



# BT8341

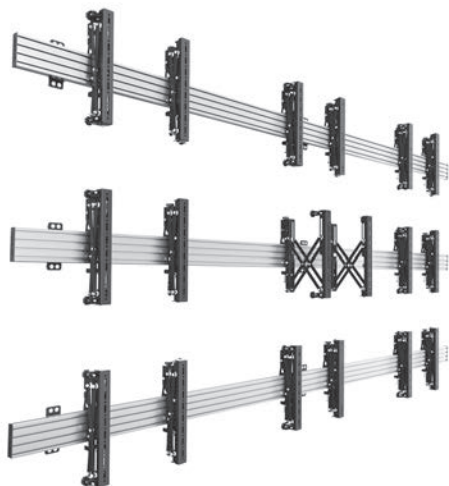
SYSTEM **X**

## UNIVERSAL POP-IN / POP-OUT VIDEO WALL MOUNT

## INSTALLATION GUIDE & PARTS LIST

This Pack Contains 1 Video Wall Mounting System

PLEASE KEEP THIS FOR FUTURE REFERENCE



### FEATURES

- Modular mounting system designed for screens up to 50kg
- Fits screens with VESA® fixings from 200 x 200mm up to 800 x 400mm
- Suitable for landscape or portrait mounting (minimum screen size is 39" when used in landscape orientation)
- Tool-less 8 point micro-adjustments including lateral adjustment for seamless alignment of the screen display
- Height adjustment +/- 10mm
- Depth adjustment +/- 7mm
- Push to open / push to close system provides quick and easy service access
- Safety screws help prevent unauthorised removal of screens
- Includes an optional pop-out prevention mechanism
- Simple hook-on installation with all mounting hardware included

**Note:** Due to the many variations available of the BT8341, configurations may differ from the ones shown in the installation manual



PER SCREEN



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### INSTALLATION TOOLS REQUIRED

Crosshead  
screwdriver



Drill



10mm (7/16")  
masonry bit or  
6mm (1/4") wood bit



Pencil



Level



Stud finder  
(optional)



**B-TECH AUDIO VIDEO MOUNTS**

[www.btechavmounts.com](http://www.btechavmounts.com)

# INSTALLATION SAFETY INSTRUCTIONS



**CAUTION:** This mount is intended for use only with the maximum weights indicated. Use with flat screens 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 International Design and Manufacturing Limited, 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 International Design and Manufacturing Limited 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 wall prior to installation as some walls 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. If you install this product on drywall it must be securely fixed to a wooden stud, concrete block or other permanent structure behind the drywall board. Installing on drywall boards alone will not support the weight of most AV equipment. When drilling holes in walls 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 wall 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. 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.

## **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 installations 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 to ensure that safety is maintained. If in doubt consult a professional AV installer or other suitably qualified person.

## CS

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## DE

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## ES

B-Tech International Design And Manufacturing Ltd. recomienda que un instalador de audio y video profesional u otra persona debidamente cualificada instalen este producto. B-Tech International Design And Manufacturing Ltd, 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 International Design And Manufacturing Ltd. recommande de confier l'installation de ce produit à un installateur AV professionnel ou à une autre personne dûment qualifiée. B-Tech International Design And Manufacturing Ltd, 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.

## IT

B-Tech International Design And Manufacturing Ltd. consiglia di affidare l'installazione di questo prodotto a un installatore specializzato o ad altra persona adeguatamente qualificata. B-Tech International Design And Manufacturing Ltd. i suoi distributori e rivenditori non accettano alcuna responsabilità nei riguardi di eventuali danni o infortuni causati da un'errata installazione. Questo prodotto deve essere fissato a una struttura idonea e utilizzato unicamente sino al peso massimo indicato.

## NL

B-Tech International Design And Manufacturing Ltd. adviseert om dit product te laten installeren door een professionele AV-installateur of andere hiervoor gekwalificeerde persoon. B-Tech International Design And Manufacturing Ltd, 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 International Design And Manufacturing Ltd. zaleca, aby ten produkt był instalowany przez profesjonalnych instalatorów AV lub inny odpowiednio przeszkolony personel. Firma B-Tech International Design And Manufacturing Ltd, jej dystrybutorzy i dealerzy nie ponoszą odpowiedzialności za uszkodzenia lub obrażenia ciała powstałe w wyniku nieprawidłowej instalacji. Niniejszy produkt musi być zamontowany na odpowiedniej powierzchni, a podczas u. ytkowania nie wolno przekraczać podanego maksymalnego obciążenia.

## PT

A B-Tech International Design And Manufacturing Ltd. 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 International Design And Manufacturing Ltd. 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.

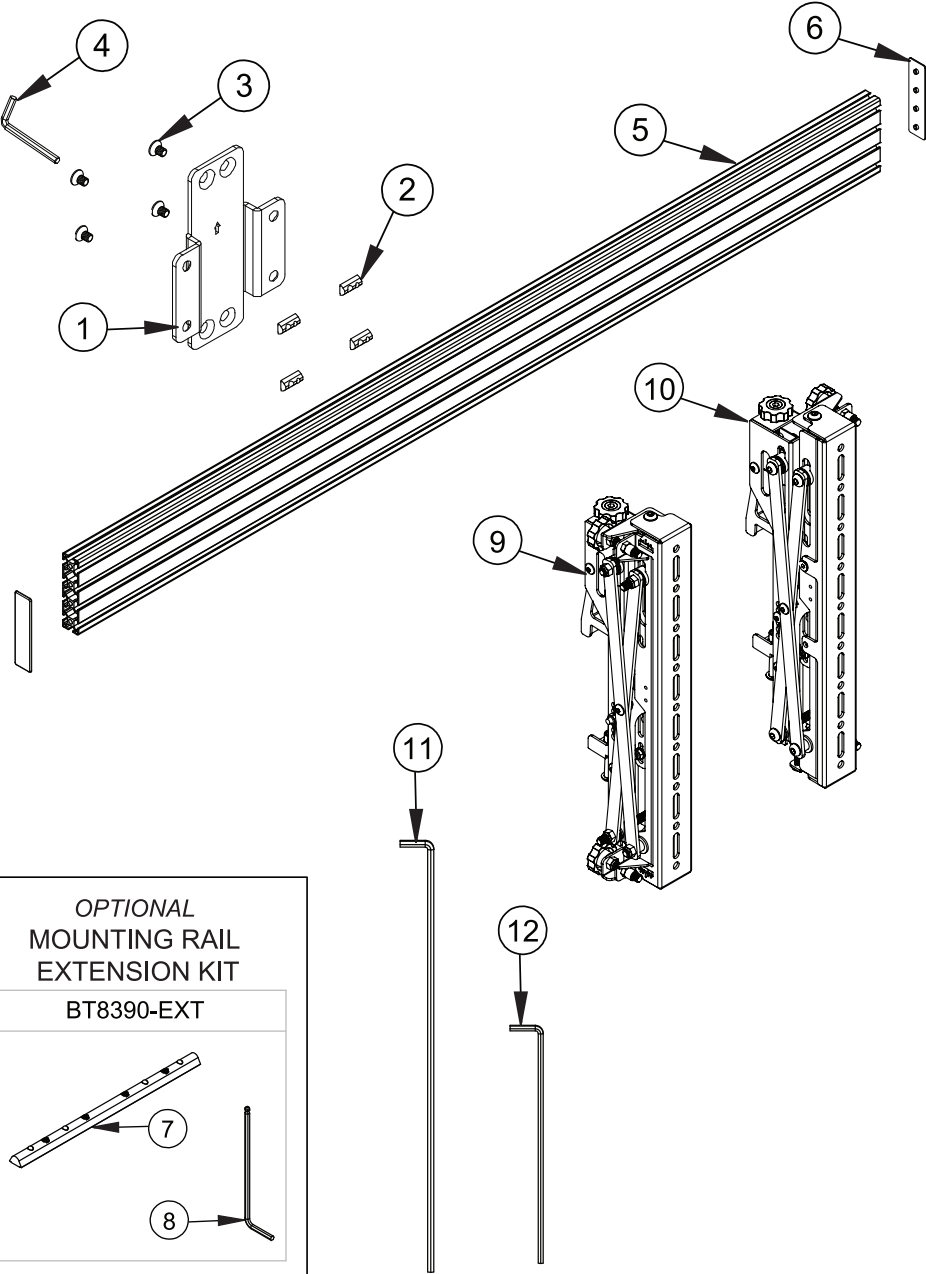
## RU

Компания B-Tech International Design And Manufacturing Ltd. рекомендует, чтобы установка данного изделия производилась инженером по установке аудио-видеотехники или другим специалистом с соответствующей квалификацией. Компания B-Tech International Design And Manufacturing Ltd. ее дистрибьюторы и дилеры не несут ответственности за повреждения или травмы, полученные в результате неправильной установки. Данное изделие должно

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، موز عليها والتجار ليست عرضة أو مسؤولة عن الأضرار أو الإصابات الناجمة عن تركيب غير سليم، والاستخدام غير السليم أو عدم مراعاة هذه التعليمات للسلامة. يجب أن يتم تركيب هذا المنتج في بنية مناسبة ويجب استخدام فقط لدعم الحد الأقصى للوزن المشار إليه.

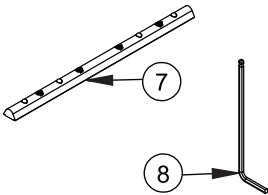
**BT8341**  
**PARTS LIST**

Due to the multiple configurations available the quantity for each item below is dependent on the mount ordered.

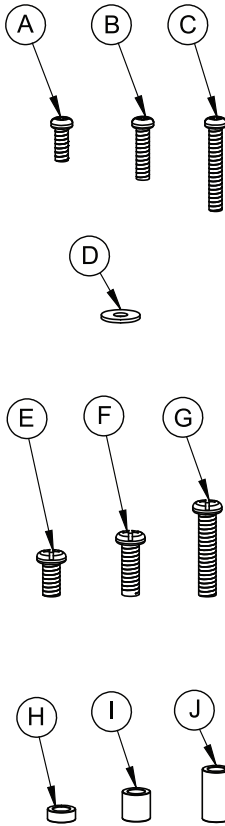


**OPTIONAL**  
**MOUNTING RAIL**  
**EXTENSION KIT**

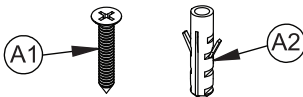
**BT8390-EXT**



### Screen Interface Kit



### Wall Fixing Kit



### WALL FIXING KIT

REF	PART NAME	QTY PER PACK
1	WALL PLATE	1
2	M8 SLIDING NUT	4
3	M8 x 12mm CSK SCREW	4
4	5AF HEX KEY	1

### MOUNTING RAIL

REF	PART NAME	QTY PER PACK
5	MOUNTING RAIL	1
6	END CAP	2

### EXTENSION KIT (OPTIONAL)

REF	PART NAME	QTY PER PACK
7	JOINING BAR	6
8	3AF HEX KEY	1

### INTERFACE KIT

REF	PART NAME	QTY PER PACK
9	LEFT INTERFACE ARM	1
10	RIGHT INTERFACE ARM	1
11	4AF HEX KEY	1
12	5AF LONG HEX KEY	1

REF	SCREEN FIXING KIT	QTY PER PACK
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

REF	PART NAME	QTY PER PACK
A1	ST8 x 45mm CSK WOOD SCREW	4
A2	No.10 WALL PLUG	4

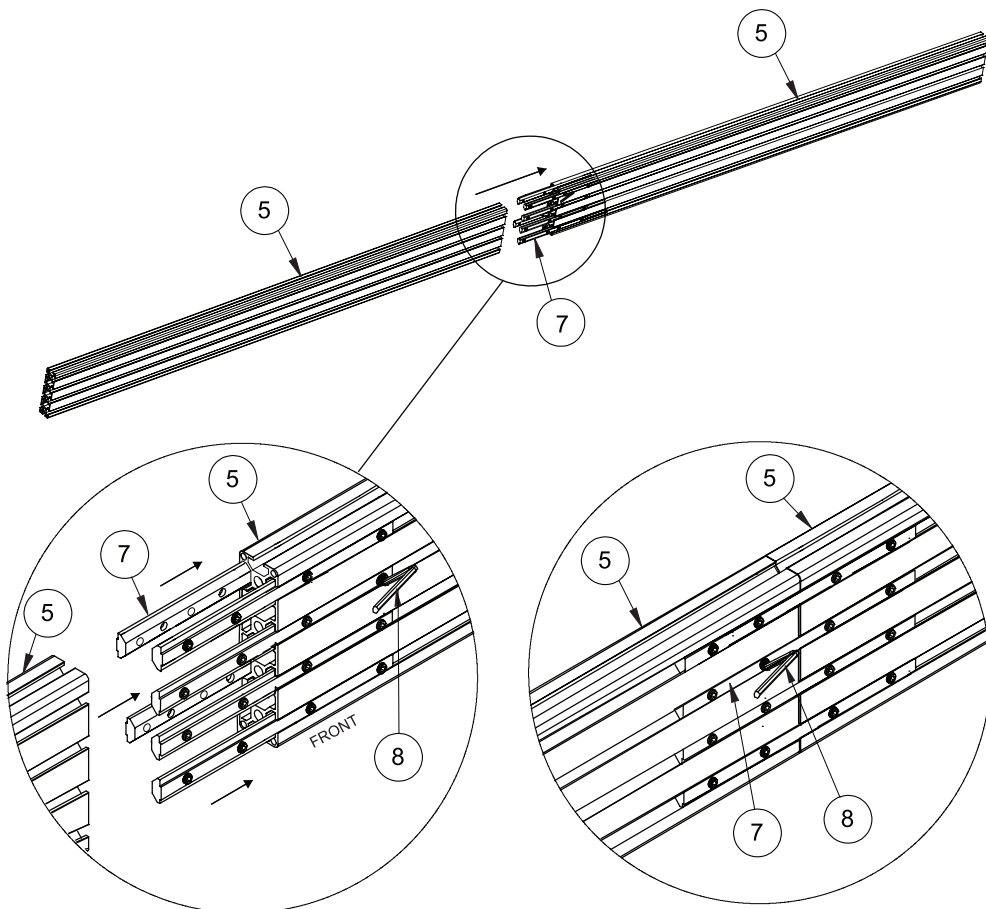
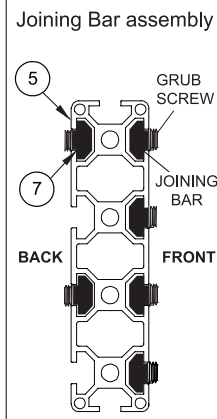
Due to the multiple installations available the total quantity for each part is dependent on the mount ordered.

## EXTENDING THE MOUNTING RAIL

To extend the length of the Menu Board, use a BT8390-EXT to combine mounting rails

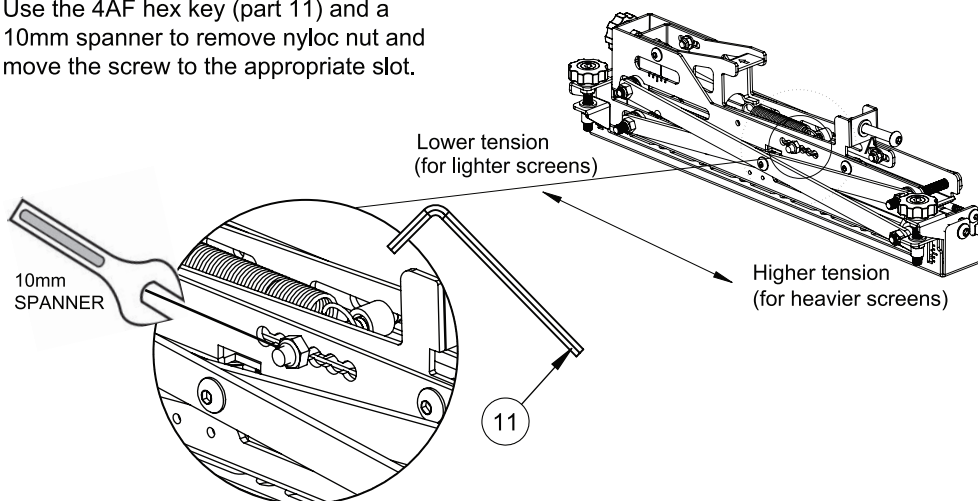
### **Optional: Combining Mounting Rails using the BT8390-EXT**

- i. On the intended front facing side of the mounting rail (part 5) insert 4 x joining bars (part 7) half-way into each slot.
- ii. On the back side of the rail insert 1 x joining bar in the top slot and 1 x joining bar in the third slot on the mounting rail.
- iii. Slide another mounting rail (part 5) onto the joining bars and tighten all the grub screws, combining the rails securely.



## SPRING TENSION ADJUSTMENT (OPTIONAL)

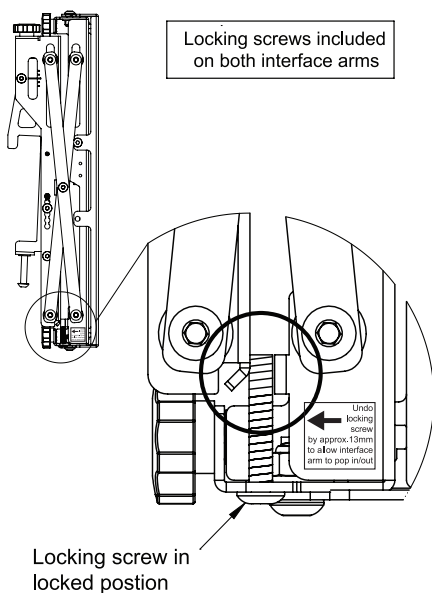
Use the 4AF hex key (part 11) and a 10mm spanner to remove nyloc nut and move the screw to the appropriate slot.



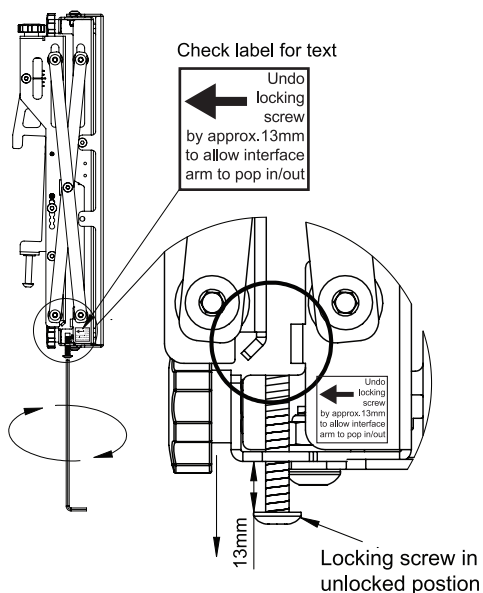
## INSTALLATION NOTES

Unlocking interface arms (parts 9 & 10) to allow pop-out function.

### Locked position



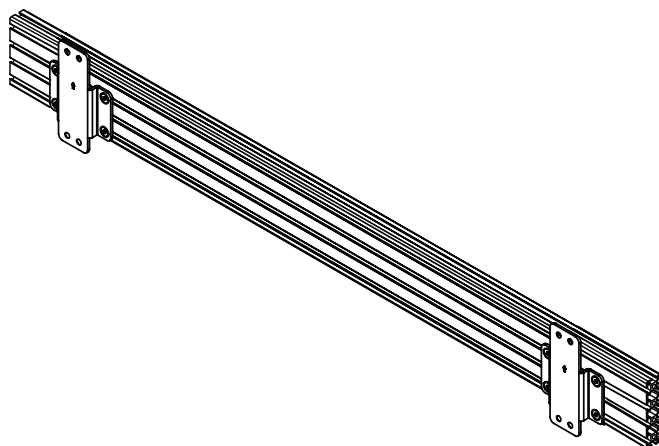
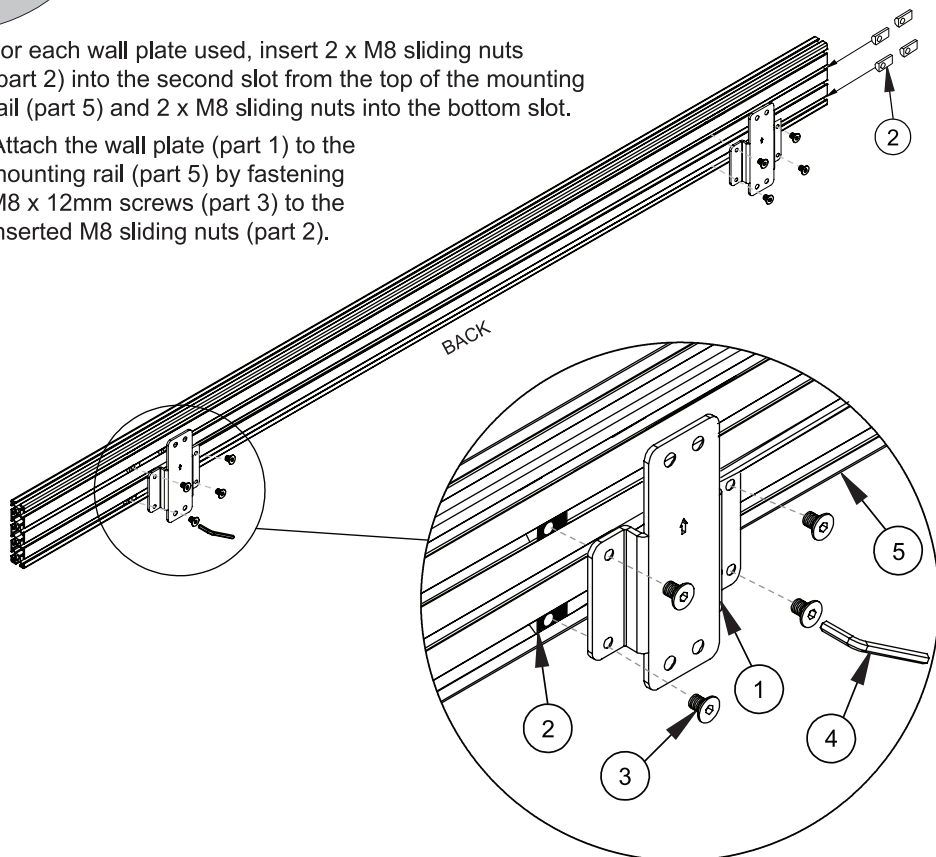
### Unlocked position



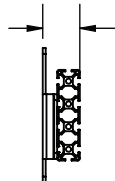
# INSTALLATION INSTRUCTIONS

## 1 Attach wall plate to mounting rail

- i. For each wall plate used, insert 2 x M8 sliding nuts (part 2) into the second slot from the top of the mounting rail (part 5) and 2 x M8 sliding nuts into the bottom slot.
- ii. Attach the wall plate (part 1) to the mounting rail (part 5) by fastening M8 x 12mm screws (part 3) to the inserted M8 sliding nuts (part 2).



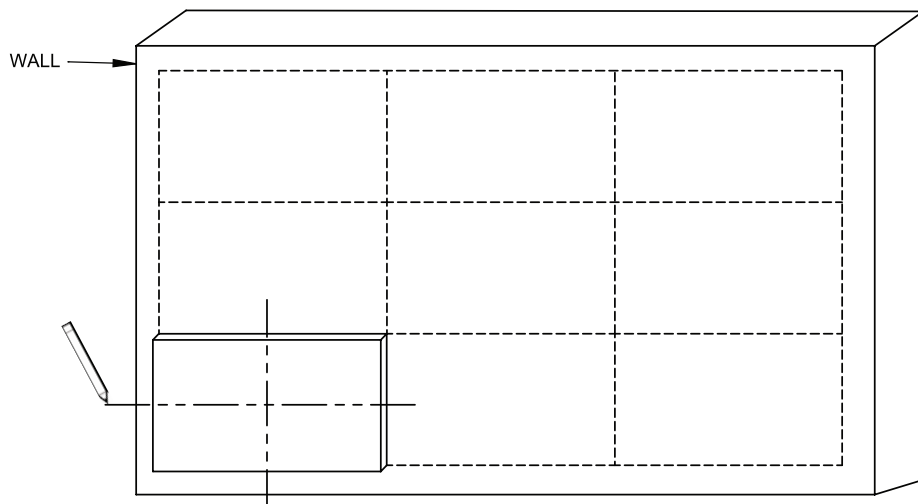
Depth  
49mm



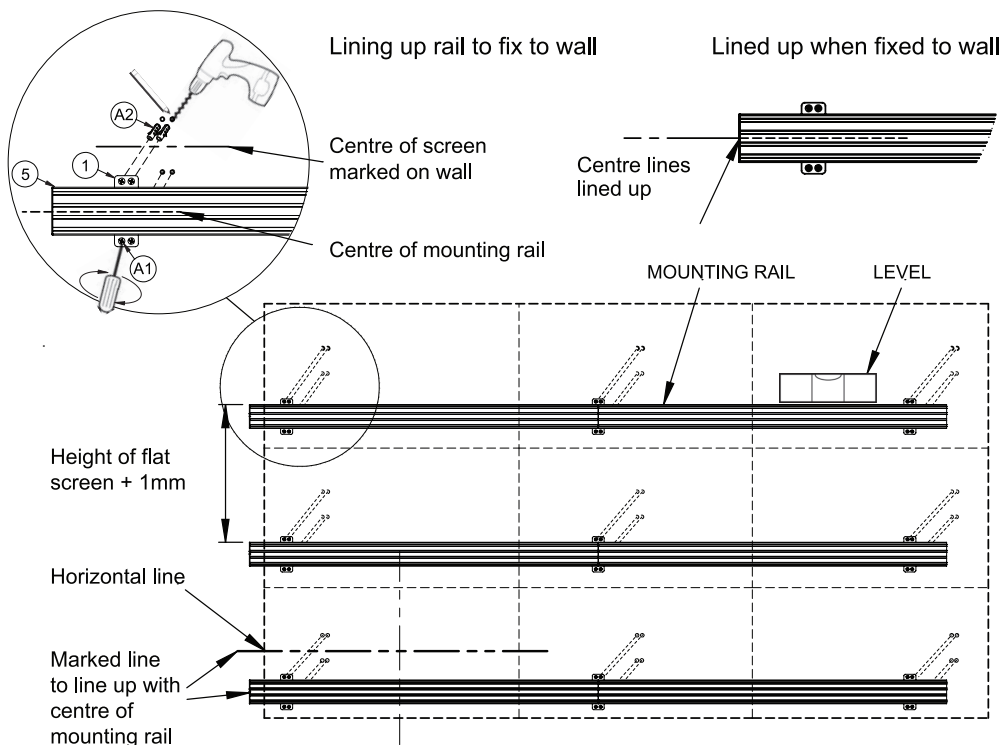


## Installing the mount

- i) Determine the centre of the first flat screen at the bottom left.  
Mark the centre, for the centre of the rail.



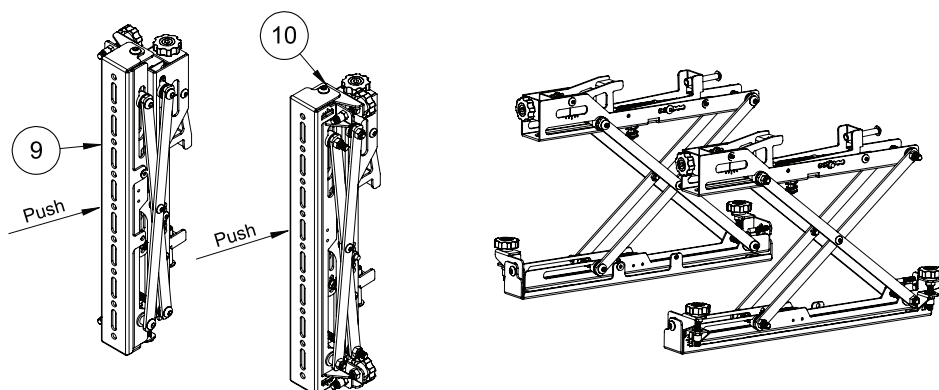
- ii) Fix the rail to the wall (use horizontal line as a guide) using the wall fixing kit.



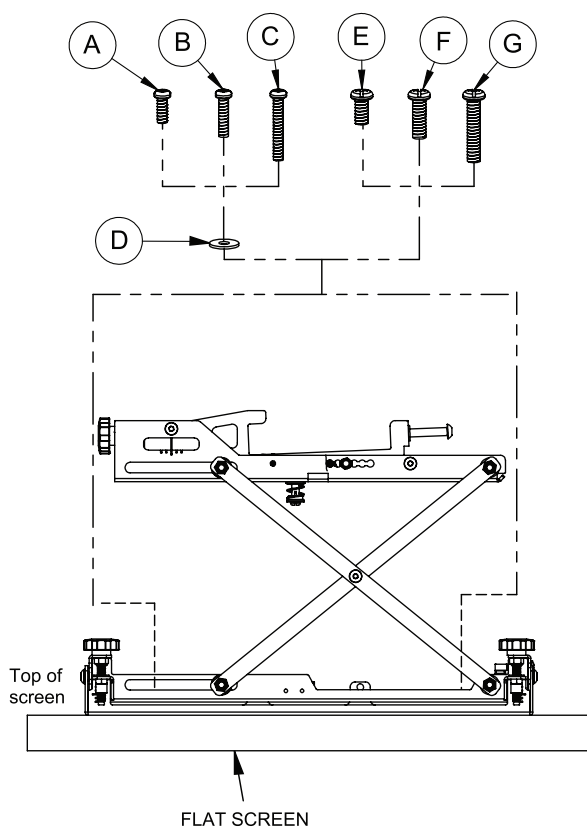
## Attach interface arms to screens

- i) Pop out the interface arms. Push in on both interface arms (parts 9 & 10) to pop out into open position.

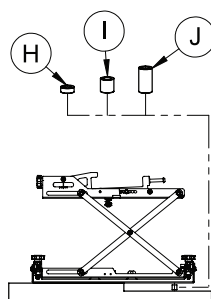
*Ensure locking screw is in the unlocked position on both interface arms (see page 7).*



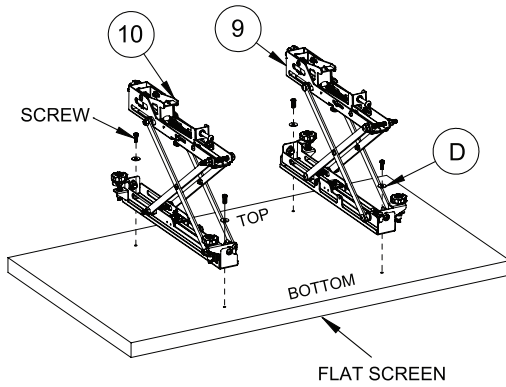
- ii) Fix interface arms to screen.



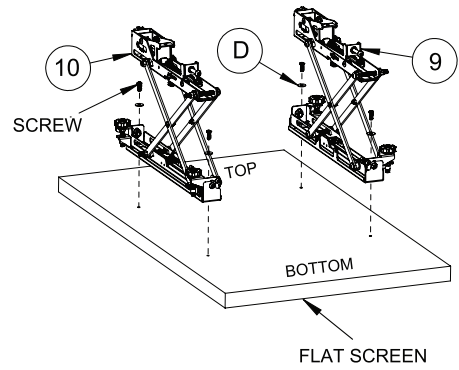
Use spacers  
for screens with  
recessed fixings.



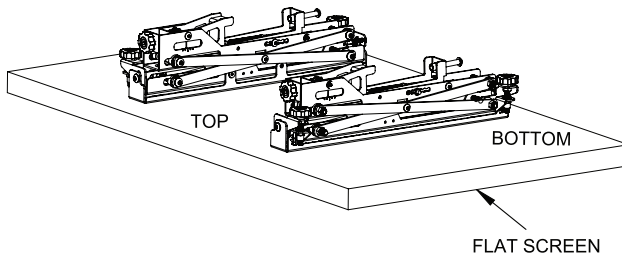
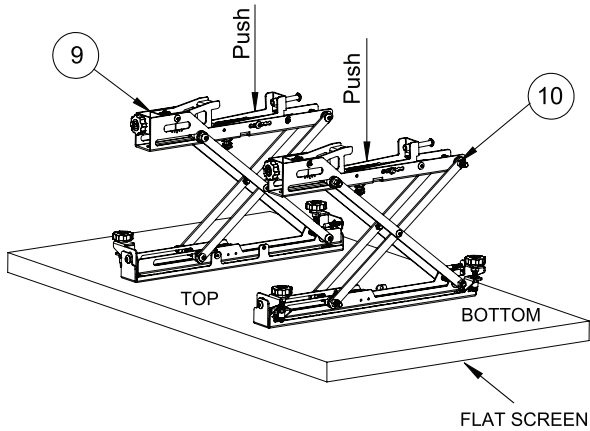
### Landscape Orientation



### Portrait Orientation



iii) Close the interface arms.

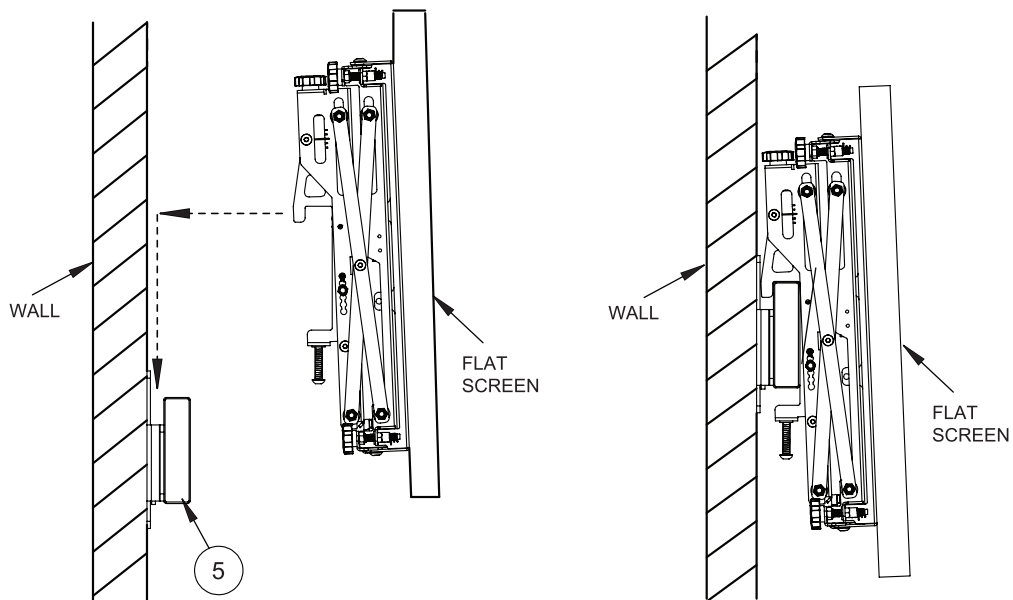


Repeat step for all screens

4

### Hook screen onto rail

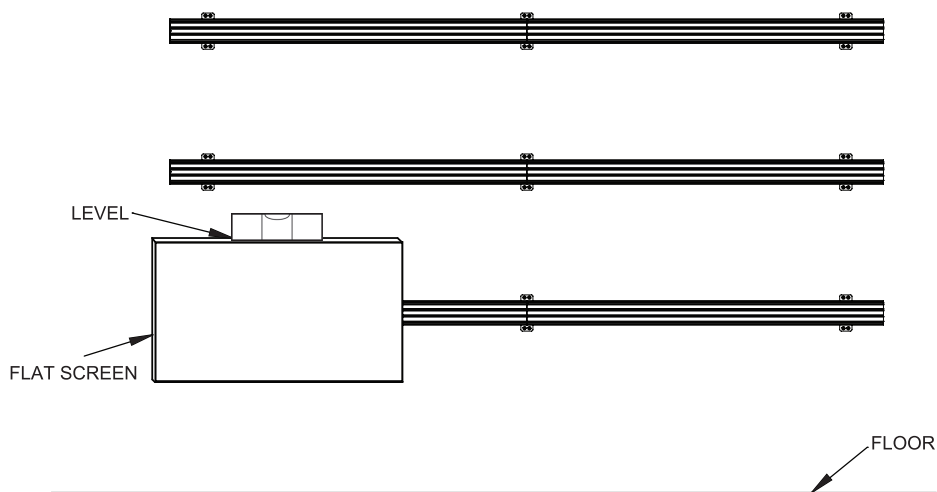
Hook flat screen onto the mounting rail (part 5).  
Start at the bottom left screen position.



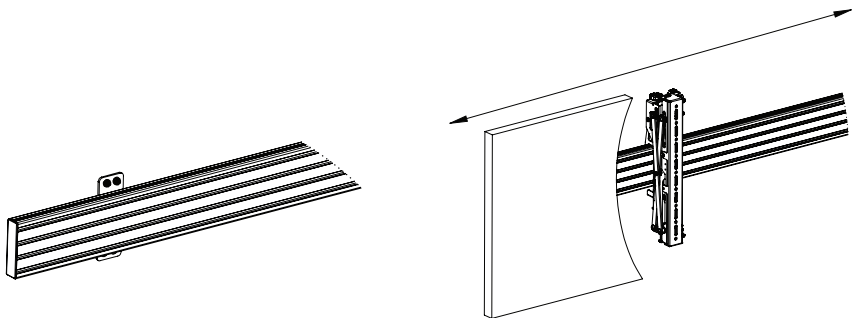
5

### Flat screen alignment

Check the horizontal centre of the flat screen is aligned with the horizontal centre of the rail.

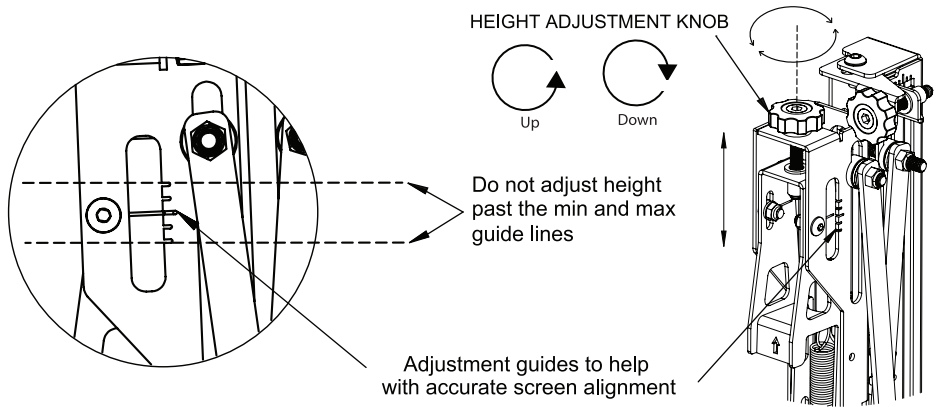


Slide arms along the rail to laterally adjust.



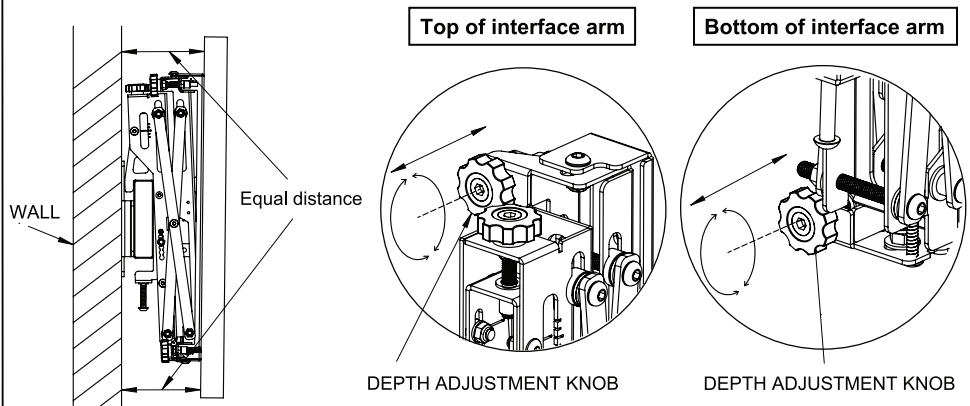
Using a level, align the flat screen parallel to the floor using the height adjustment knobs.

Height adjustment +/-10mm



Use the depth adjustment knobs to ensure that each corner of the flat screen is equidistant from the wall.

Depth adjustment +/- 7mm



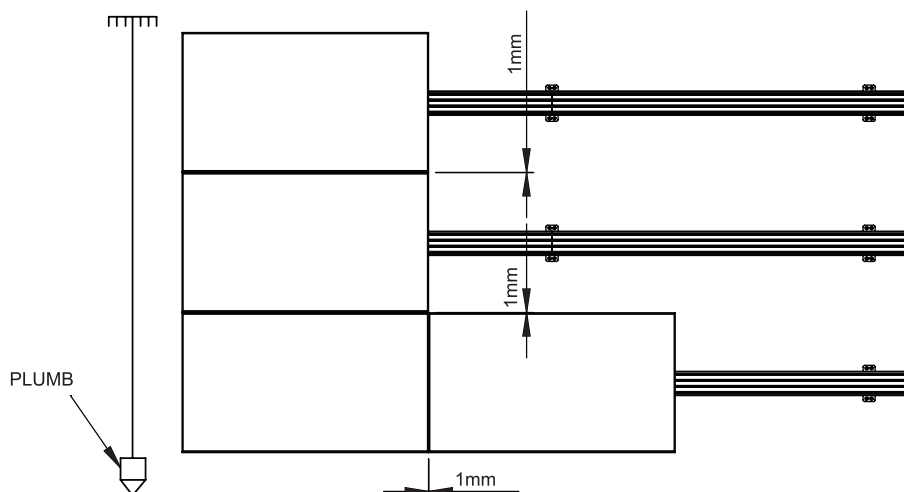
6

### Mount remaining screens

Use a plumb to align the first column of flat screens and leave at least 1mm gap between them.

Hook on the remaining flat screens leaving at least 1mm between them.

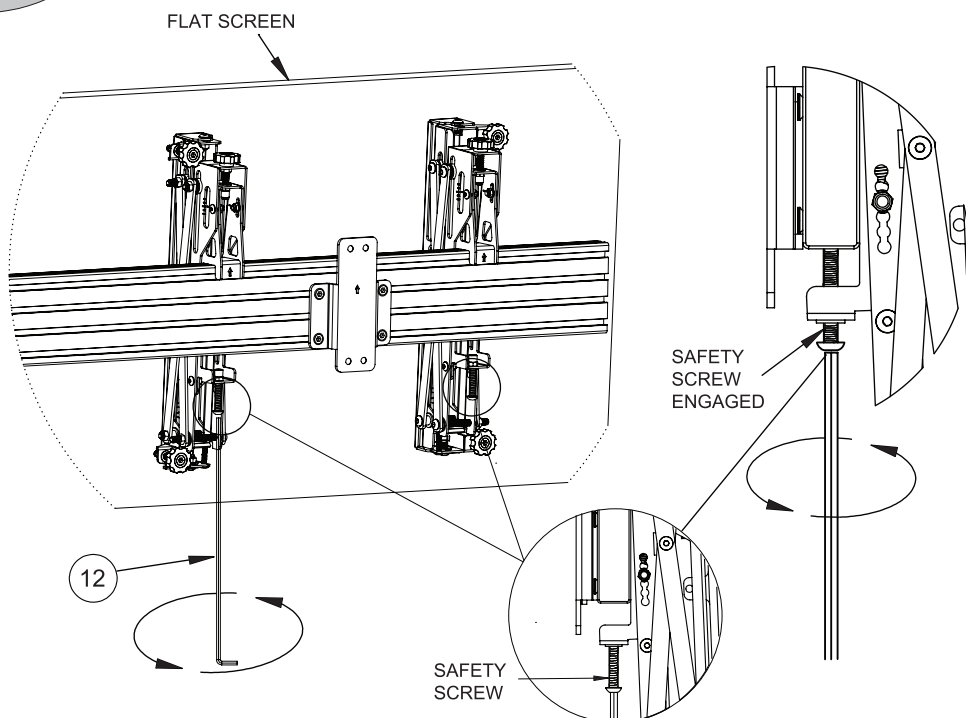
Use the height adjustment knobs and lateral movement to align screens.



7

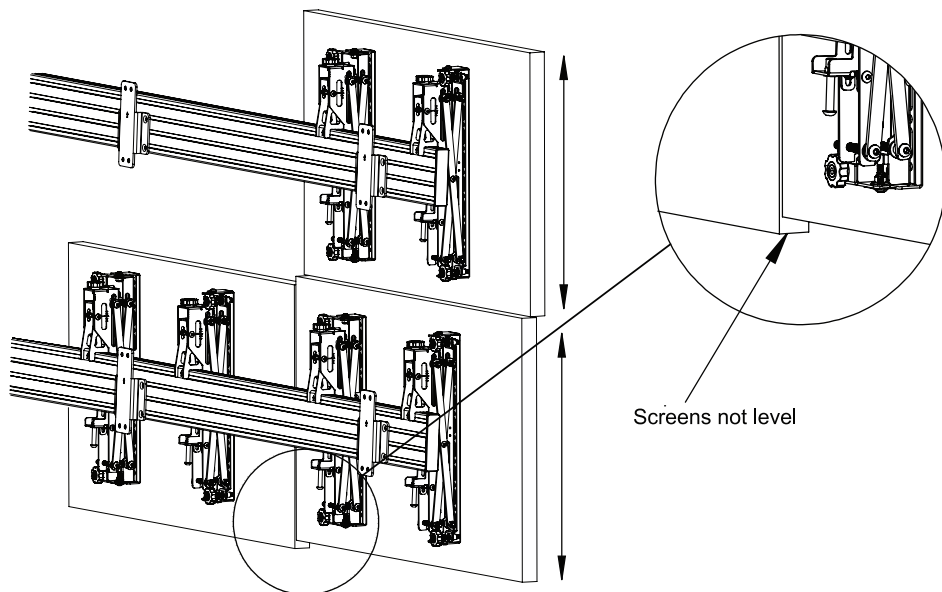
### Secure screens to rail

Secure interface arms to the rail using the safety screws on the interface arms.



## Screen levelling height adjustment

Use height adjustment knobs to level screens.



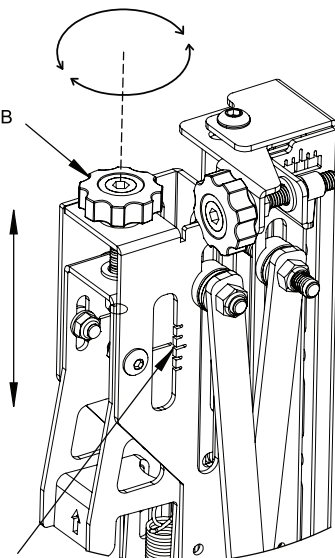
**Note:** Height adjustment knobs are also compatible with a 6mm allen key (not supplied)

HEIGHT ADJUSTMENT KNOB



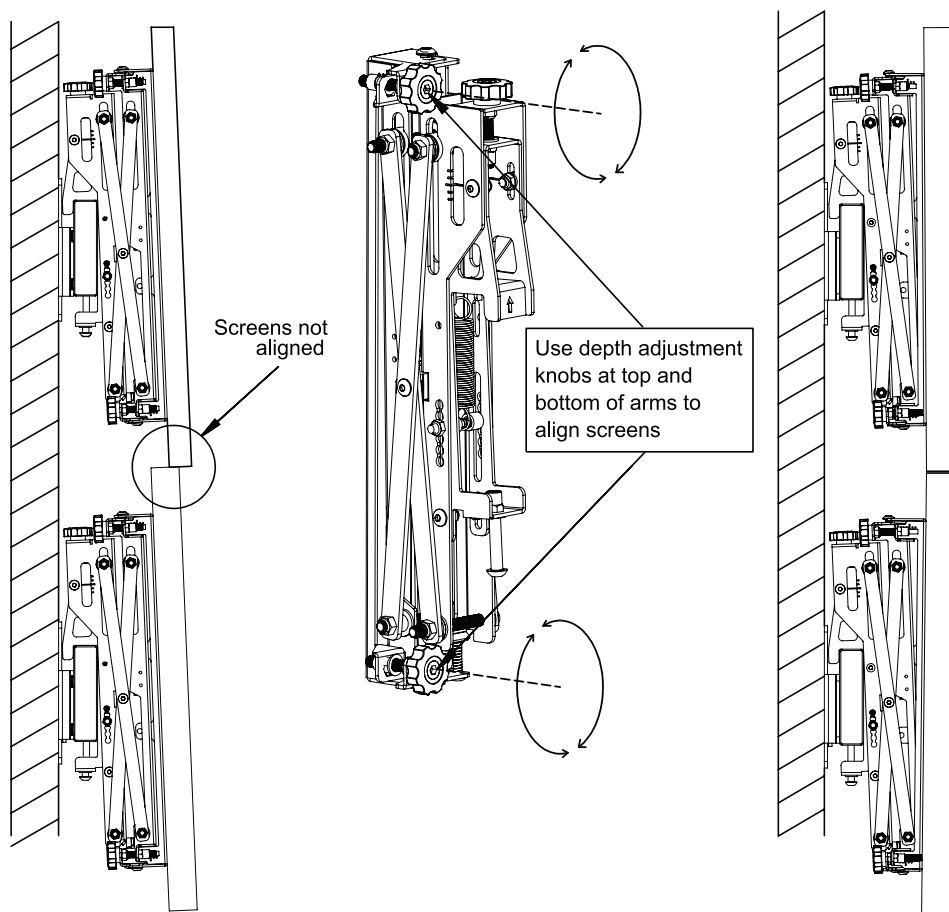
Do not adjust height past the min and max guide lines

Adjustment guides to help with accurate screen alignment

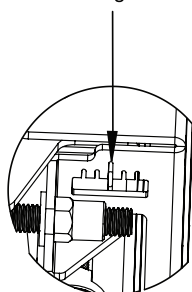


## Screen depth adjustment

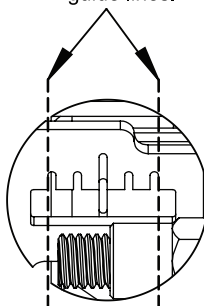
Use the depth adjustment knobs to ensure that each corner of the flat screen is equidistant from the wall.



Depth adjustment guides to help with accurate screen alignment.



Do not adjust depth past the min and max guide lines.



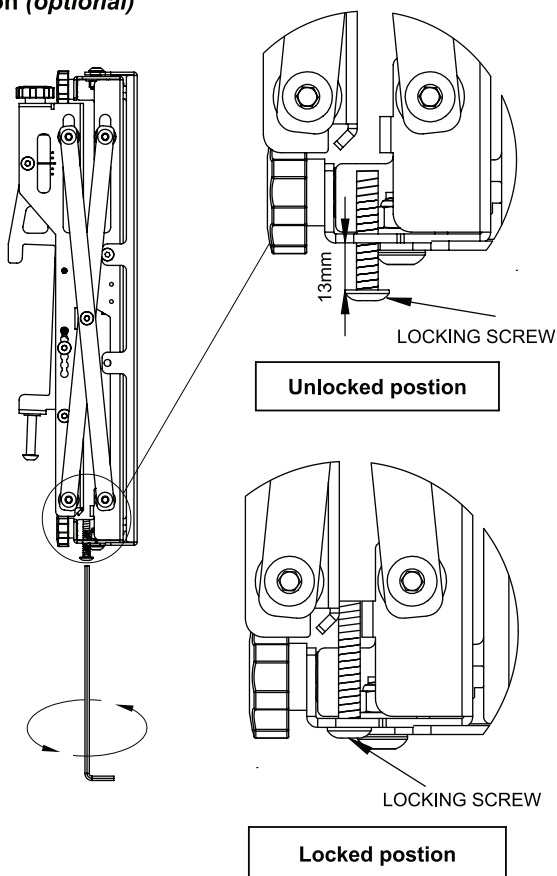


To prevent the mount from being able to pop-out, tighten the locking screw at the bottom of both the interface arms (parts 9 & 10).

**Note:** The pop-out prevention locking screws must be wound in fully when the interface arms are closed to prevent them from popping out.

**Important:** Do not insert the locking screws into the locked position when the interface arms are popped out.

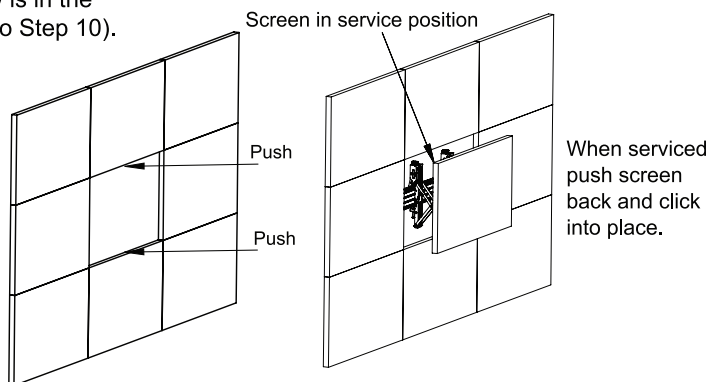
Locking screw on both arms



### Servicing the flat screen

Ensure the locking screw is in the unlocked position (refer to Step 10).

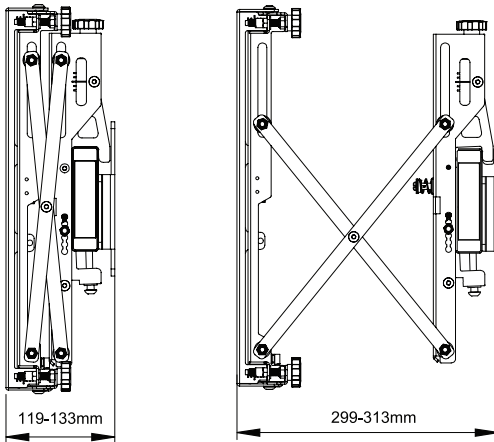
Push central at the top and bottom of the screen on the bezel to release the screen.



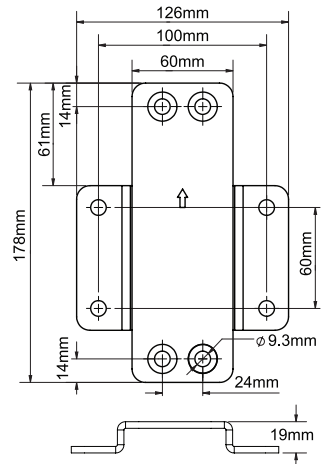
**Important:** Be careful not to damage the screen when pushing. Keep hold of the screen as it moves outwards.

# PRODUCT DIMENSIONS

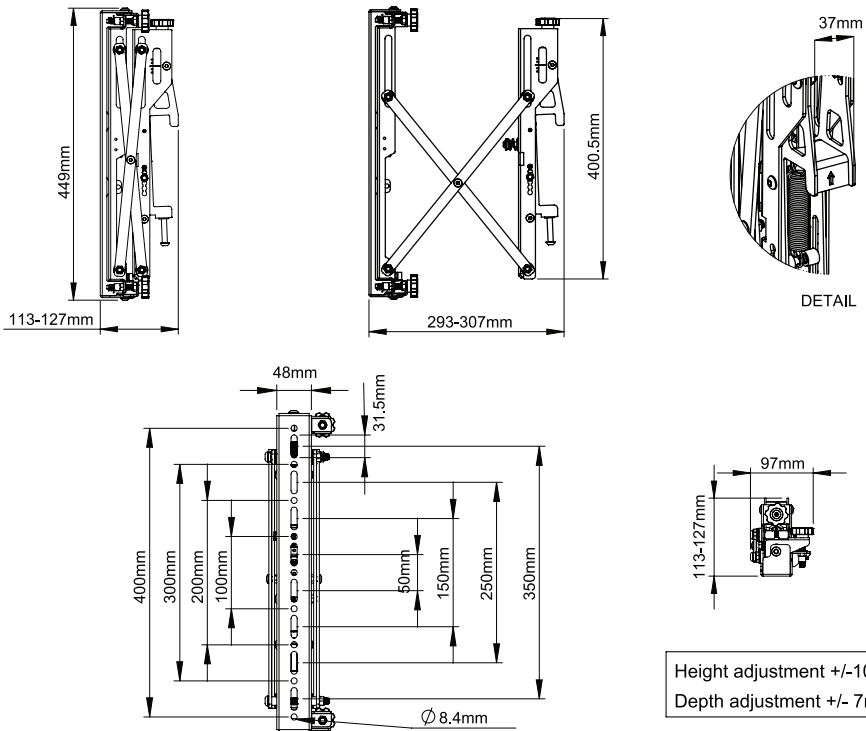
## WALL MOUNTED



## WALL PLATE



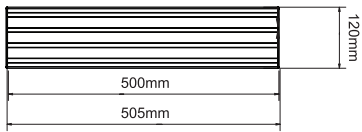
## INTERFACE ARM



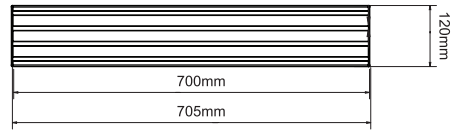
THESE INSTRUCTIONS ARE INTENDED AS A GUIDE ONLY AND 8-TECH ACCEPTS NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED IN THIS DOCUMENT.

## PRODUCT DIMENSIONS MOUNTING RAILS

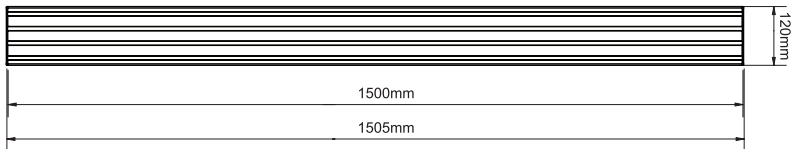
**BT8390-050**



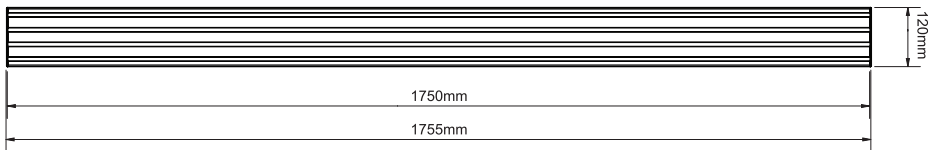
**BT8390-070**



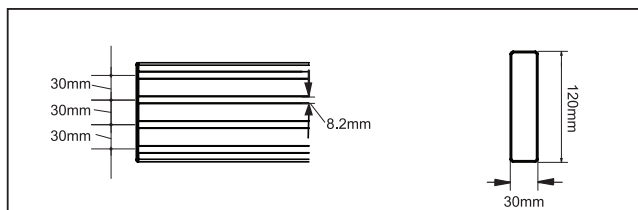
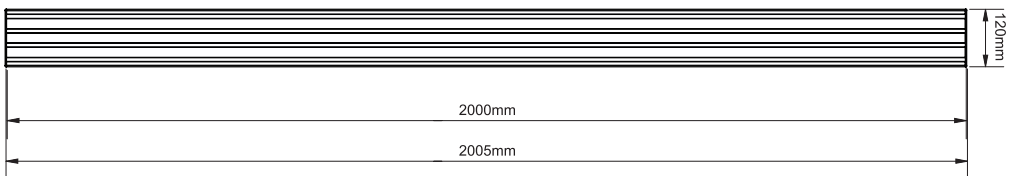
**BT8390-150**



**BT8390-175**



**BT8390-200**





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