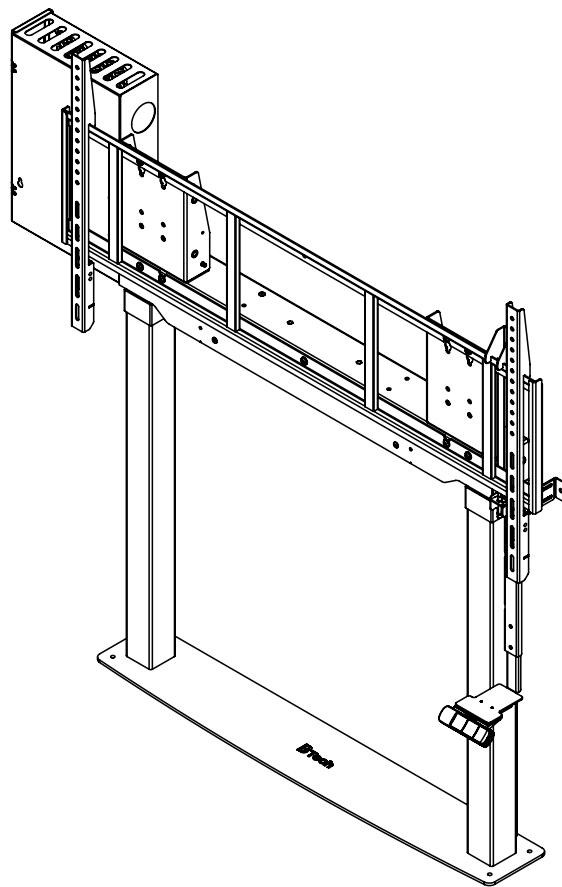


BT8599

momentum • **elevate XL**

# Heavy Duty Motorised Height Adjustable Floor-To-Wall Stand

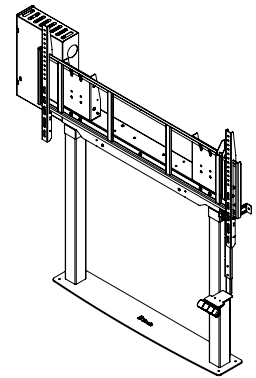
## Installation Guide



- Recommended for screens up to 120"
- Max load: 160kg (220lbs)
- Suitable for displays with VESA® & non-VESA fixings up to 1200 x 600mm
- Distance from floor to centre of screen:  
Min. 1096mm (43.1") - Max. 1749mm (68.8")
- Motorised height adjustment range: 650mm (25.4")
- Features easy to use control panel and automatic safety stop function
- Includes media storage cradle
- Stand dimensions:  
**H.1421-2073mm** x **W.1474mm** x **D.198-248mm**  
(**H.56" - 81.6"** x **W.58"** x **D.7.8"-9.8"**)

| Recommended Max Screen | Max Load          | Max VESA         | Height Adjustment | Post Install Alignment |
|------------------------|-------------------|------------------|-------------------|------------------------|
| 120"<br>305cm          | 160kg<br>[350lbs] | 1200<br>x<br>600 | ↑<br>↓            | ←<br>→                 |

|                           |    |
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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, some locations are not suitable for installation. For indoor use only. Install stand on level ground. 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 (eg installations in passageways, emergency exits), if located in a public or frequently populated area ensure that the product is out of the immediate reach of people.

### 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. 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

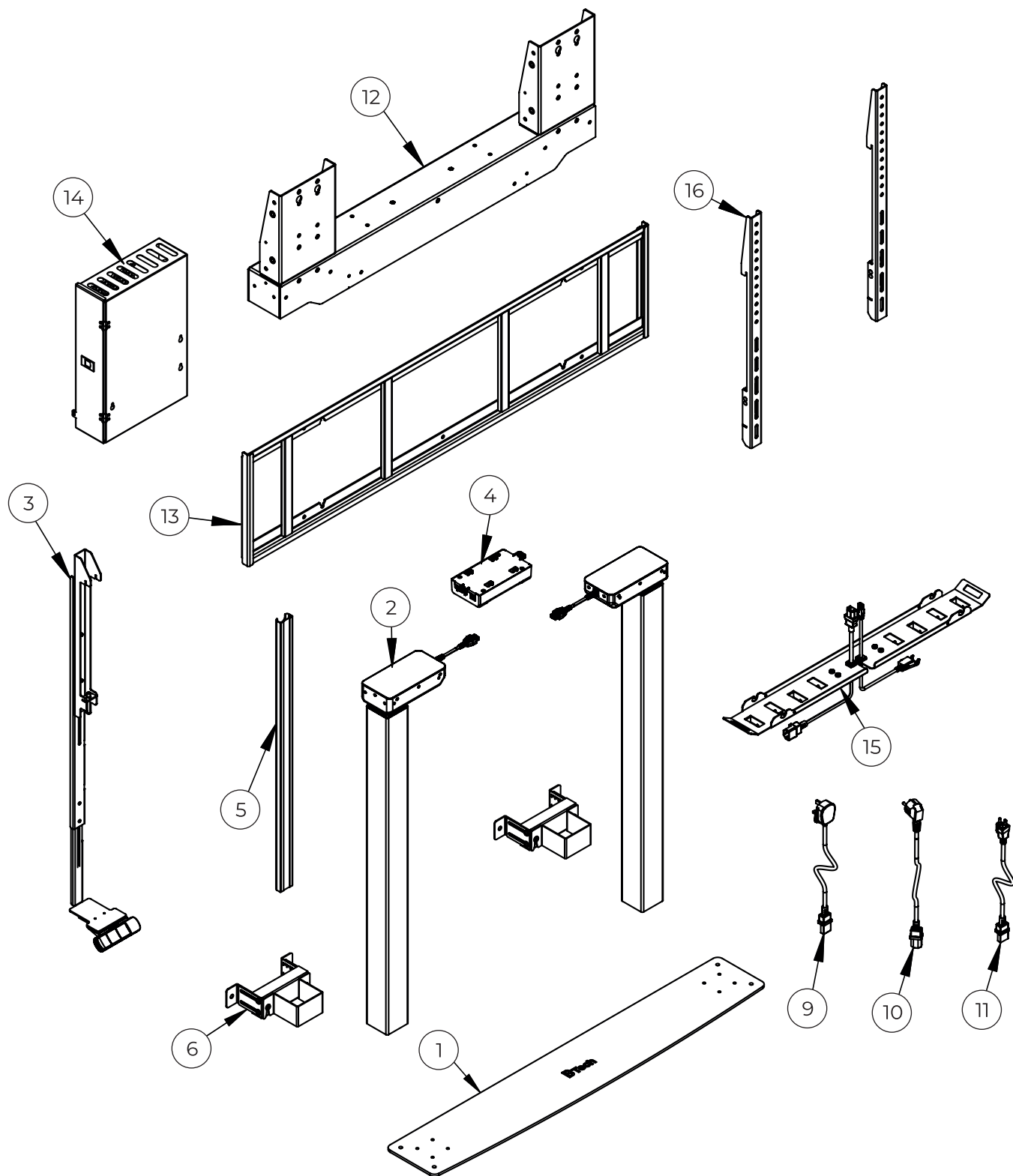
When routing cables take advantage of any built in cable management features that the product might provide and ensure that all cables are tidy and secure. Check to see that any moving aspect of the product can do so unhindered by any cabling. Some products have moving parts and the potential to cause 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.

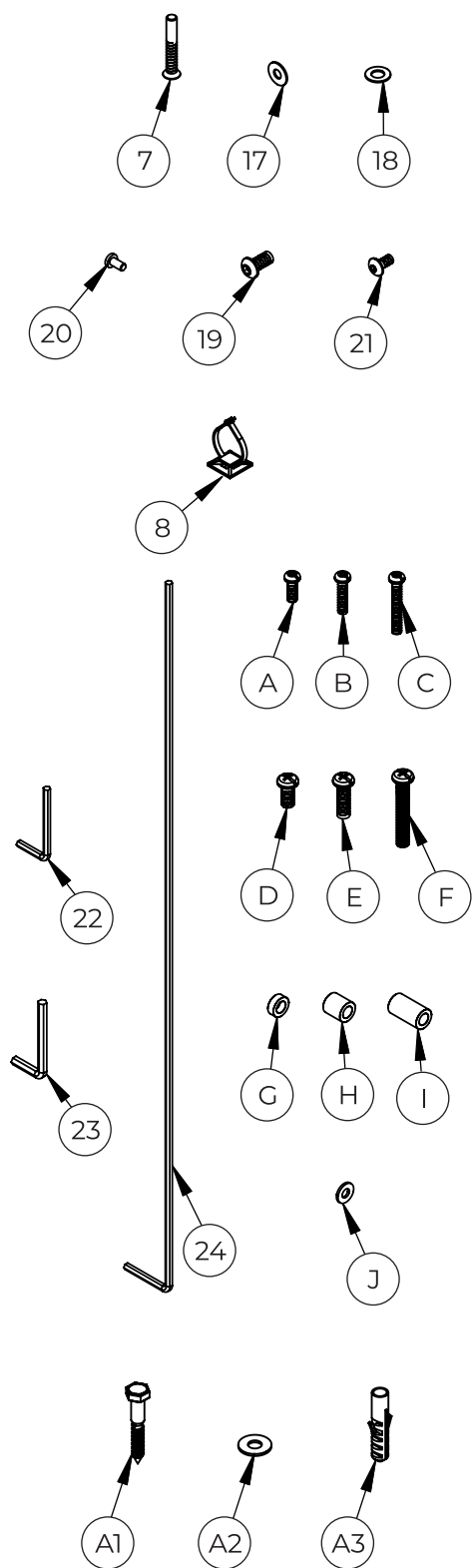
- CN B-Tech AV Mounts 建议本产品由专业AV安装人员或其他合格人员安装。B-Tech AV Mounts 及它的代理商、经销商不对由于不恰当的安装而造成的损失或伤害负责。本产品必须安装在合适的架构上，并仅用于不超过所标示的最大承重。
- CS Společnost B-Tech AV Mounts doporučuje provést instalaci tohoto produktu instalátora AV či jinak způsobilé osoby. Společnost B-Tech AV Mounts, její distributoři a prodejci 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 uvedené 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 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.
- IT B-Tech AV Mounts consiglia di affidare l'installazione di questo prodotto a un installatore specializzato o ad altra persona adeguatamente 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あ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 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.
- 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 في تركيب ال AV او شخص مؤهل تأهيلا مناسباً لتركيب هذا المنتج. بي- تك للتجارة الدولية، موزعيها 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.

# BT8599 Parts List

Please keep this for future reference





### Installation Tools Required

Screwdriver



Suitable for loads up to 160kg (350lbs)

| Item                  | Description             | Qty |
|-----------------------|-------------------------|-----|
| 1                     | Floor Plate             | 1   |
| 2                     | Lifting Column          | 2   |
| 3                     | Control Panel Holder    | 1   |
| 4                     | Control Box             | 1   |
| 5                     | Cable Tray              | 1   |
| 6                     | Column Clamp            | 2   |
| 7                     | M6 x 40mm CSK Hex Screw | 8   |
| 8                     | Cable Tie Mount         | 2   |
| 9                     | UK Plug                 | 1   |
| 10                    | EU Plug                 | 1   |
| 11                    | NA Plug                 | 1   |
| 12                    | Control Box Enclosure   | 1   |
| 13                    | Mounting Plate          | 1   |
| 14                    | Media Storage Cradle    | 1   |
| 15                    | Control Box Support     | 1   |
| 16                    | Interface Arm           | 2   |
| 17                    | M6 Washer               | 14  |
| 18                    | M8 Washer               | 11  |
| 19                    | M8 x 16mm Screw         | 11  |
| 20                    | M5 x 10mm Screw         | 2   |
| 21                    | M6 x 12mm Screw         | 19  |
| 22                    | 4AF Hex Key             | 1   |
| 23                    | 5AF Hex Key             | 1   |
| 24                    | Long 4AF Hex Key        | 1   |
| <b>Screen Fixings</b> |                         |     |
| 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                     | M8 x 5mm Spacer         | 4   |
| H                     | M8 x 15mm Spacer        | 4   |
| I                     | M8 x 25mm Spacer        | 4   |
| J                     | M6 Washer               | 4   |
| <b>Wall Fixings</b>   |                         |     |
| A1                    | M8 x 50mm Coach Screw   | 8   |
| A2                    | M8 Washer               | 8   |
| A3                    | No.10 Wall Plug         | 8   |

# Operational Safety Instructions

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**DANGER:** To reduce the risk of an electric shock always:

- Turn off power at source before cleaning.
- Do not use near water or outdoors.



**WARNING:** To reduce the risk of burns, fire, electric shock, or injury to persons:

- Unplug from outlet before putting on or taking off parts.
- Protect any cables or cords being used near this equipment from being walked on or pinched.
- Clean only with a dry cloth and always unplug any electrical items being used in conjunction with this product before cleaning.
- Never operate this mounting system if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the mounting system to a service centre for examination and repair.
- Keep the cord away from heated surfaces.
- To avoid any damages and improve manoeuvrability ensure a safe distance of at least 1 metre is kept between the stand and other furnishings.
- Never drop or insert any object into any opening.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- To disconnect, turn all controls to the off position, then remove plug from outlet.



**WARNING:** Exceeding the weight capacity can result in serious personal injury or damage to equipment. It is the installer's responsibility to make sure the weight of all components attached to the BT8599 does not exceed 160kg (350lbs).

**WARNING:** Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

Any switch or similar device used to operate the interactive board system must be installed at a height of between 750mm and 1200mm from the floor.

**WARNING:** Never operate the product if it is damaged in any way, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Contact the original installer/manufacturer to arrange repair or return.

**WARNING:** Risk of death or serious injury may occur if children climb onto stand.

**NOTE:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

**NOTE:** The product is fitted with a three-pin plug, but it has been assessed as a functional earth due to the absence of a physical earth connection at the rear end. This appliance incorporates an earth connection for functional purposes only. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

**NOTE:** BT8599 has no user serviceable parts.

**NOTE:** BT8599 can support screen sizes up to a maximum of 120 inches (diagonal).

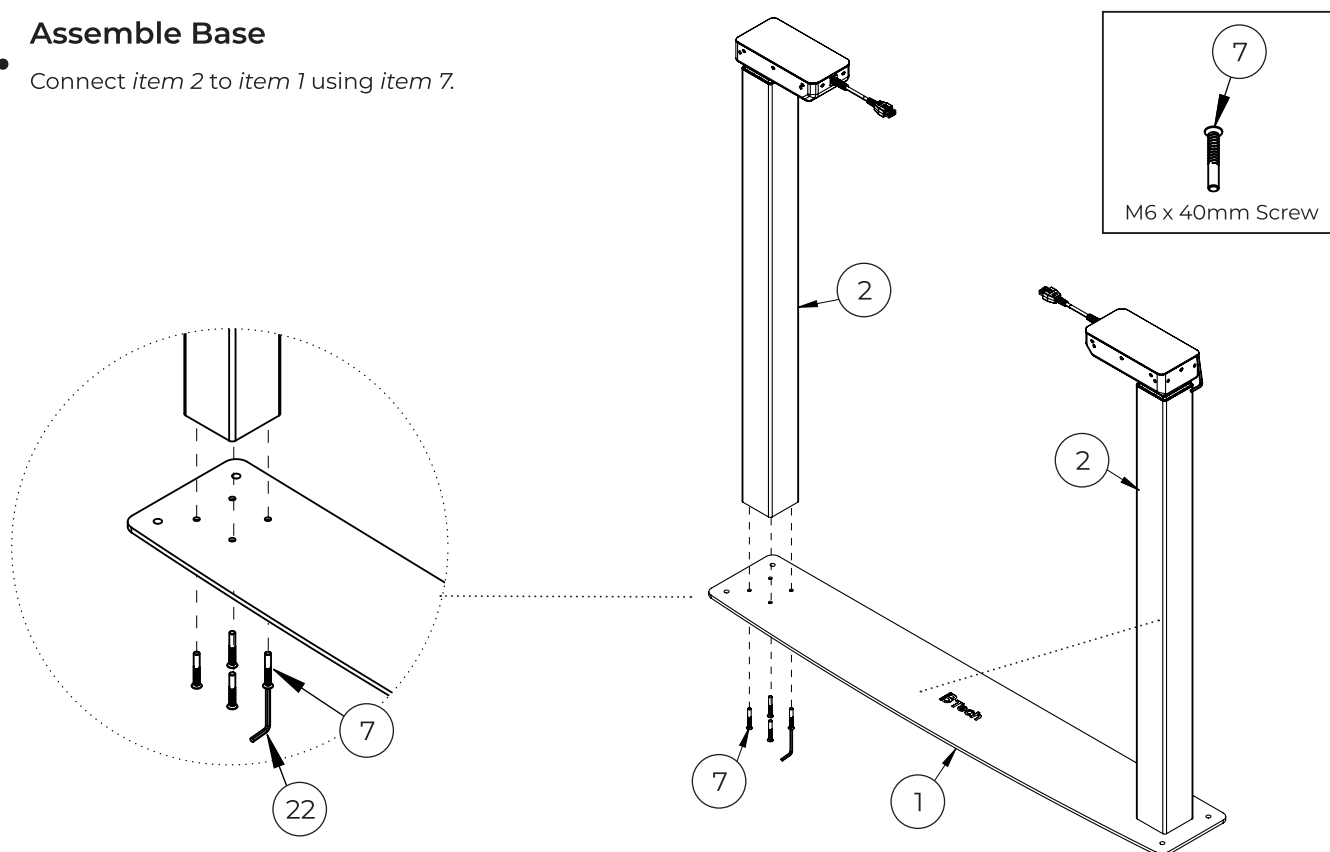


**CAUTION:** Changes or modifications to this unit not expressly approved by the manufacturer can void the units CE/FCC certifications and make the unit illegal to operate.

# Installation Instructions

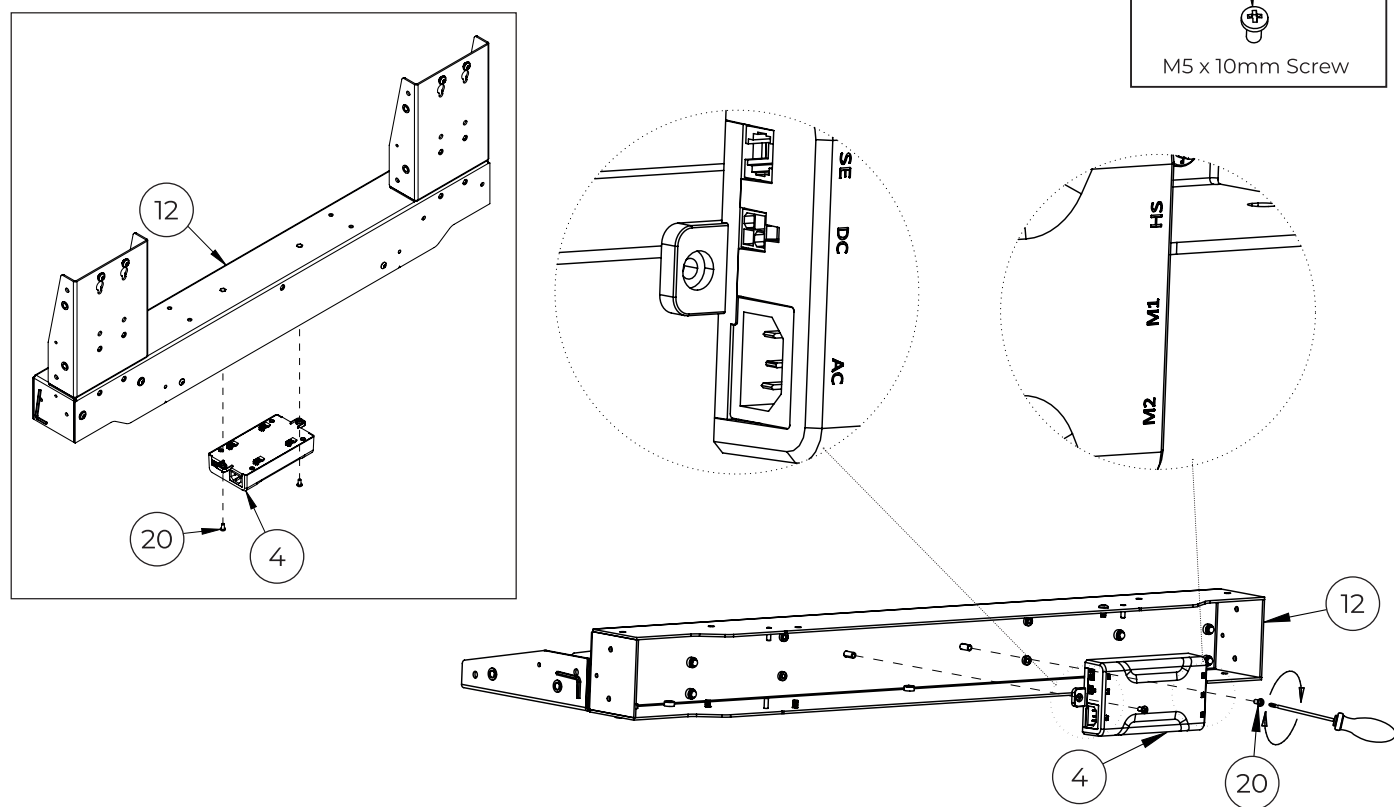
## 1. Assemble Base

Connect *item 2* to *item 1* using *item 7*.



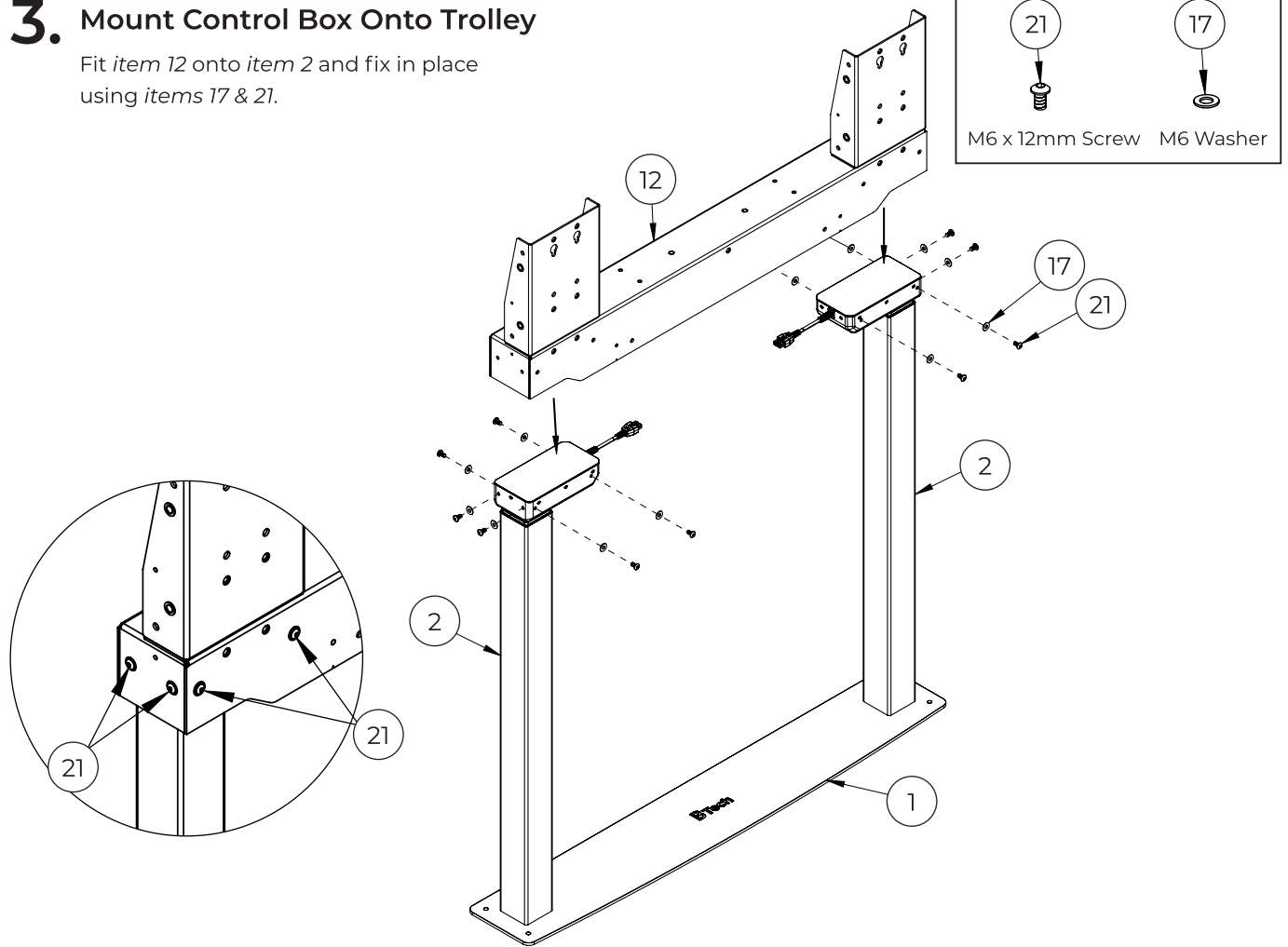
## 2. Assemble Control Box

Fix *item 4* to the bottom of *item 12* using *item 20*.



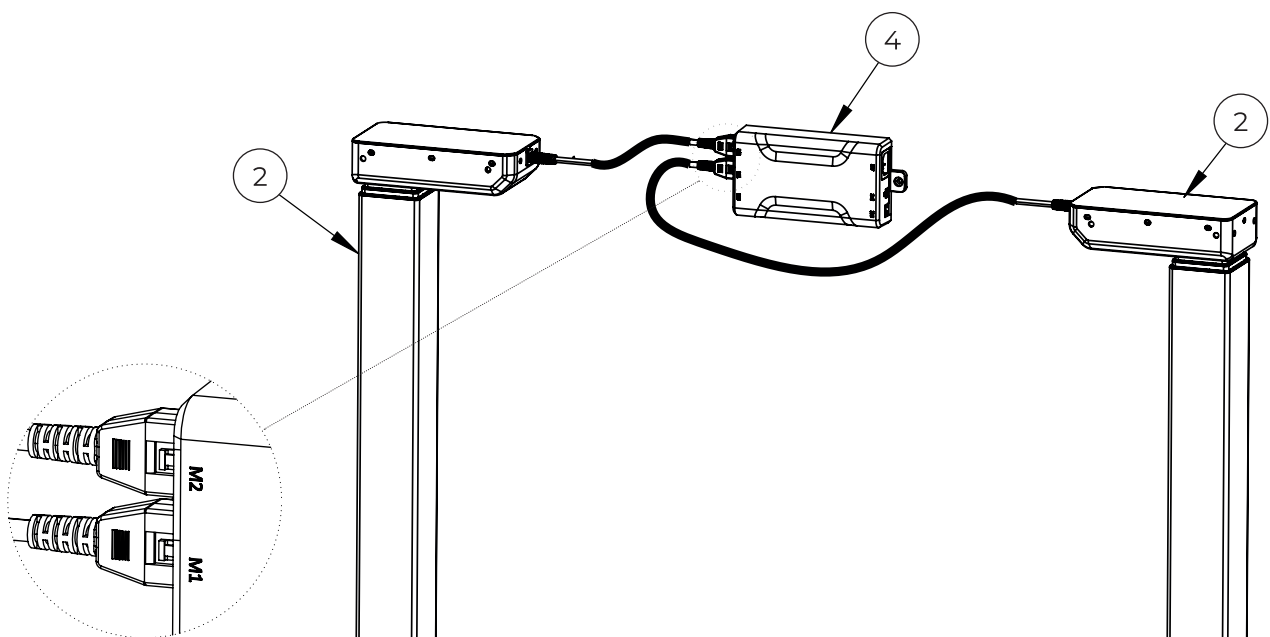
### 3. Mount Control Box Onto Trolley

Fit *item 12* onto *item 2* and fix in place using *items 17 & 21*.



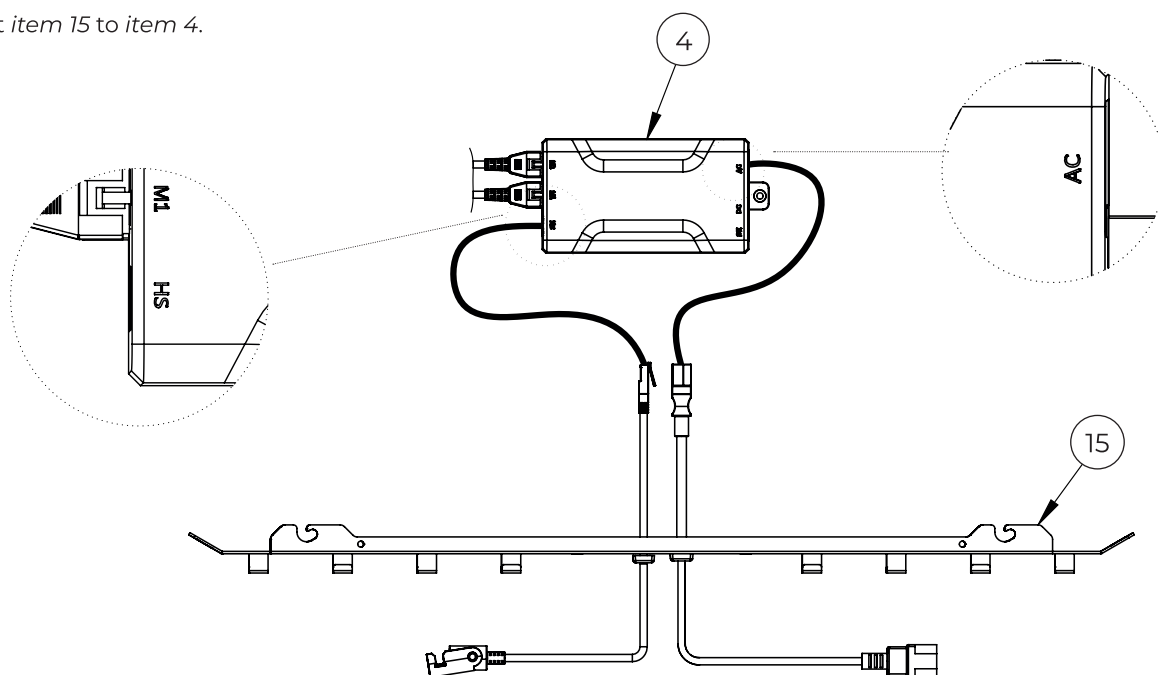
### 4. Connect Cables To Columns

Connect *item 4* to *item 2*.



## 5. Connect Cables To Box Support

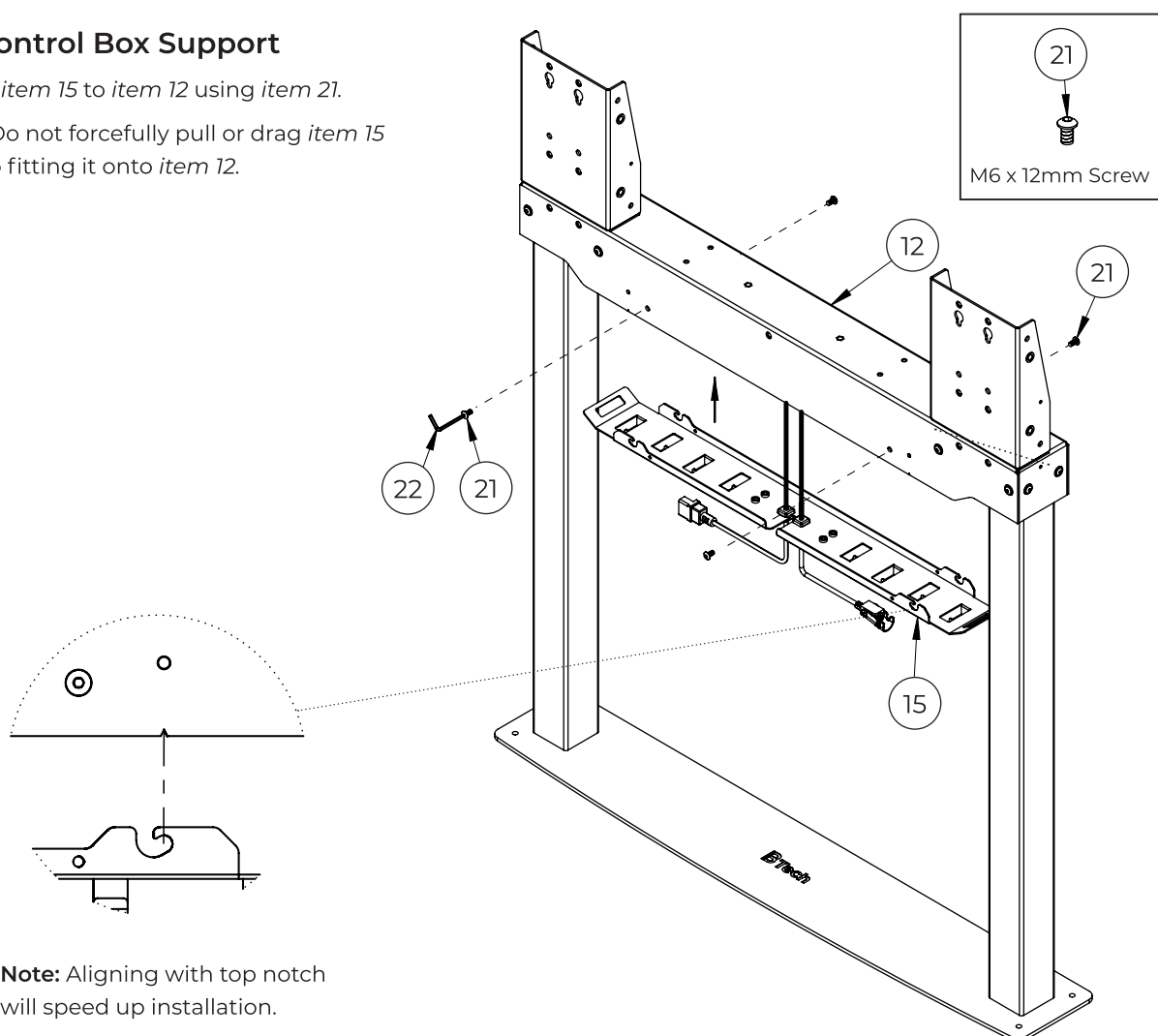
Connect *item 15* to *item 4*.



## 6. Fix Control Box Support

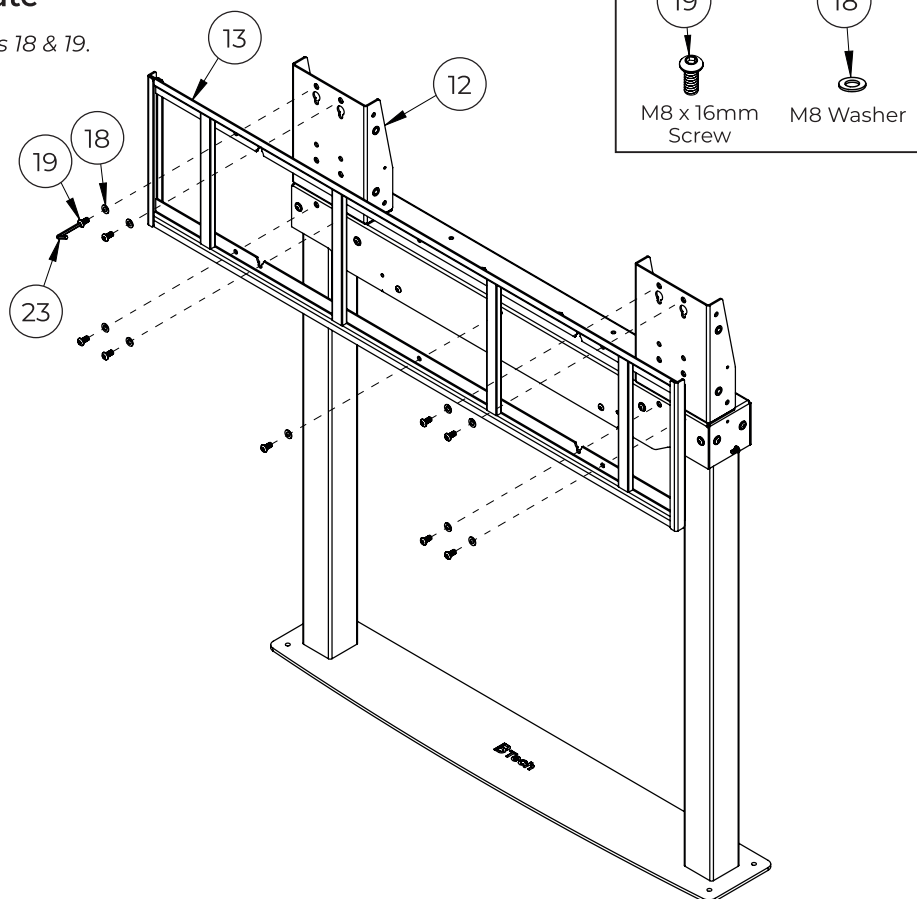
Attach *item 15* to *item 12* using *item 21*.

**Note:** Do not forcefully pull or drag *item 15* prior to fitting it onto *item 12*.



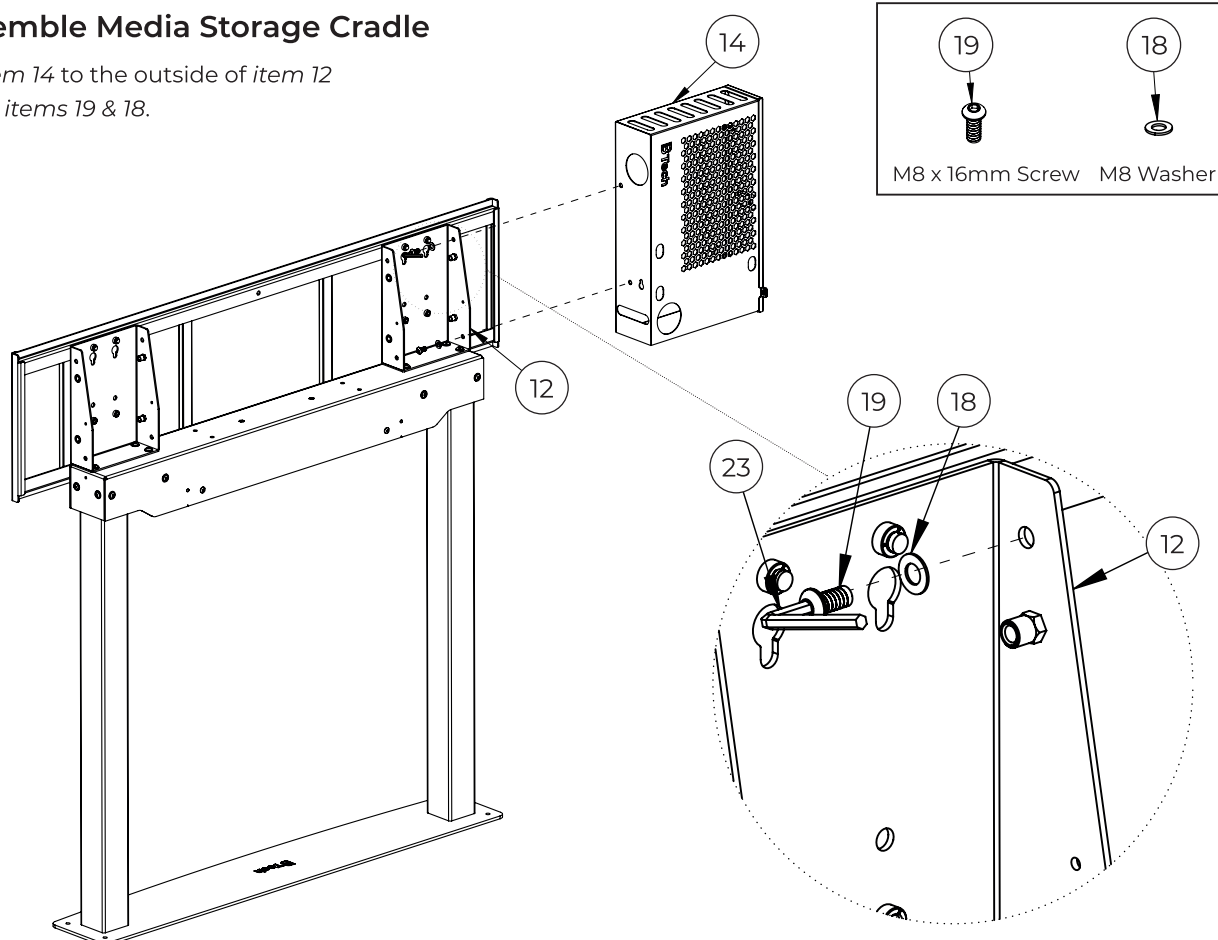
## 7. Assemble Mounting Plate

Fix item 13 to item 12 using items 18 & 19.



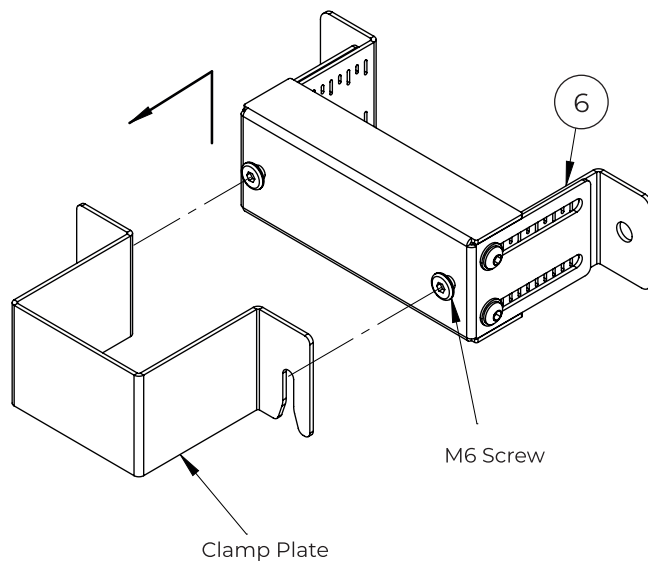
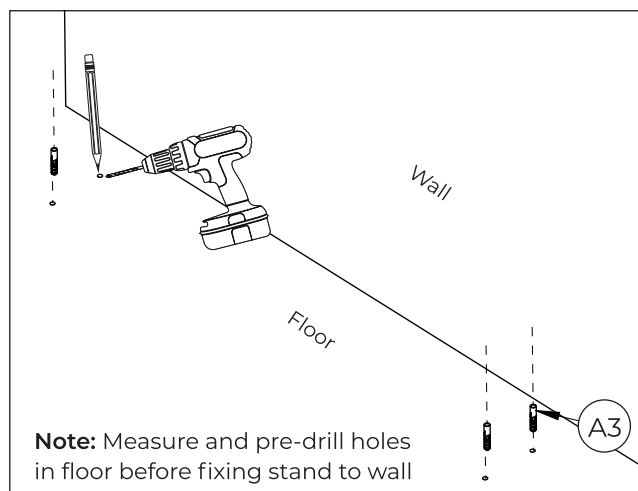
## 8. Assemble Media Storage Cradle

Fix item 14 to the outside of item 12 using items 19 & 18.

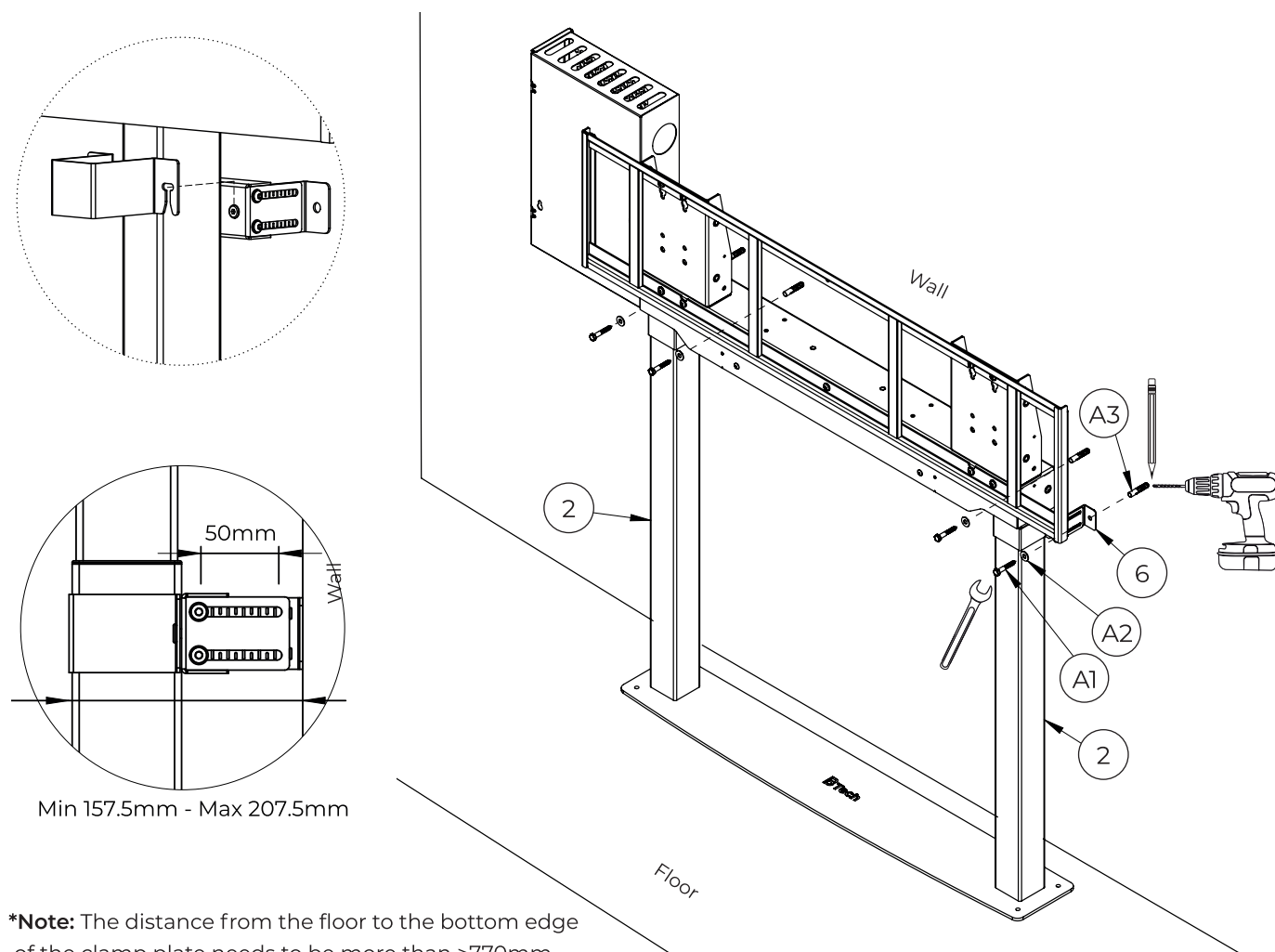


## 9. Fix Stand To The Wall

- i. Loosen the M6 screws on *item 6* (do not remove) and disassemble the clamp plate from *item 6*.



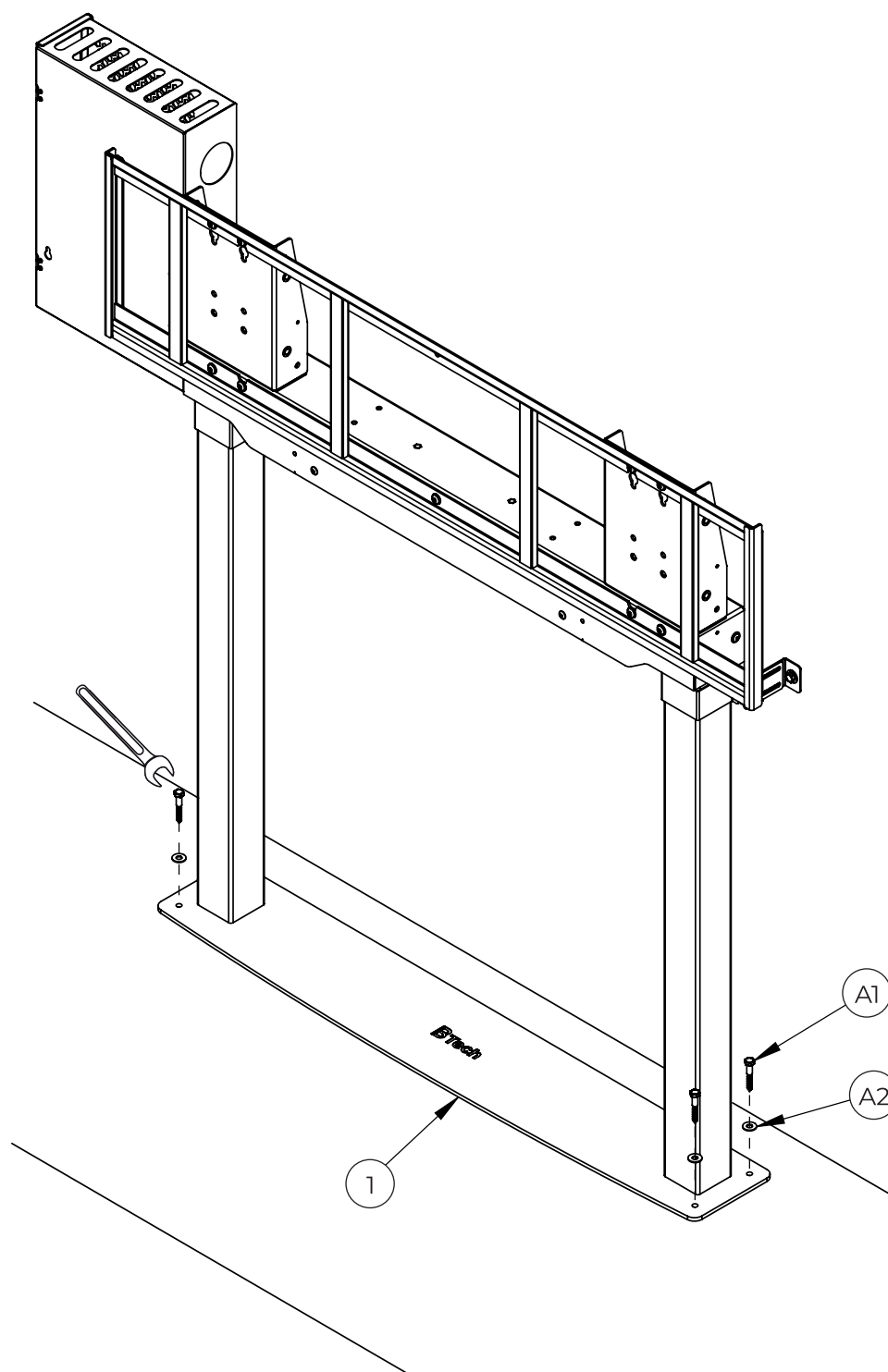
- ii. Fit the clamp plates onto the columns\* (*item 2*) and hook back onto *item 6*.
- iii. Insert *item A3* into the pre-drilled hole fixings in the wall.
- iv. Fix *item 6* to the wall using *items A1 & A2*.



**\*Note:** The distance from the floor to the bottom edge of the clamp plate needs to be more than >770mm to attach the cable management tray (*item 5*).

## 10. Bolt Stand To Floor

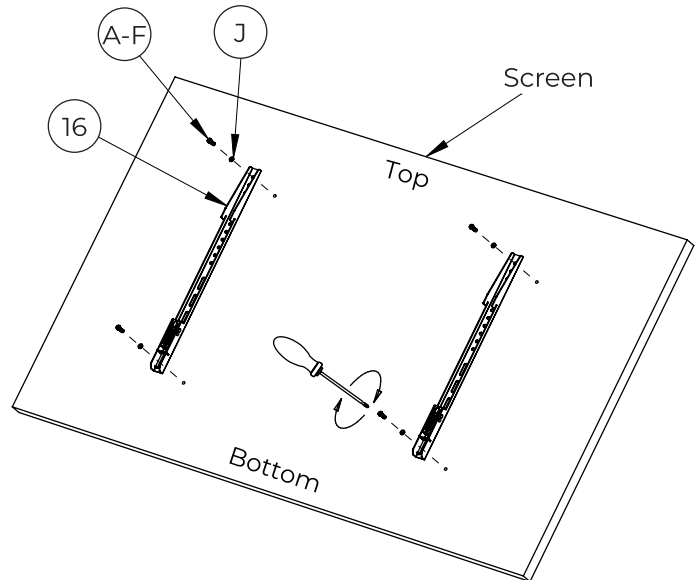
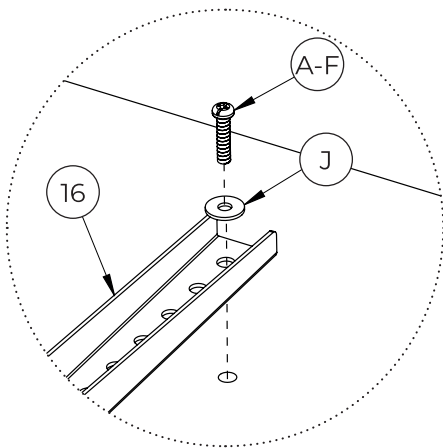
Fix *item 1* to the floor using the pre-drilled holes and *items A1, A2 & A3* or suitable ground fixings (*not supplied*).



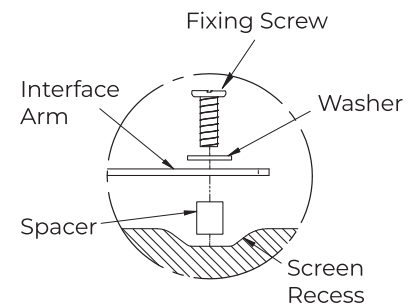
## 11. Fix Interface Arms To Screen

Attach *item 16* to the rear of the screen using the screen fixings provided.

**Note:** Ensure interface arms are positioned the correct way round, the same holes are used on all arms and suitable screen fixings are used.



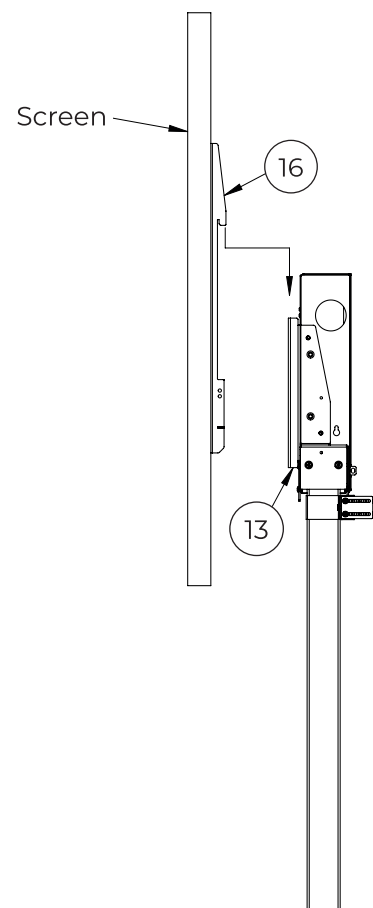
**Note:** Spacers (*items G, H & I*) are to be used for screens with recessed fixings.



## 12. Mount Screen Onto Stand

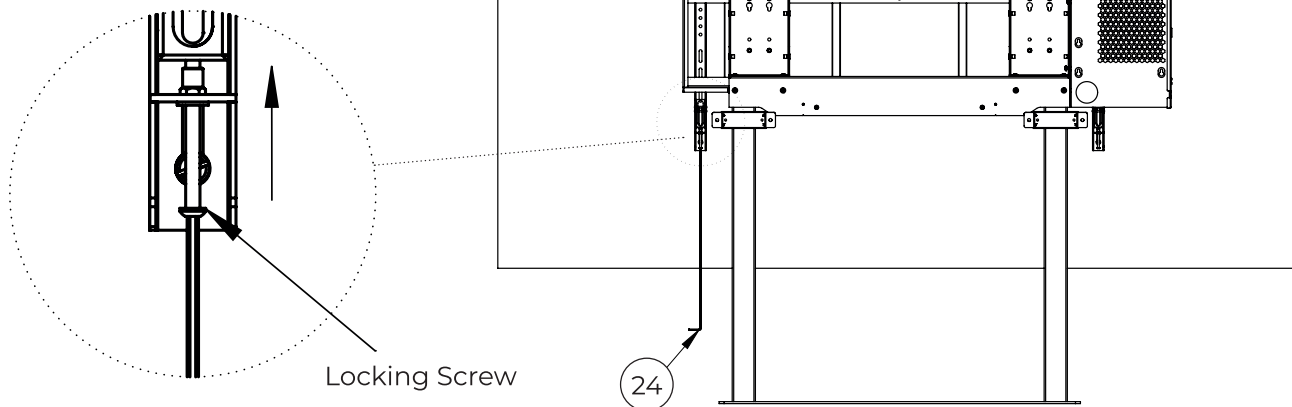
Hook screen on *item 13*.

**Note:** This may require two or more people.



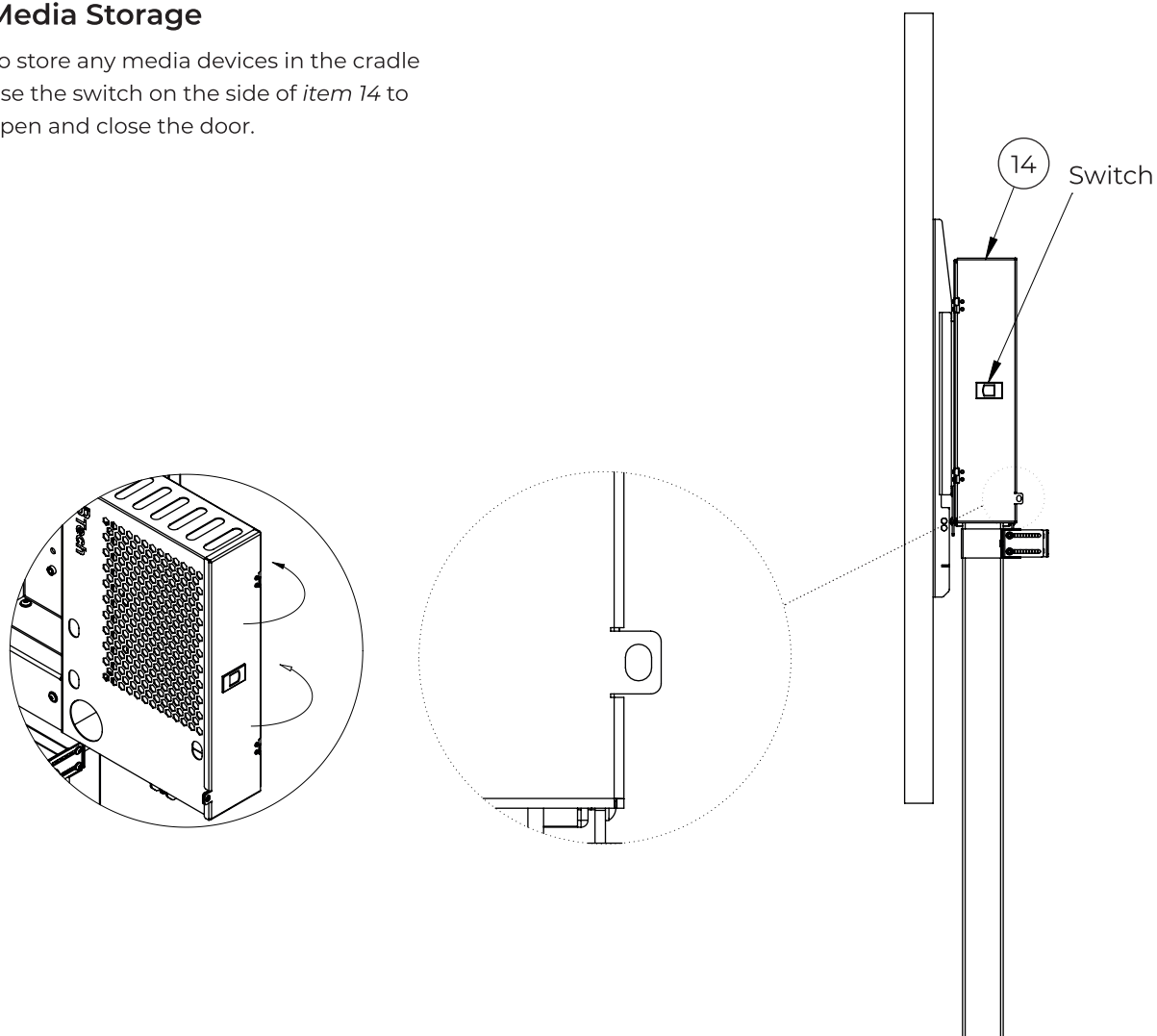
## 13. Secure Screen

Secure screen to mount by tightening the locking screws on the bottom of *item 16*.



## 14. Media Storage

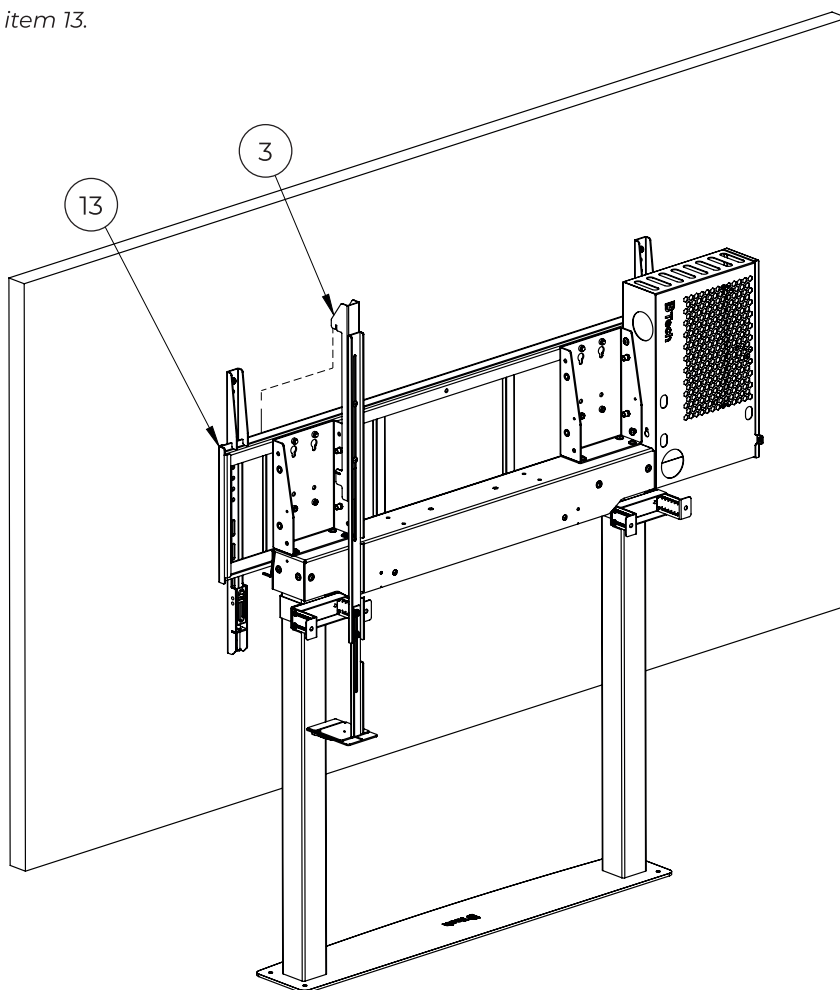
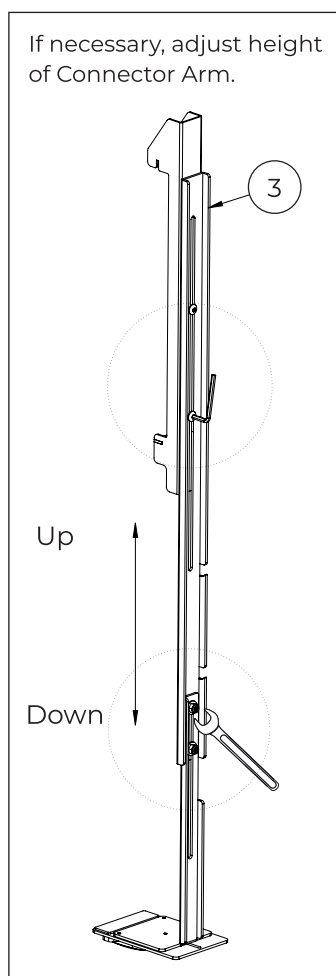
To store any media devices in the cradle use the switch on the side of *item 14* to open and close the door.



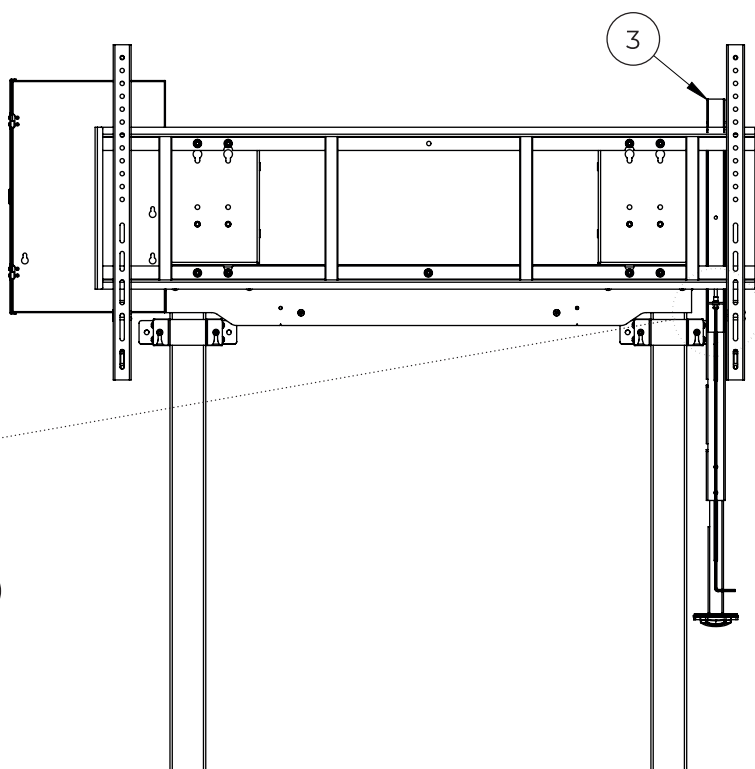
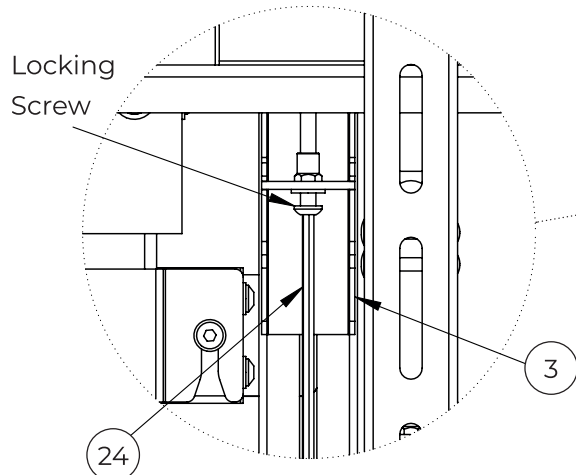
## 15. Add Controller Connector Arm Onto Stand

i. Hook *item 3* onto the rear of *item 13*.

If necessary, adjust height of Connector Arm.

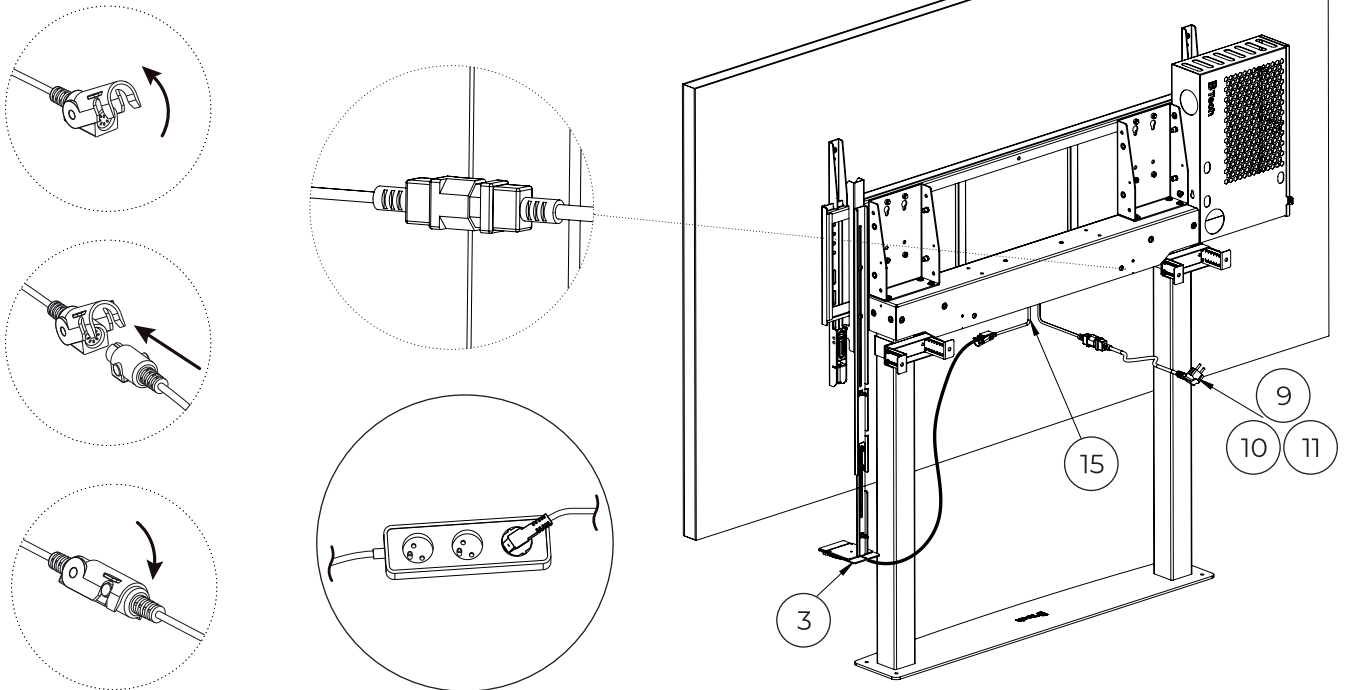


ii. Secure *item 3* in place by tightening the Locking Screw on the bottom of the Arm.



## 16. Operating Control Panel System

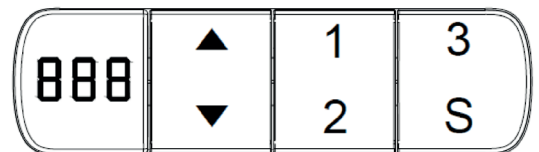
- i. Connect item 3 to item 15.
- ii. Connect item 9, 10 or 11 to item 15.



## Operating Control System

### Up and Down

1. Keep pressing **up** “▲” key until the required height is reached.
2. Keep pressing **down** “▼” key until the required height is reached.



Control Display

### Saving position

Using the memory function, the trolley can be programmed to save preferred height positions.

1. Adjust the trolley to the height you want to save.
  2. Keep pressing the “S” key until the display shows “S--”.
  3. Press “1” key, the display will alternately show “S-1” and the current height.
  4. Press “S” key, to save the “1” height position.
- Repeat procedure for setting “2” & “3” height positions.



## Troubleshooting

### Manual Reset

1. Keep pressing **down** “▼” key until the display shows “E-1” and “rES” alternately, then release the key.
2. Keep pressing **down** “▼” key again, the Trolley will move slowly down and return back till the display shows “060” or “23.6” (Depending on the version of the control box).
3. Release the key, the Stand can be used normally.

It is necessary to reset manually after the initial installation and power off.

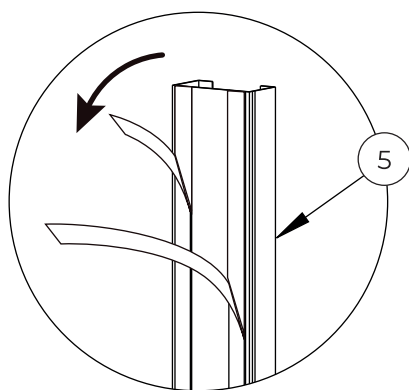
**Important:** The Anti-Collision function is not enabled during all resets. Please note that there is a potential risk of pinching in this case, and be sure no obstacles in the trolley path.

## 17. Cable Management

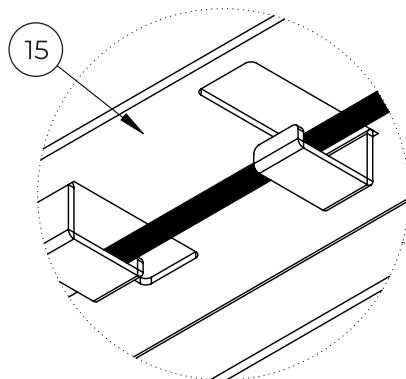
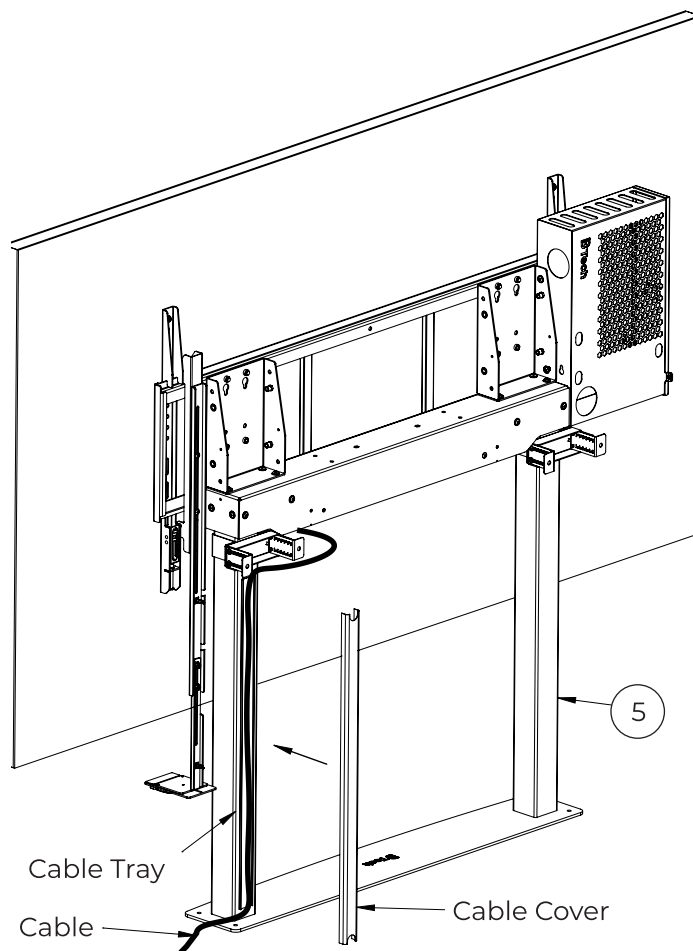
- i. Separate the cable tray and cable cover (item 5) and stick the cable tray onto a column (item 2).

**Note:** Place the cable tray at the lowest position on the column.

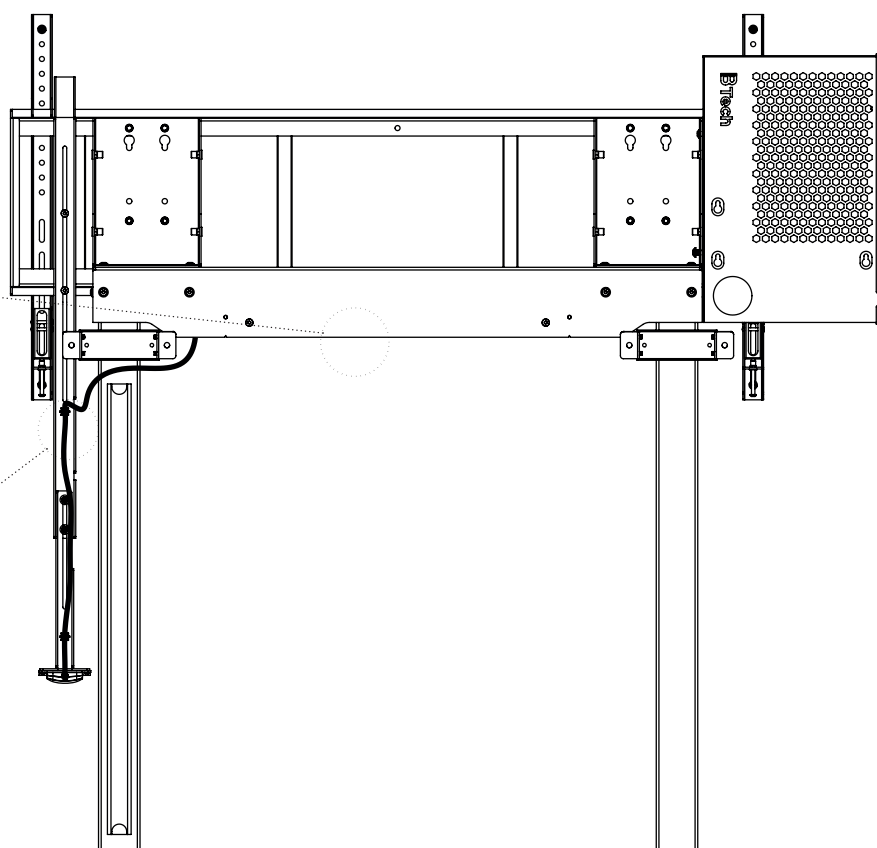
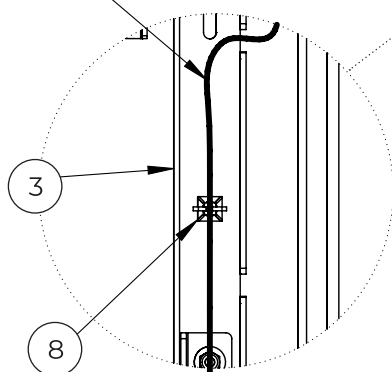
- ii. Route any cables down the tray and fix the cable cover.



Cable Tray



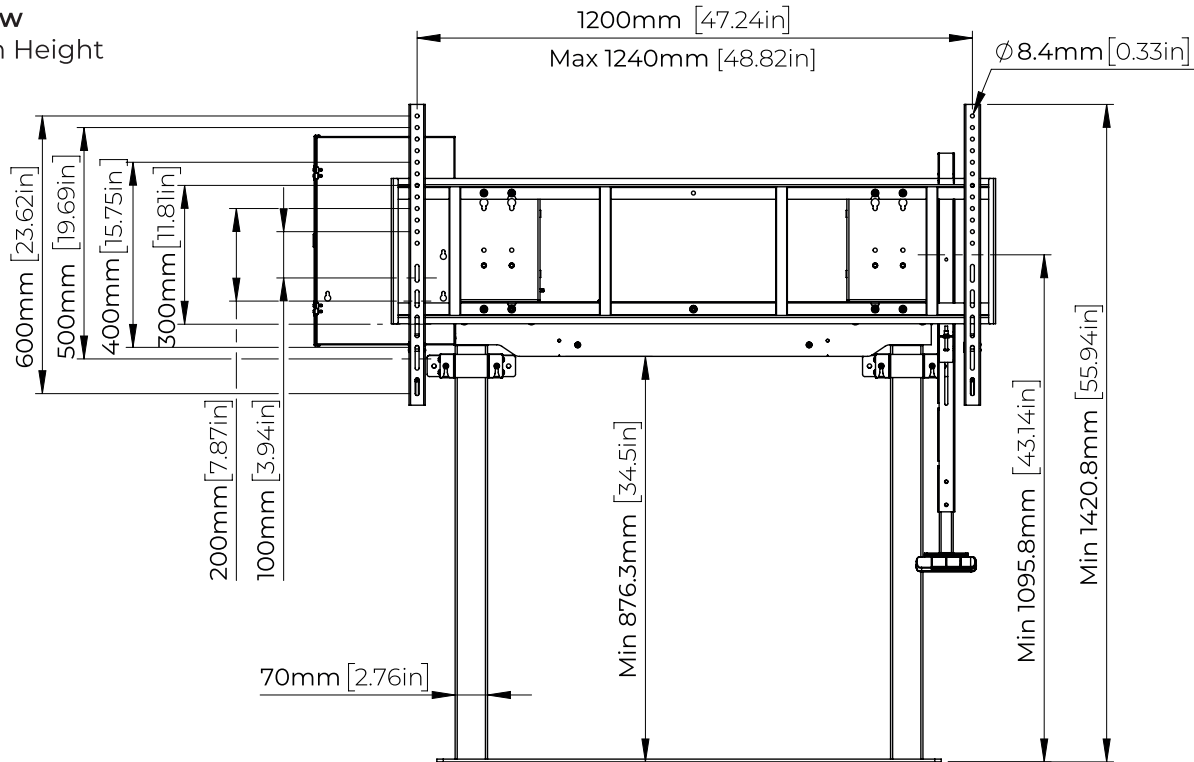
Cable



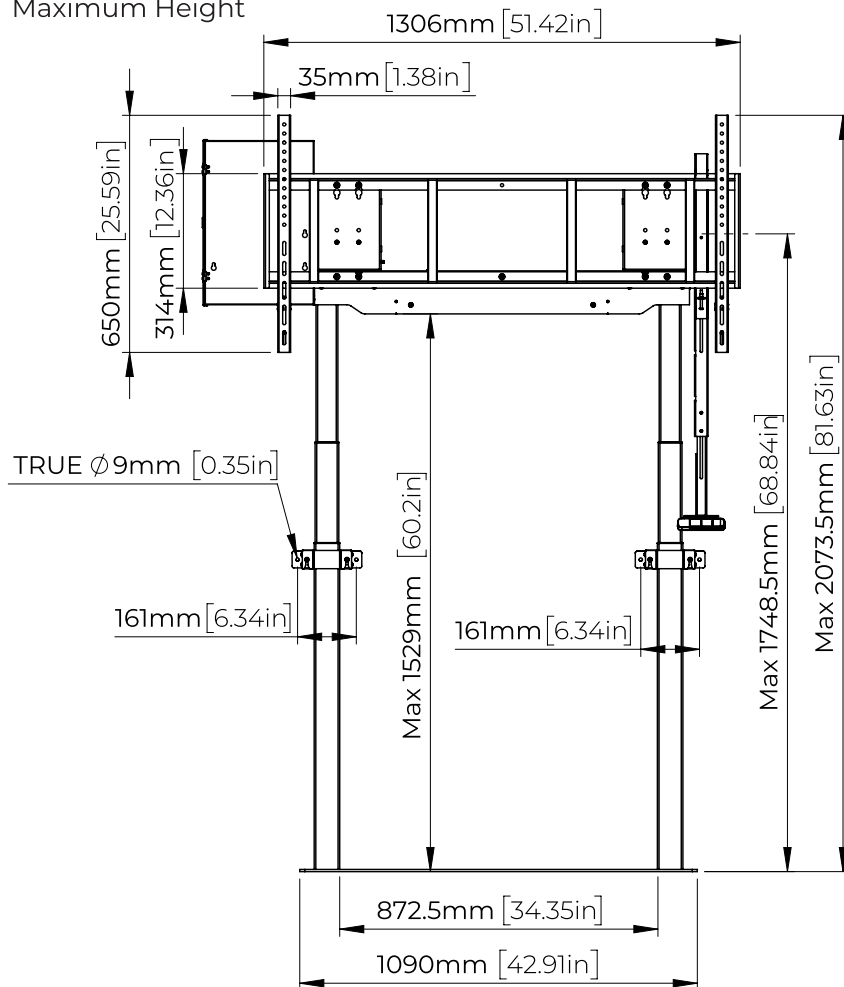
# BT8599 Dimensions

Please keep this for future reference

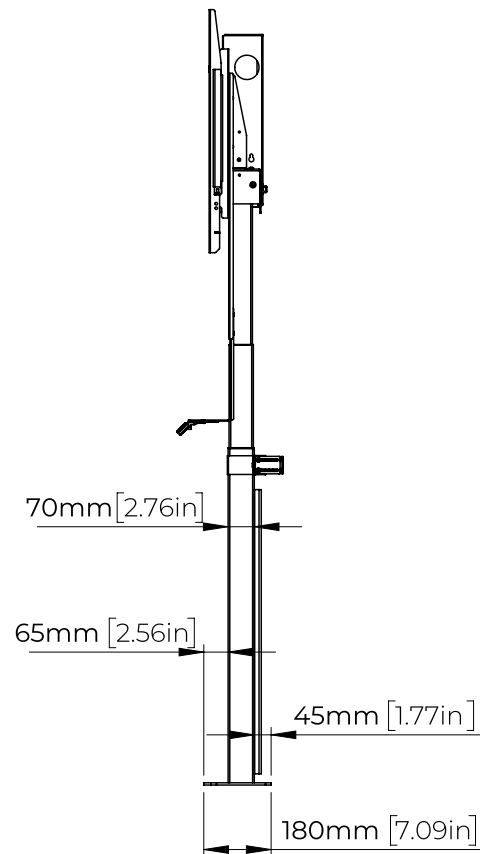
Front View  
Minimum Height



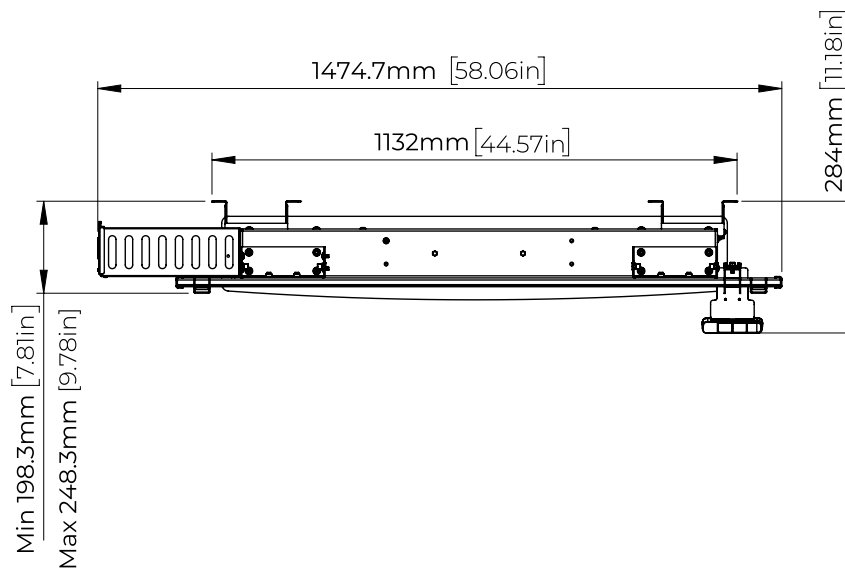
Front View  
Maximum Height



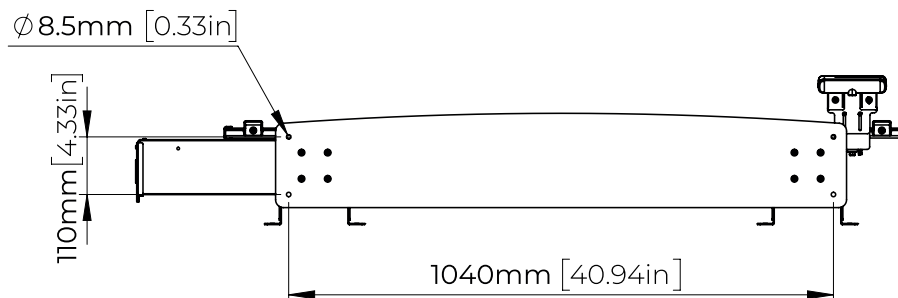
Side View



## Top View



## Bottom View



The symbol with the crossed-out wheeled bin means that electrical and electronic equipment must not be disposed of with household waste. Consumers are legally obliged to collect electrical and electronic equipment separately from unsorted municipal waste at the end of their useful life. In this way, an environmentally friendly and resource-saving recycling is ensured. Batteries and accumulators that are not firmly enclosed by the electrical or electronic device and can be removed without being destroyed must be separated from the device before it is handed over to a collection point and taken to a designated disposal facility. The same applies to lamps that can be removed from the device without destroying them. Owners of electrical and electronic devices from private households can hand them in at the collection points of the public waste disposal authorities or at the collection points set up by the manufacturers or distributors within the meaning of the ElektroG. The disposal of old devices is free of charge. Dealers with a sales area of at least 400m<sup>2</sup> are obliged to take back electrical and electronic equipment. The same applies to grocers with a total sales area of at least 800m<sup>2</sup>, provided they offer electrical and electronic equipment permanently or at least several times a year. Distance sellers with a storage area of at least 400m<sup>2</sup> for electrical and electronic equipment or a total storage area of at least 800m<sup>2</sup> are also obliged to take them back. In general, distributors are obliged to ensure that old devices are taken back free of charge by providing suitable return options within a reasonable distance. Consumers have the option of handing in an old device free of charge to a distributor who is obliged to take it back if they purchase a new device of the same value with essentially the same function. This possibility also exists for deliveries to a private household. In distance selling, the possibility of free collection when purchasing a new device is limited to heat exchangers, display devices and large devices that have at least one outer edge with a length of more than 50cm. The distributor must ask the consumer when concluding the purchase contract whether they intend to return the goods. Apart from that, consumers can hand in up to three old devices of a device type to a distributor's collection point free of charge, without this being linked to the purchase of a new device. However, the edge lengths of the respective devices must not exceed 25cm.

These instructions are intended as a guide only and B-Tech accepts no liability for the accuracy of the information contained in this document.

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