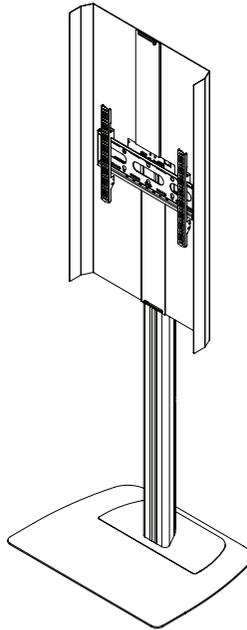**B Tech** ®
AV Mounts

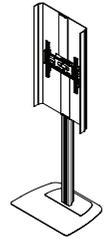# Digital Signage Stand with Cover

Installation Guide

- Floor stand with display enclosure designed to portrait mount 55" screens

- Max load: 25kg (55lbs)

- Stand Dimensions: **H.**1842 - 2301mm (72.5" - 90.6")
  W.653 - 739mm (25.7"-29.1") **D.**600mm (23.6")

- VESA® & non-VESA fixings up to 400 x 400mm

- Removable 2-piece rear cover for easy maintenance and installation

- Intergrated cable management

Recommended Max Screen	Max Load	Max VESA	Post Install Alignment
55" 140cm	25kg [55lbs]	400 x 400	

Contents

Pg

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 floor prior to installation as some surfaces are not suitable for installation. When verifying the stability of the structure, consider the following external factors: The strength of the floor, exposure to sudden and severe wind and danger arising from contact with people and / or objects (e.g. installations in passageways, emergency exits). 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.

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.

B Tech AV Mounts

CN   B-Tech AV Mounts 建议本产品由专业AV安装人员或其他合格人员安装。 B-Tech AV Mounts 及它的代理商、经销商不对由于不恰当的安装而造成的损失或伤害负责。 本产品必须安装在合适的架构上，并仅用于不超过所标示的最大承重。

CS   Společnost B-Tech AV Mounts doporučuje provést instalaci tohoto produktu instalátora AV či jinak způsobilé osoby. Společnost B-Tech AV Mounts, její distributoři a prodejci nenesou prostřednictvím odborného odpov ědnost za škody nebo zranění zp ůsobená nevhodnou instalací. Tento výrobek je nutno umístit do vhodné konstrukce a používat jen po uvedenou maximální výšku.

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 autrepersonne 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.

IT   B-Tech AV Mounts consiglia di affidare l'installazione di questo prodotto a un installatore specializzato o ad altra personaadeguatamente qualificata. B-Tech AV Mounts, 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.

JP   B-Tech AV Mounts はAV設置の専門家または適合した知識を備えた人が製品を設置することを推奨します。 B-Tech AV Mounts と販売店、取引先はこうした安全指針に従わない場合に随伴される製品の損傷や傷害に対する責任を負いません。 場合によって製品が設置されるに適していないところもあるので設置位置に特別な注意を傾けてください。この製品の位置に注意を傾けて設置に適していない壁がいるかを確認してください。 指定した重さ制限を超過するAV装備を装着しないでください。

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 상해에 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 dealerzy nie ponoszą odpowiedzialności za uszkodzenia lub obrażenia ciała powstałe w wyniku nieprawidowej 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.

RU   Компания B-Tech AV Mounts рекомендует, чтобы установка данного изделия производилась инженером по установке аудио-видеотехники или другим специалистом с соответствующей квалификацией. Компания B-Tech AV Mounts ее дистрибьюторы и дилеры не несут ответственности за повреждения или травмы, полученные в результате неправильной установки.

توصي بي‑ تك للتجارة الدولية المحدودة بأن شخص محترف فى تركيب ال AV او شخص مؤهل تأهيلاً مناسبا لتركيب هذا المنتج . بي‑ تك للتجارة الدولية، موزعيها والتجار ليست عرضـة أو مسؤولـة عن الأضرار أو الإصابات الناجمة عن تركيب غير سليم، والاستخدام غير السليم أو عدم مراعاة هذه التعليمات للسلامة يجب أن يتم تركيب هذا المنتج فى بنية مناسبة ويجب استخدامة فقط لدعم الحد الأقصى للوزن المشار إليه.
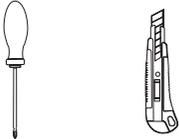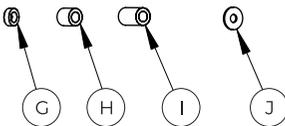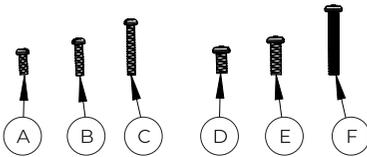
B Tech
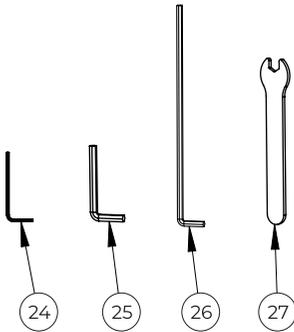AV Mounts

BT7003-55 **Parts List**

Please keep this for future reference
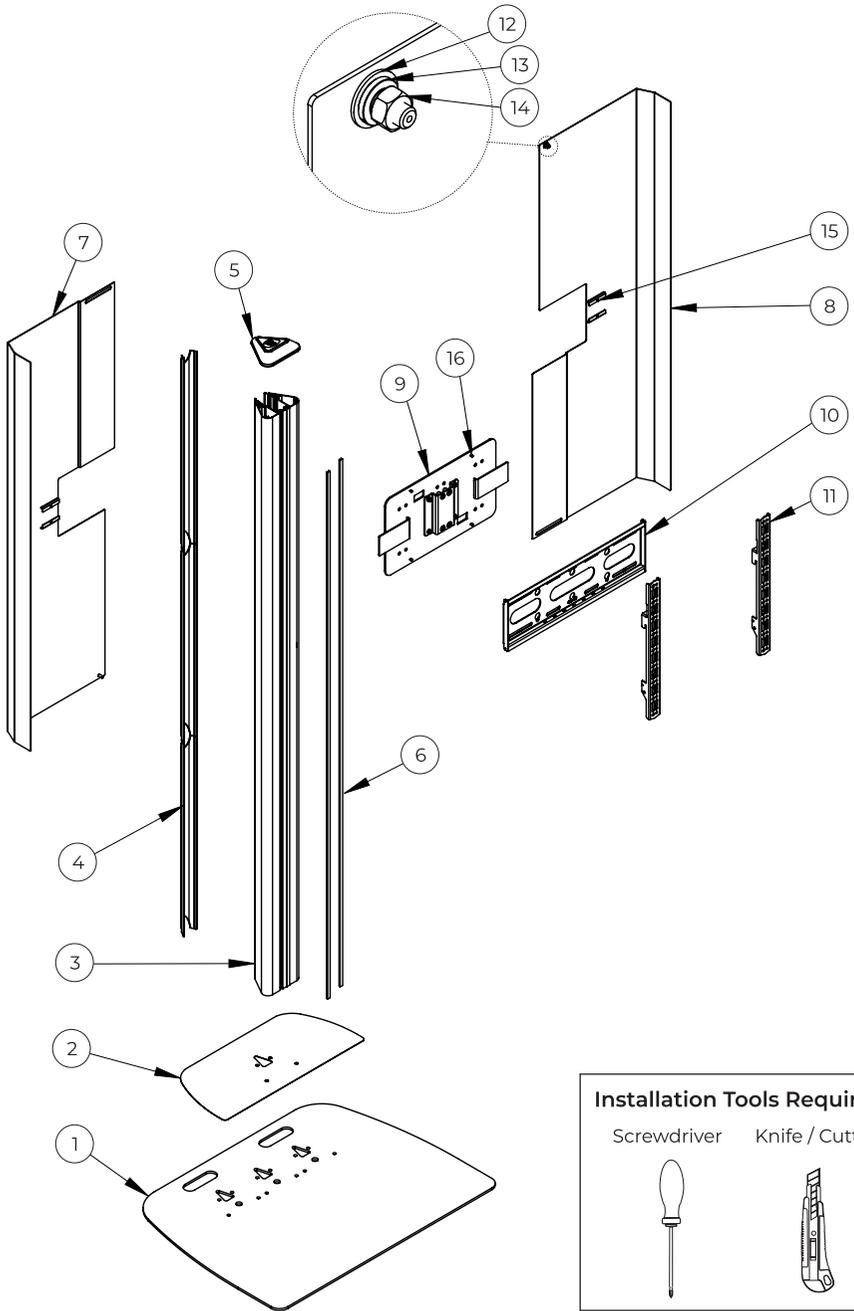
Installation Tools Required

Screwdriver   Knife / Cutter

B Tech
AV Mounts

Item	Description	Qty
1	Base	1
2	Base Cover	1
3	Column	1
4	Rear Cover Column	3
5	Column Cap	1
6	Insert Strips	2
7	Left Cover	1
8	Right Cover	1
9	Back Plate	1
10	Interface Plate	1
11	Interface Arm	2
12	M6 Washer	2
13	M6 Shoulder Washer	2
14	M6 Nut	2
15	M4 x 6mm Grub Screw	4
16	M4 x 16mm Grub Screw	4
17	M8 x 12mm Screw	4
18	M8 x 20mm Screw	4
19	M8 x 35mm Screw	4
20	M8 Sliding Nut	4
21	Double Sided Sticky Pads	6
22	Hole Cap	8
23	Cable Ties	4
24	2AF Pin Hex Key	1
25	5AF Pin Hex Key	1
26	4AF Long Hex Key	1
27	10mm Spanner	1
Screen Fixings		
A	M6 x 16mm Screw	4
B	M6 x 25mm Screw	4
C	M6 x 40mm Screw	4
D	M8 x 16mm Screw	4
E	M8 x 25mm Screw	4
F	M8 x 50mm Screw	4
G	5mm Spacer	4
H	15mm Spacer	4
I	25mm Spacer	4
J	M6 Washer	4

Suitable for loads up to 25kg (55lbs)

BTech
AV Mounts

Installation Instructions

1. **Fix Column To Base**
Using *item 19* fix *items 2 & 3* onto *item 1*.
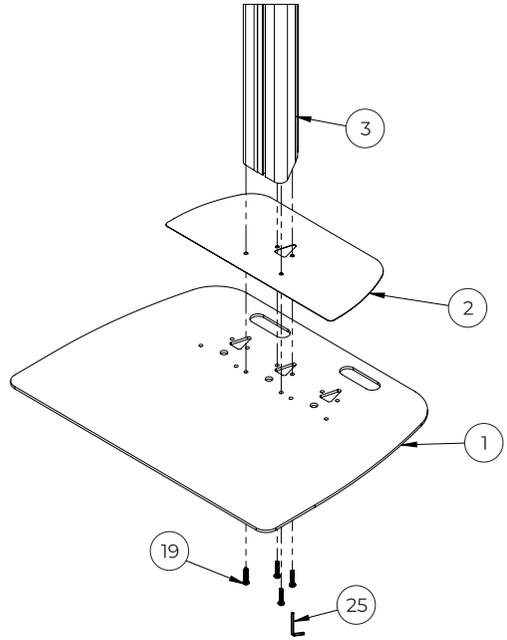
2. **Attach Back Plate To The Column**
i. Insert *2x item 20* into the front channels of the column *(item 3)*.

ii. Fix *item 9* to *item 3* using *item 17*.

B Tech AV Mounts
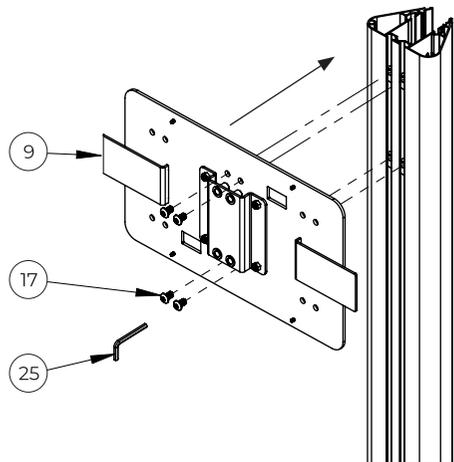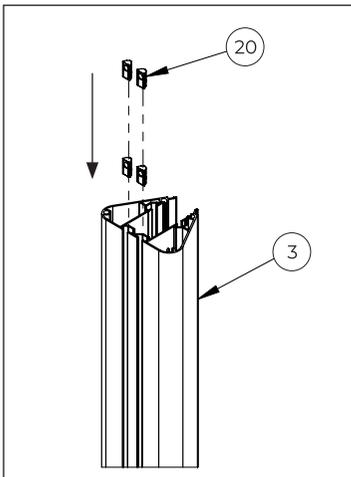
3. Assemble Rear Cover

i. Unscrew *item 14* from *items 7 & 8*.
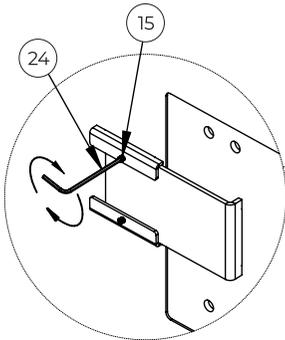ii. Slide *items 7 & 8* onto the back of *item 9*.

Note: Leave *items 12 & 13* on the stud.
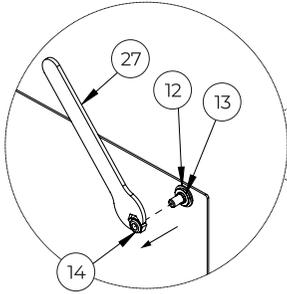
Note: Make sure the cover interlock is in the correct orientation and the slot mechanism is working *(top & bottom)*. This will require using a slight angle during installation.
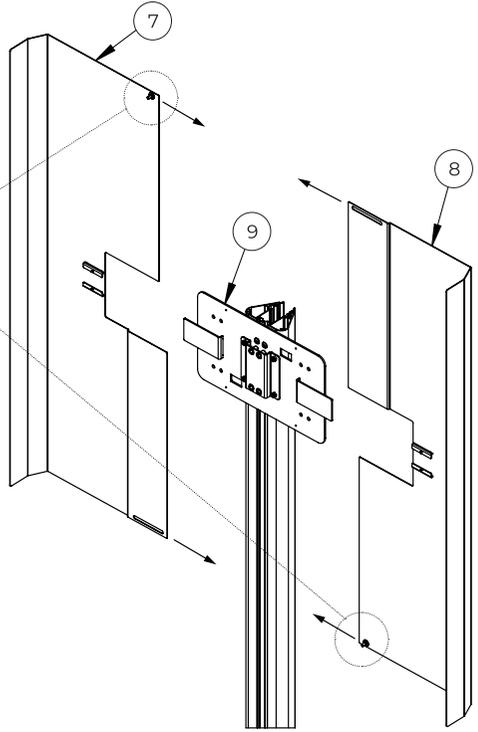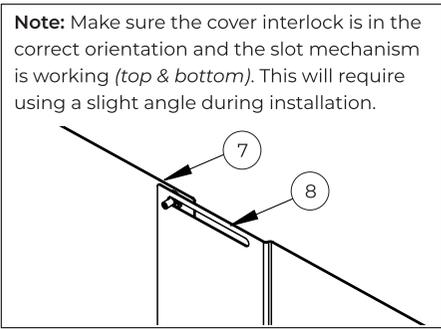
iii. Hold covers in place using the provided grubs screws and at maximum width, lightly tighten *item 15*.

B Tech
AV Mounts
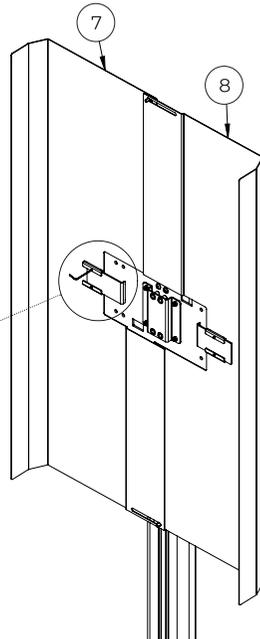
4. Attach Interface Plate To Stand

Using *item 18*, attach *item 10* onto *item 9*.

Note: The rear cover provides a 60mm depth to fit the screen. If the screen is too shallow, use the spacers provided with the screen fixings to set product depth (see below).

60mm

Spacers *(items G, H & I)*

5mm

15mm

25mm

9

10

18

25
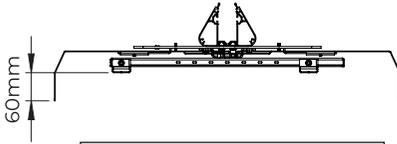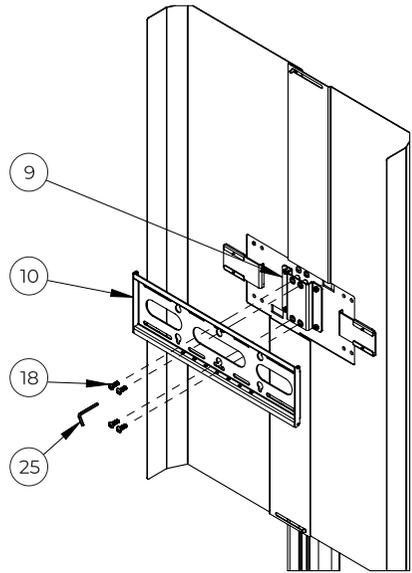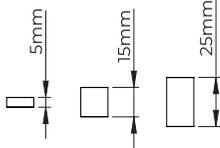
5. Mount Screen Onto Stand

i. Fix *item 11* to the rear of the screen using *items A - F*

Note: If necessary add spacers to mount the screen flush with the front of the covers *(items 7 & 8)*.

Note: Ensure the arms are facing the correct way round and the same holes are used on both arms.

A-F

J

11

11

Top

Bottom

Screen

Screw

Washer

Spacers

Interface Arm

Top of screen

Screen

BTech
AV Mounts
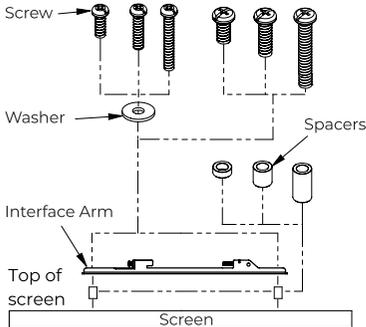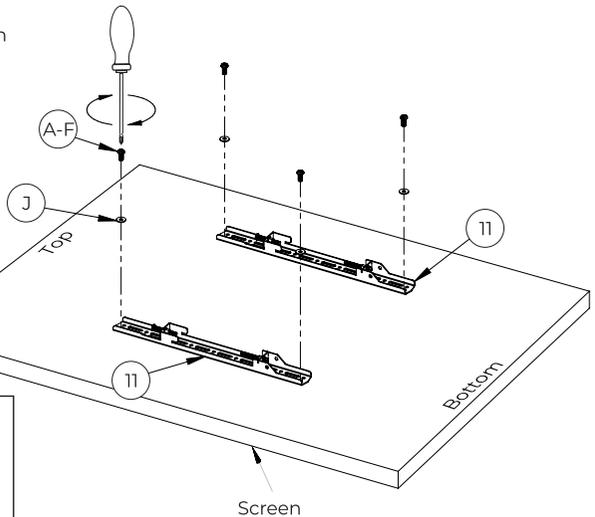
Installation Options

Mounting An AV Device

Position the equipment on *item 10* so the cables have easy connection to the screen and use *item 23* to secure the device to the interface plate (*item 10*).

After mounting the screen it is possible to add a padlock *(not supplied)* to *item 11* preventing the screen from being easily removed.
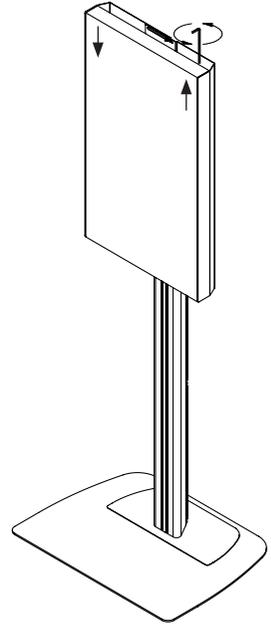
Padlock hole size: Φ5mm (0.2")

10

23

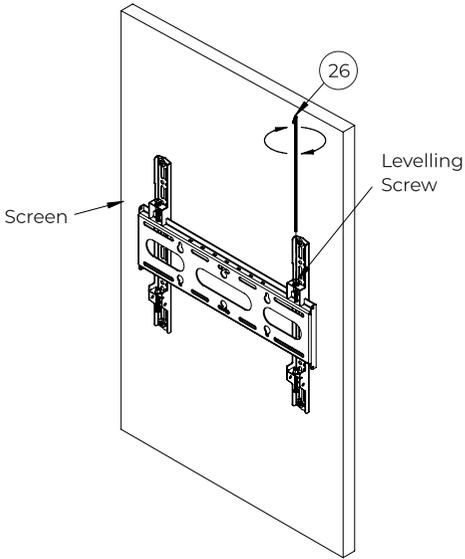AV Device

11

Padlock
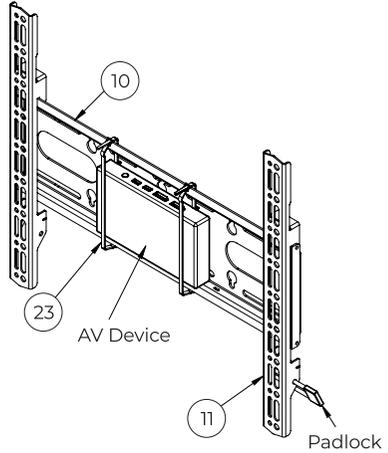
ii. Hook screen onto *item 10*.
  (this may require 2 people)

10
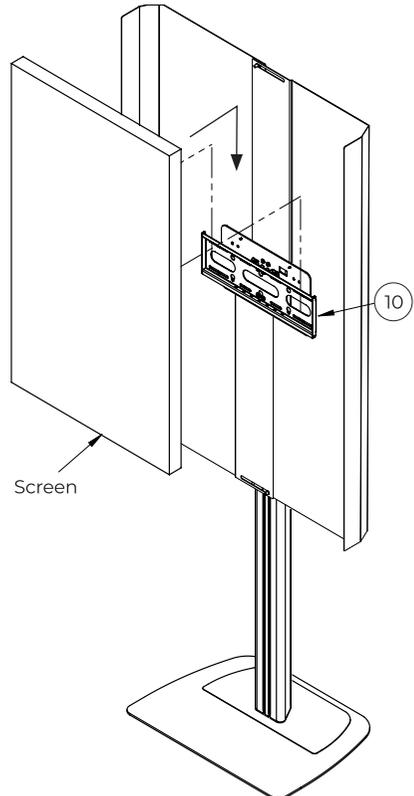
Screen

6. Optional **Screen Levelling**

i. If necessary, adjust the levelling screws on top of *item 11* to level the screen.

(26)

Levelling
Screw

Screen

Secure Screen To Mount

ii. Tighten the safety screws on the bottom of *item 11* to secure the screen to *item 10*

Screen

Safety
Screw

(11)

(26)

B Tech
AV Mounts
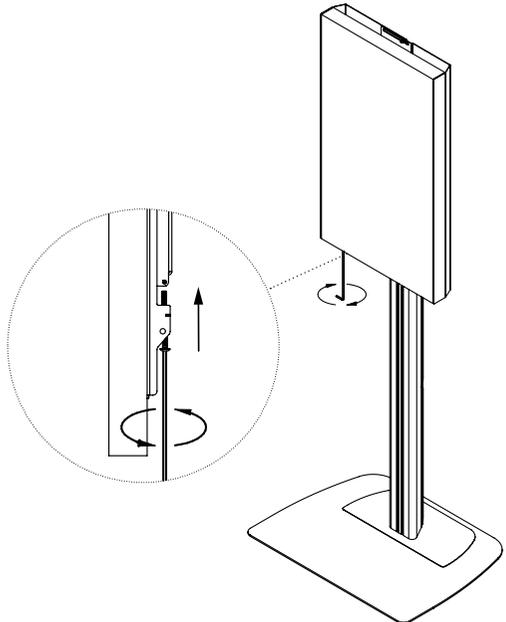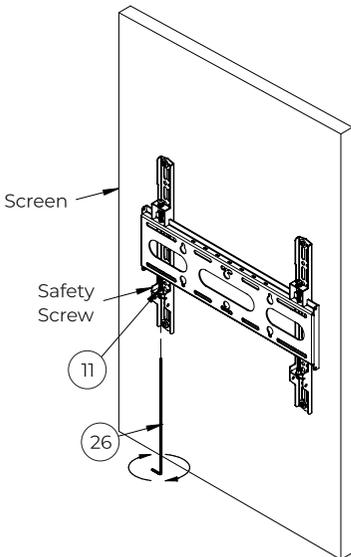
7. **Fix Rear Covers**

Slide *items 7 & 8* together until the side of the covers are touching the screen and lock in position at the top and bottom using *item 14*.
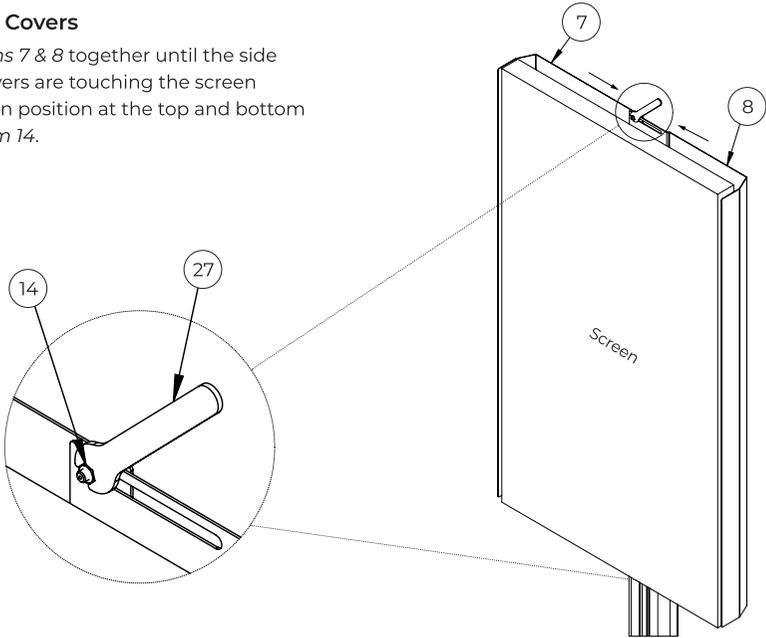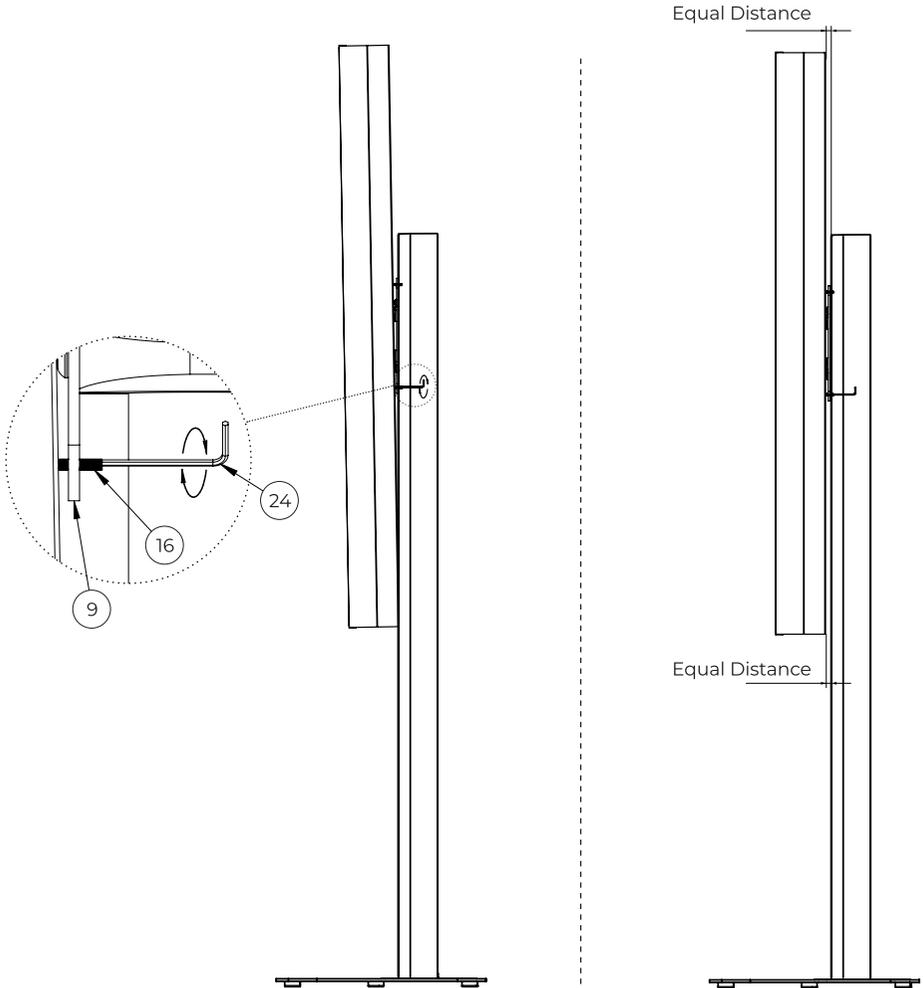
Screen

Optional

If required, use *item 21* to anchor the rear covers *(items 7 & 8)* to the side of the screen.

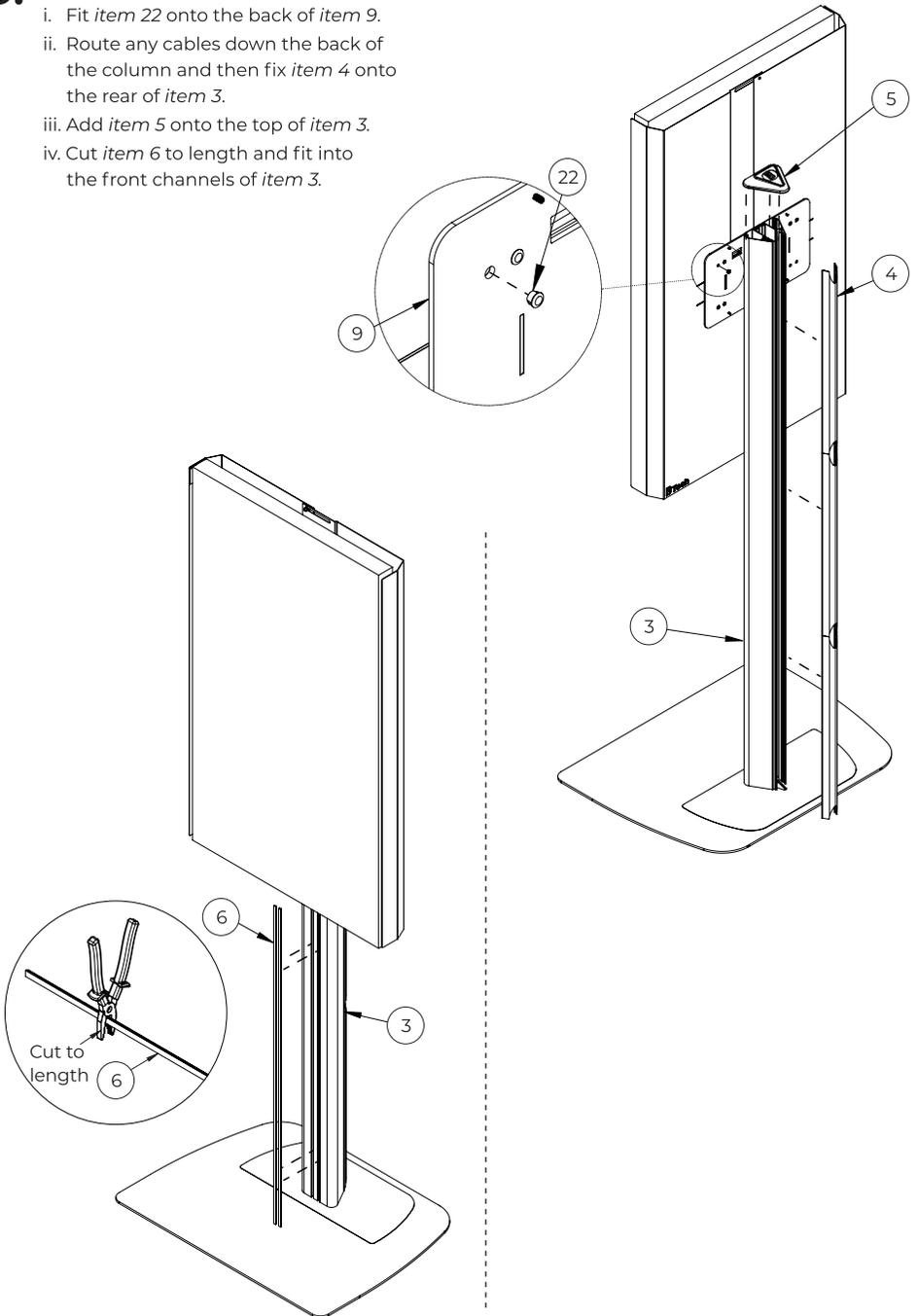Screen

BTech
AV Mounts
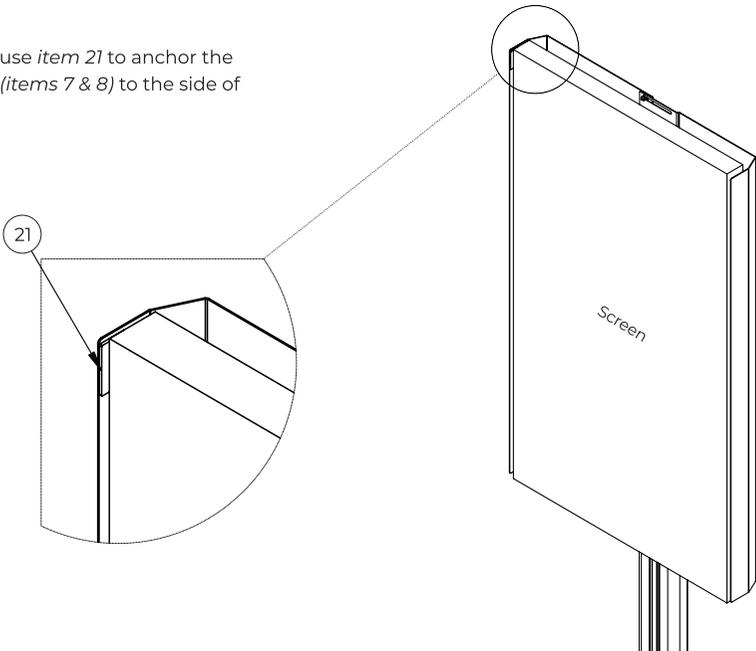
Optional **Align Display**

If the rear cover has a slight forward lean, adjust *item 16* (grub screws) on the back of *item 9* to bring cover edges parallel with the screen edge and column.

Equal Distance

9

16

24

Equal Distance

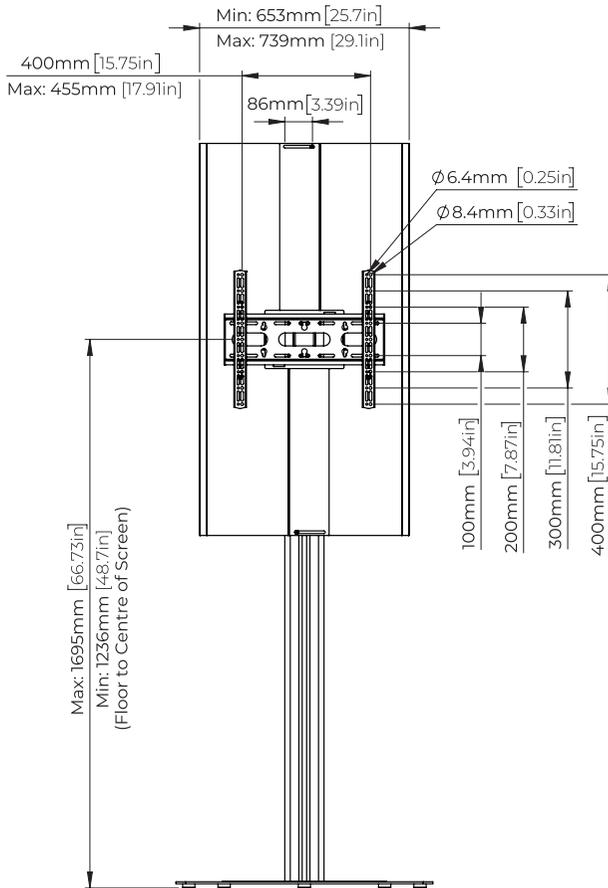**B Tech**
AV Mounts

8. Add Caps And Cable Management Covers

i. Fit *item 22* onto the back of *item 9*.
ii. Route any cables down the back of the column and then fix *item 4* onto the rear of *item 3*.
iii. Add *item 5* onto the top of *item 3*.
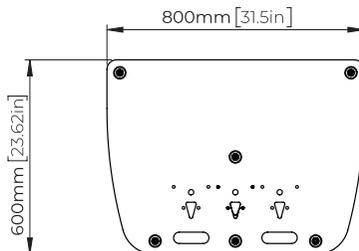iv. Cut *item 6* to length and fit into the front channels of *item 3*.

5

22

9

4

3

6

3

Cut to length 6

B Tech
AV Mounts

BT7003-55 Dimensions

Please keep this for future reference

Front View

Min: 653mm [25.7in]
Max: 739mm [29.1in]

400mm [15.75in]
Max: 455mm [17.91in]

86mm [3.39in]

∅6.4mm [0.25in]
∅8.4mm [0.33in]

100mm [3.94in]
200mm [7.87in]
300mm [11.8in]
400mm [15.75in]

Max: 1695mm [66.73in]
Min: 1236mm [48.7in]
(Floor to Centre of Screen)

Bottom View

800mm [31.5in]

600mm [23.62in]

B Tech
AV Mounts

Side View

225mm [8.86in]

104.8mm [4.13in]

459mm [18.06in]

1211.5mm [47.7in]

Back View

Max: 2301mm [90.58in]

Min: 1842mm [72.5in]

1842mm [72.53in]

B Tech

B Tech
AV Mounts

BT7003-55

B Tech®
AV Mounts

AMA-BT7003-55-V1-0525-BTECH   Made in the P.R.C.