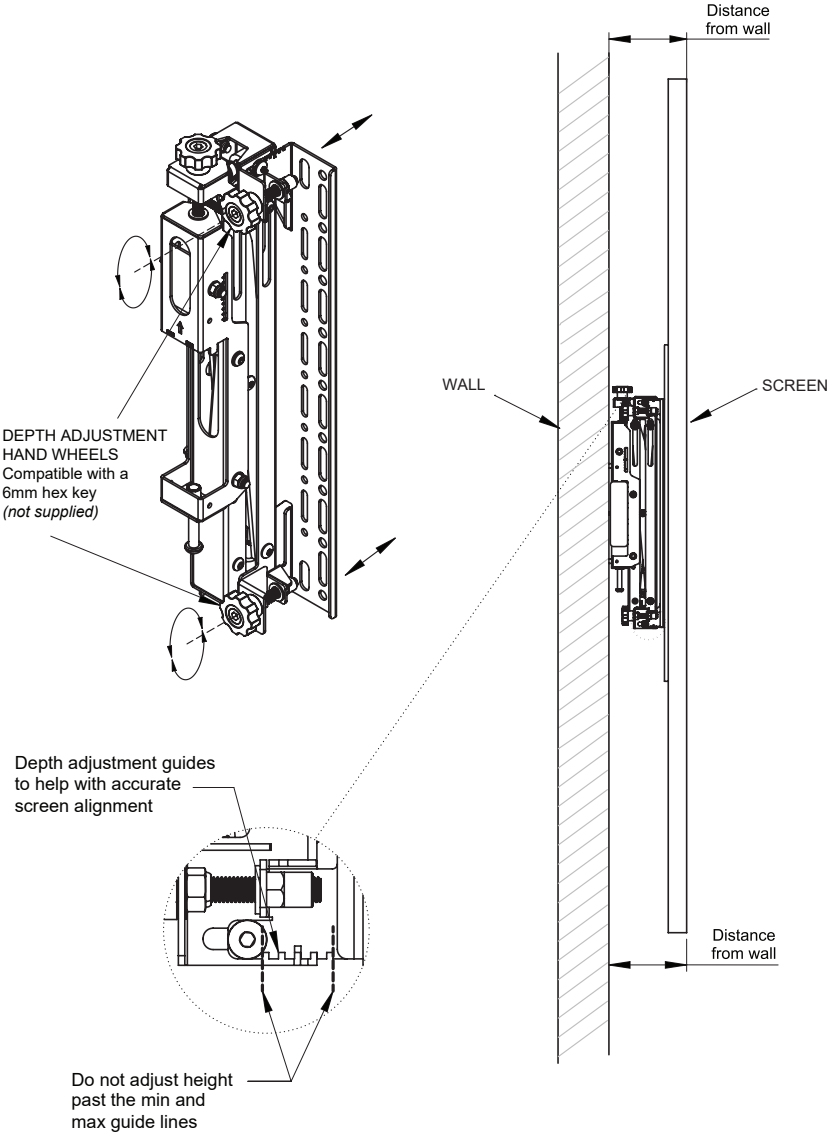
Height adjustment guides
to help with accurate
screen alignment

Do not adjust height
past the min and
max guide lines



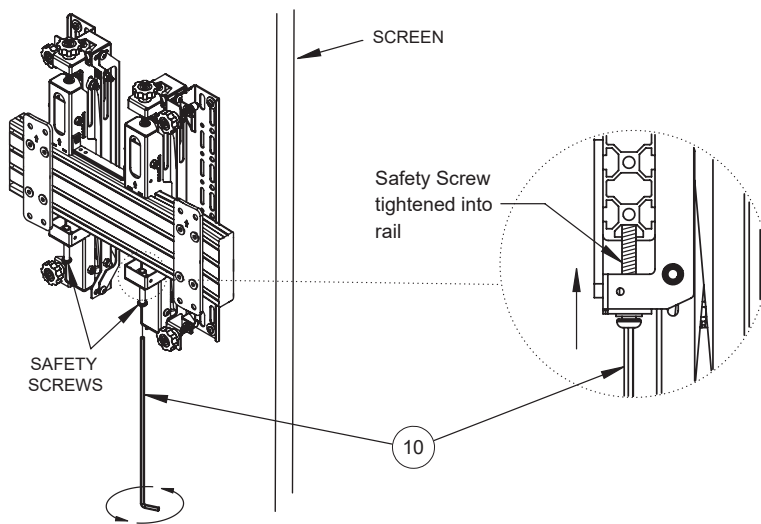
ii. Depth Adjustment ($\pm 10\text{mm}$)

Ensure the screen corners are equidistant from the wall using the depth adjustment hand wheels on the interface arms.



6. Secure Interface Arms To Mounting Rails

Tighten the safety screws on the interface arms (parts 7 & 8) into the mounting rail (part 5).



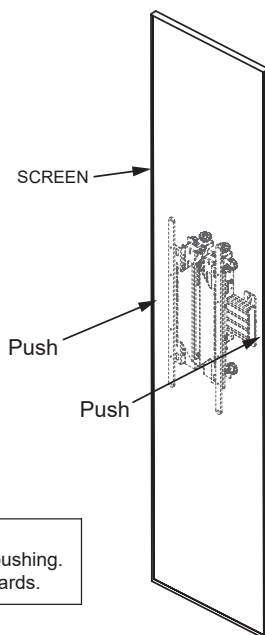
7. Servicing Screen

Note: Ensure pop-out function is not disabled (see Step 9).

Push centrally at the left and right of the screen to pop-out the mount.

The screen will rest in the 'open' position for servicing.

After servicing, push screen back and click into original position.

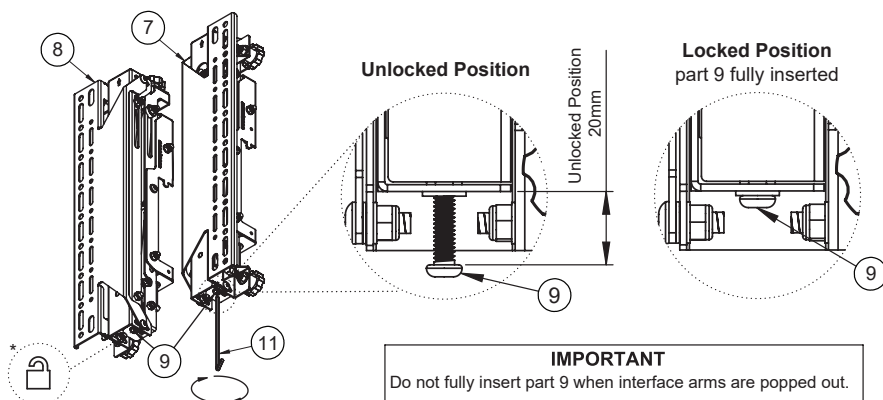


WARNING

Be careful not to damage screen when pushing.
Keep hold of screen as it moves outwards.

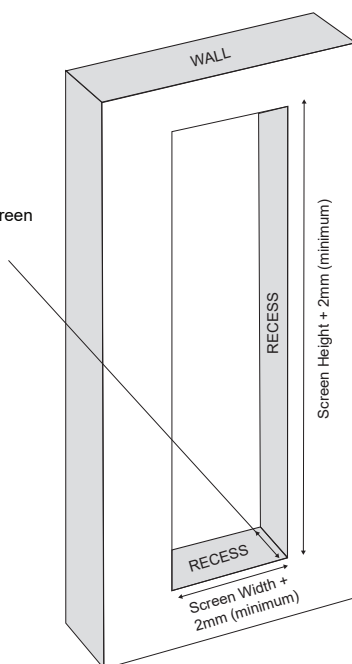
8. Disabling Pop-Out Function (optional)

To prevent interface arms from popping out, fully insert and tighten the M6 x 35mm screws (part 9) at the padlock* symbol at the bottom of the interface arms (parts 7 & 8).



Recess Mounting

Depth of recess = 110mm* + Depth of screen
 * Reduce by 6mm if 600 adaptor arms are not used.

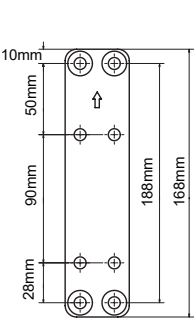


BT9909 Dimensions

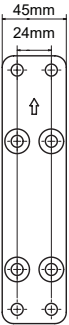
Please keep this for future reference

Rail Fixing Kit

FRONT VIEW



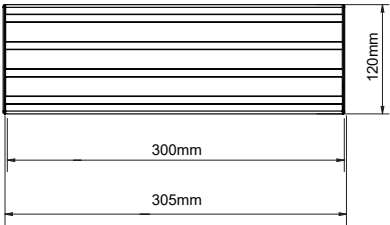
REAR VIEW



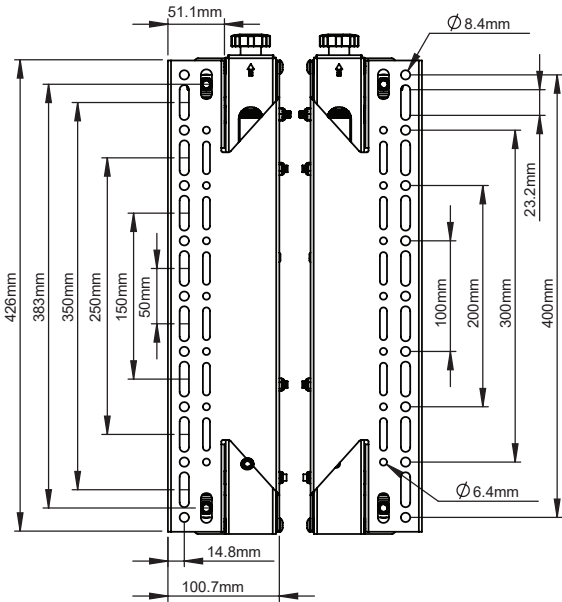
SIDE VIEW



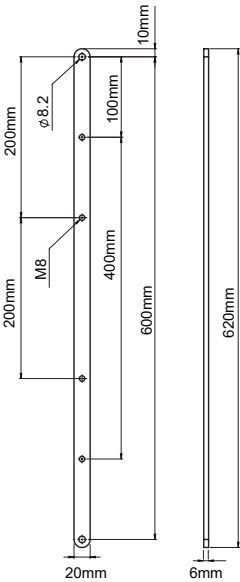
Mounting Rail

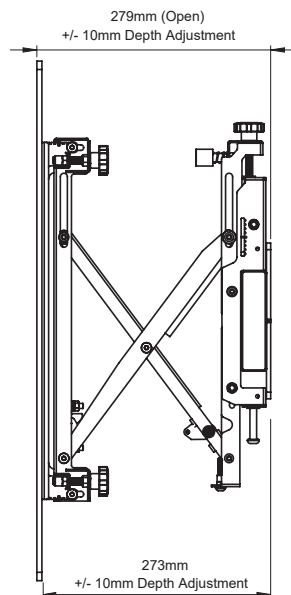
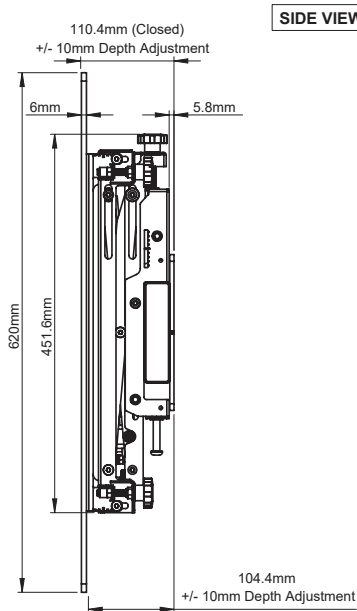
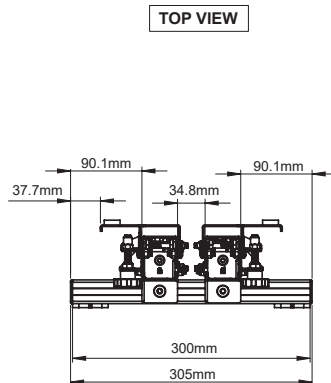
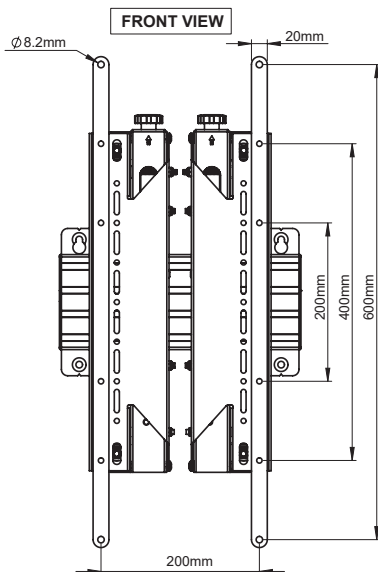


Interface Arms



600mm Adaptor Arm





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Contact: info@btechavmounts.com

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