

FLAT PANEL WALL MOUNT WITH SINGLE ARM EXTENSION

THIS PACK CONTAINS:

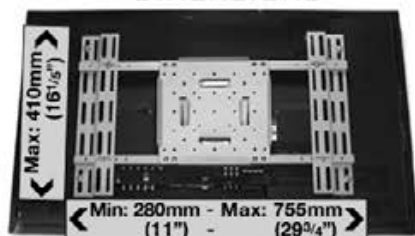
1 WALL MOUNT + 1 FLAT PANEL INTERFACE KIT

VESA MOUNTING PATTERNS

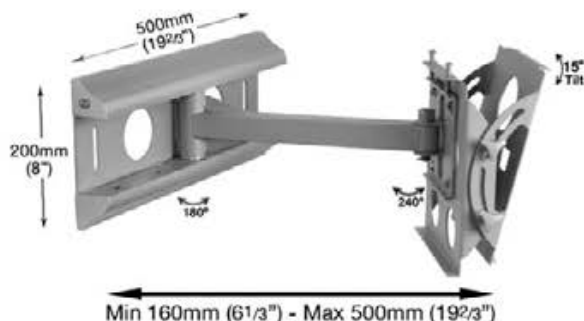
200 x 200mm, 200 x 100mm
100 x 100mm, 75 x 75mm



FLAT SCREEN INTERFACE DIMENSIONS



Dimensions indicate flat panel fixings centres.
Not overall size of bracket



*MOUNTING HARDWARE NOT INCLUDED -
PROFESSIONAL INSTALLATION ONLY

Important Safety Instructions:

Do not install this product until the instructions and warnings have been read and understood thoroughly.

Please keep these instructions for future reference.

Due to the weight of flat panel screens and their fragile nature, B-Tech recommends that a professional installer is used when mounting this bracket. If you do not understand the instructions provided, or are not sure how to install this product, please contact a professional for advice and/or to install this mount. Failure to mount this bracket correctly may lead to serious injury and/or death. Please pay careful attention to where this mount is located. Some walls are not suitable for installation. If you install this mount on drywall it must be anchored into a wood stud, concrete block or brick behind the drywall. It is not suitable for securing to steel studs or weak concrete / brick. Installing on drywall alone will not support the weight of a Plasma / LCD screen.

Ensure sufficient space and safety distance is allowed when installing this product. If installing in a public area, or over the likely path of pedestrians, this product should be mounted as far as possible from the public / pedestrians.

When drilling holes it is particularly important to take care of electrical cables, water or gas pipes in the wall.

Please consult your local hardware store for the most suitable wall screws to use for this mount.

The screen attached must weigh no more than the recommended weight of 70 Kg (150lbs).

This mount must be mounted on a wall horizontally to prevent free motion due to the weight of the screen when adjusting the position. Ensure that when installing your screen on this mount, that the correct viewing distance and angles are observed, as well as avoiding any direct or reflected glare including glare from electric lighting etc. If there is any doubt, consult the instruction manual of your screen.

Proper attention should be paid when laying the connecting cables so that they do not cause a hazard.

Pay careful attention to moving parts of the bracket, especially when assembling and adjusting, as fingers (or other body parts) may become trapped. The screen may have free motion due to its own weight. It is recommended that periodic inspections are made of the mount to ensure that there is no change to the fixings or mount.

When cleaning the mount, use dry cloth only.

B-Tech International 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 any guarantee will expire.

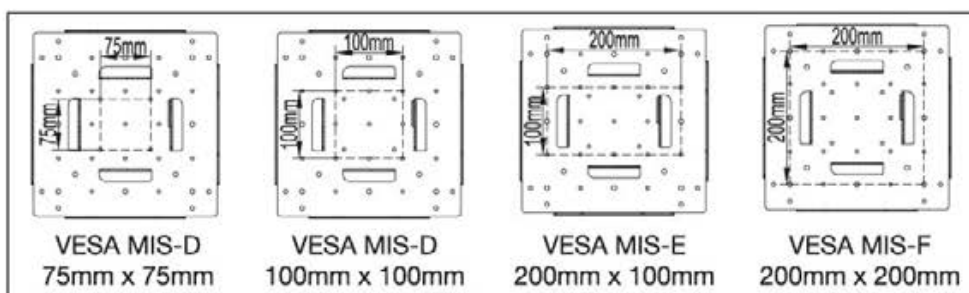
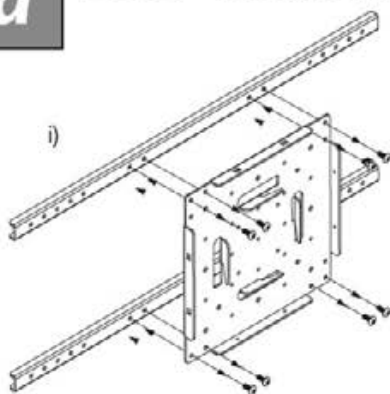
CAUTION: This wall mount is intended for use only with the maximum weights indicated. Use with heavier than the maximum weights indicated may result in instability causing possible injury



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a**LCD SCREEN VESA® MOUNTING****i) Remove Interface Arms**

For VESA mounting, the horizontal Interface Arms and the Vertical Arms are not required
(Please refer to parts list on back page).

To check if your screen is VESA standard, please consult your screen's user handbook.
To remove the Interface Arms from VESA plate, unfasten the 8 M5 x 12mm screws.

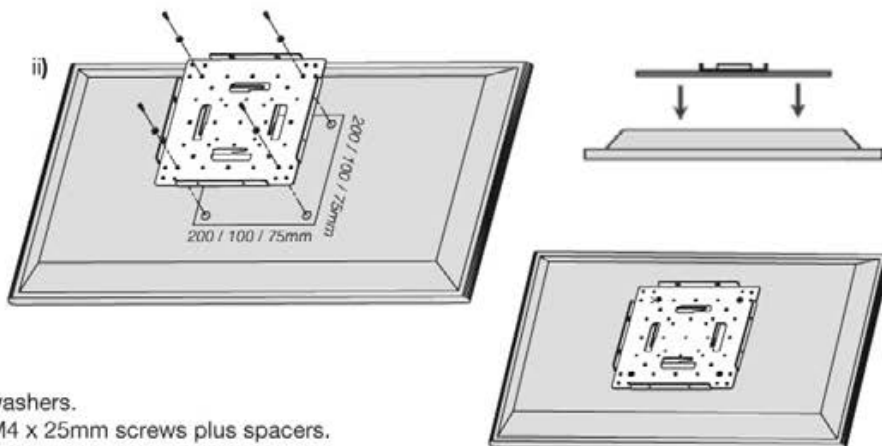
ii) Attach VESA plate to rear of screen

Depending on the VESA pattern on rear of LCD screen, fasten the VESA plate to the screen using the appropriate number of M4 x 10mm Allen screws and washers.

For screens with recessed fixings use M4 x 15mm or M4 x 25mm screws plus spacers.

For VESA Mis-F 200 x 200mm VESA pattern use the M6 x 15mm screws and washers.

For screens with recessed fixings use M6 x 25mm screws plus spacers.

**b****PLASMA AND NON-VESA® LCD SCREEN MOUNTING****i) Locate Mounting Holes**

Place the Plasma (or non-VESA LCD) screen down on the floor, table or other suitable surface (take care not to damage the screen).

Note where the mounting holes are located on the back of the casing.

On most flat screens, there are two sets of vertical parallel holes.

Ensure the VESA plate is securely fastened to the Interface Arms.

Slide the Vertical Arms onto the Interface Arms.

Do not insert screws and tighten until Step iv.

The Vertical Arms may be fitted either way round.

ii) Alignment of Interface Kit*

Place the Interface Kit on back and slide the Vertical Arms sideways over the holes on the back of the screen, making sure that the directional arrow on the VESA plate is facing up (same as the Plasma/LCD screen).

iii) Mounting Interface Kit to screen

From the comprehensive fixing kit supplied, choose the applicable screws and washers according to the mounting holes on the back of the screen (eg M4, M5, M6 or M8).

Spacers must be used where the mounting holes are recessed.

On some plasma casings, there are various high and low points.

Using the spacers provided, ensure that the VESA Plate does not press against the casing.

IMPORTANT : Always insert the screws by hand first to ensure that they are the correct thread size and to avoid cross threading. Using incorrect screws can cause permanent damage to the screen.

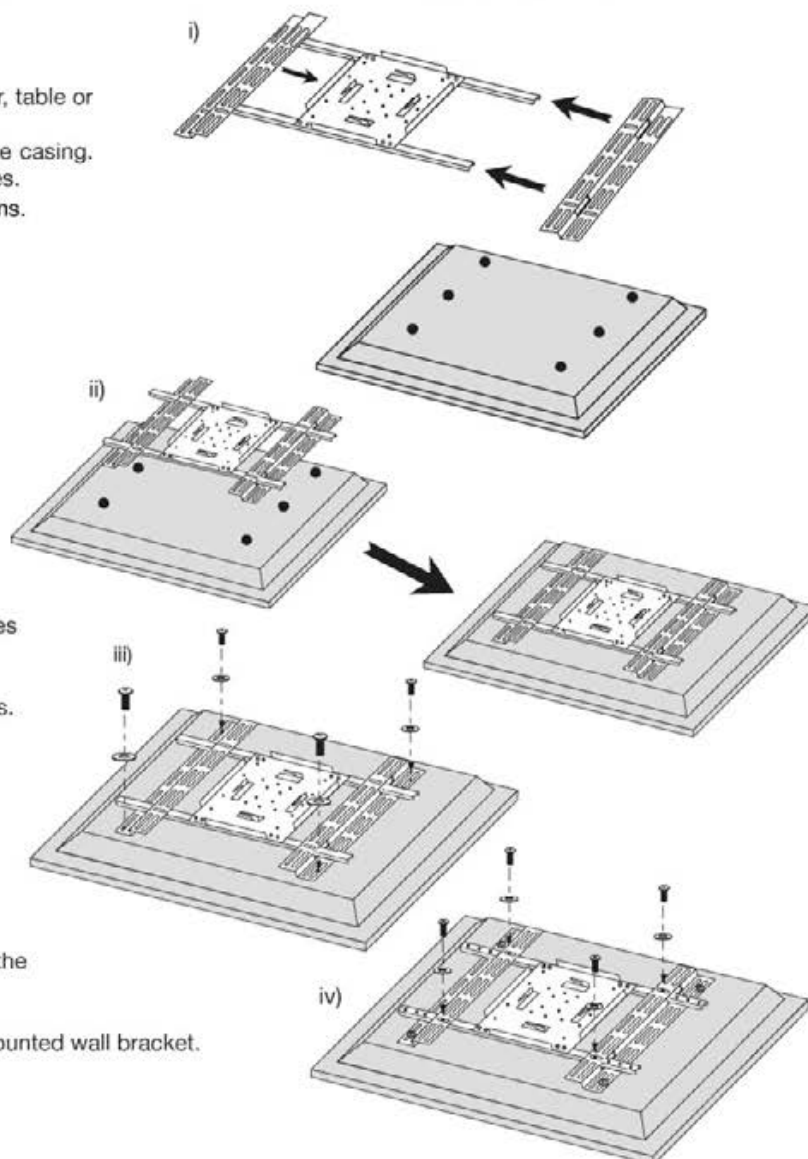
iv) Complete the Mounting

Once the Vertical Arms are secured to the back of the screen, the Vertical Arms can then be fastened to the Interface Arms.

Once the Interface Kit is secured, it is safe to hook onto the mounted wall bracket.
(see Stage 5)

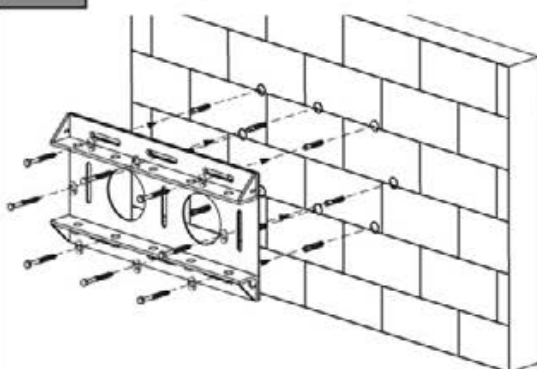
*Interface Kit = VESA Plate + Interface Arms

Please refer to Parts List on back page



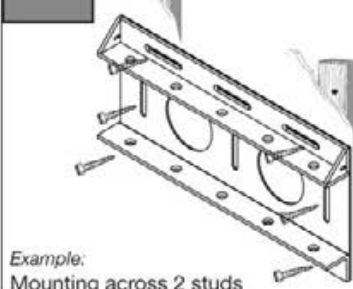
1a Choose location for Wall Bracket

Wall fixings not included*



Depending on the wall (e.g. concrete wall), it is necessary to drill suitable dowel/wall plug holes beforehand. Hold the wall plate against the wall (with the label including directional arrow facing towards you and upwards) and mark through the desired position for where to drill the holes. Screw locations and quantities are for illustrative purposes only and not all wall fixing screws may have been shown. Distribute screws as evenly as possible to spread the load. The bracket should be mounted to a concrete/brick wall or stud wall (1b - a "stud locator"). If the only location is a concrete / brick wall, then it will be necessary to use suitable anchors. Holes are provided on the plate for feeding connecting cables through (only applicable when mounted on drywall). If you are unsure about mounting this product, please consult with a professional installer.

1b



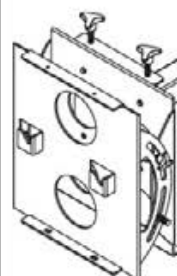
Example:
Mounting across 2 studs

**Installer must satisfy themselves that the wall fixings used are suitable to support heavy loads.*

2

Mount Arm to Wall Bracket

Choose 1 of 5 mounting positions for arm. Select the most suitable mounting hole according to the location of the wall bracket.

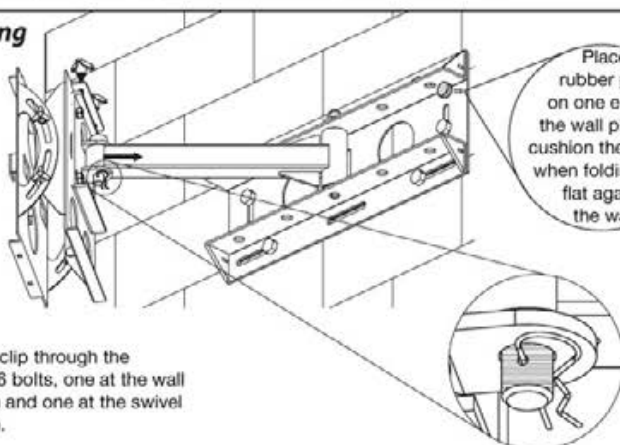


Insert bottom taper bearing into desired lower mounting hole before mounting arm.

Once arm is in place tighten top taper bearing by hand, then use supplied spanner to fully tighten. Add the M20 lock nut on the top bearing and fully tighten.

3

Insert Spring Clips and add rubber pad

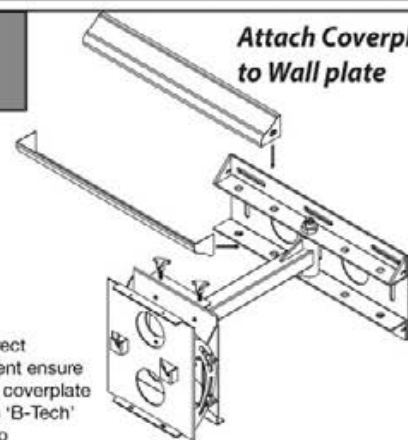


Attach a spring (R) clip through the bottom of both M16 bolts, one at the wall bracket connection and one at the swivel bracket connection.

Place rubber pad on one end of the wall plate to cushion the sound when folding arm flat against the wall.

4

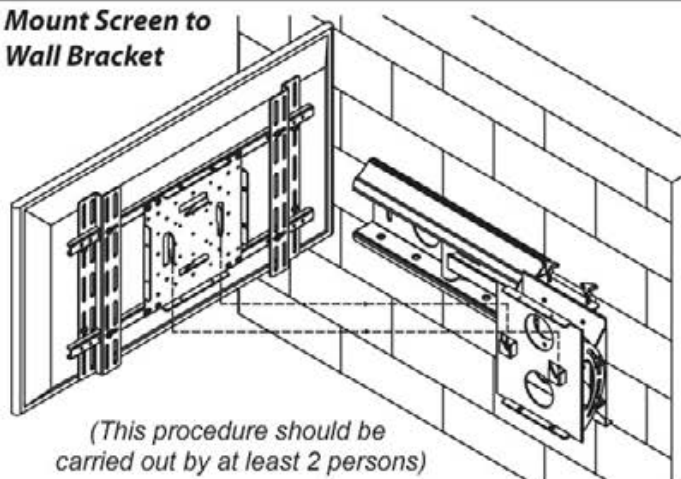
Attach Coverplates to Wall plate



For correct placement ensure that the coverplate with the 'B-Tech' is on top

5

Mount Screen to Wall Bracket



(This procedure should be carried out by at least 2 persons)

6

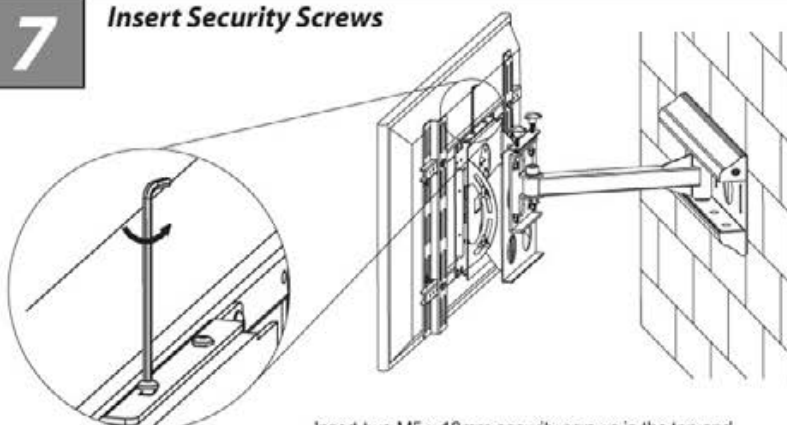
Adjust Tilt



Slightly loosen the thumbwheel tension to adjust tilt (hold screen top and bottom). Tighten thumbwheels to fix tilt position.

7

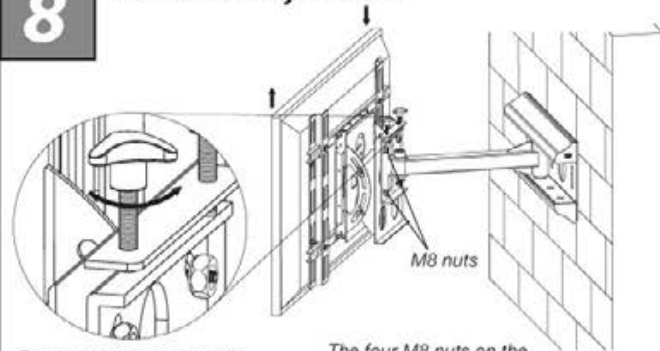
Insert Security Screws



Insert two M5 x 12mm security screws in the top and two screws in the bottom of the Interface bracket.

8

Horizontal Adjustment



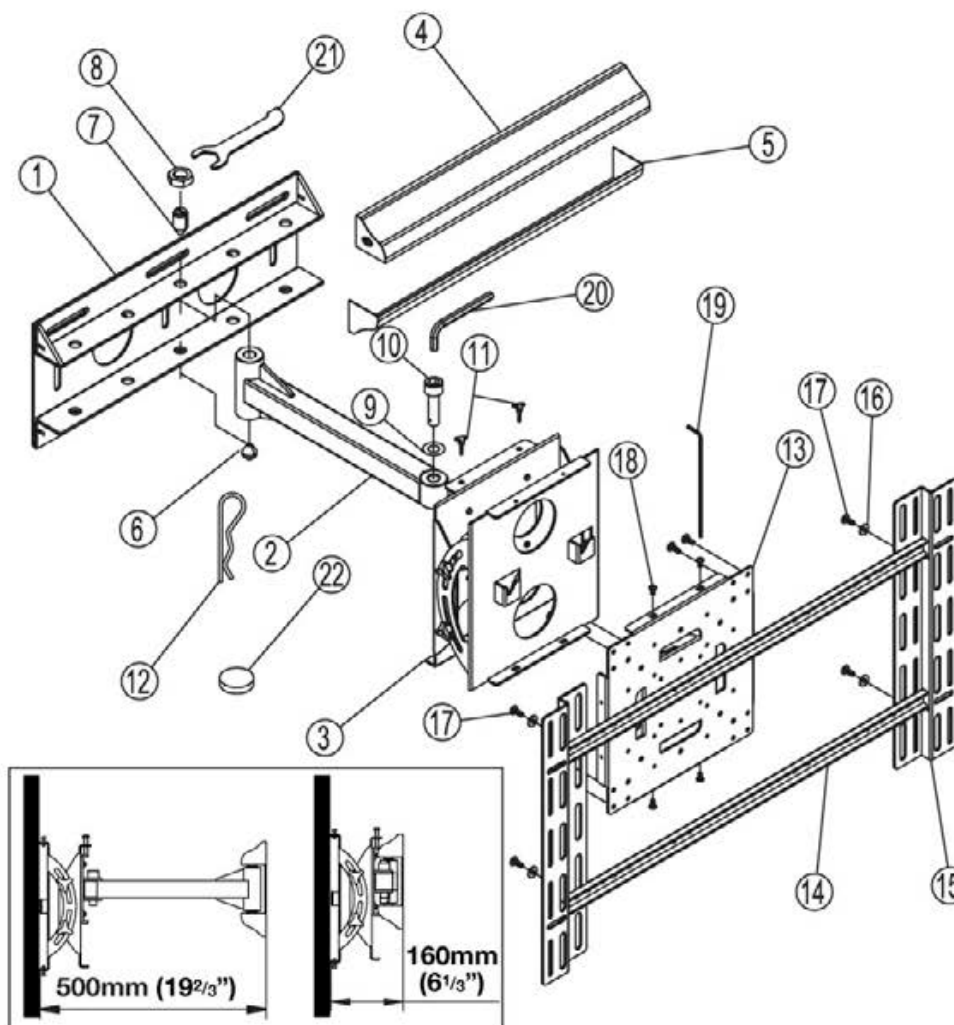
For a level presentation of screen, adjust the left or right thumbwheels on top of the Tilt bracket.

The four M8 nuts on the back of the Tilt bracket must be loosened before horizontal adjustment and then re-tightened.

BT8413

FLAT PANEL WALL MOUNT WITH SINGLE ARM

THIS PACK CONTAINS 1 FLAT PANEL WALL MOUNT.



PART NUMBER	PART NAME	QUANTITY
1	WALL PLATE	1
2	SWIVEL ARM	1
3	TILT BRACKET	1
4	TOP COVER PLATE - WITH LOGO	1
5	BOTTOM COVER PLATE	1
6	BOTTOM TAPER BEARING	1
7	TOP TAPER BEARING	1
8	M20 LOCK NUT	1
9	Ø16mm Ø30mm T0.5mm WASHER	1
10	M16 x 60mm ALLEN SCREW	1
11	LEVEL ADJUST THUMB WHEEL	2
12	"R" CLIP	1
13	VESA PLATE	1
14	INTERFACE ARMS	2
15	VERTICAL ARMS	2
16	Ø1/4" Ø16mm T2.0mm WASHER	4
17	M5 x 12mm SCREW	12
18	M5 x 12mm SECURITY ALLEN SCREW	4
19	M4 SECURITY ALLEN KEY - L200mm	1
20	M14 ALLEN KEY	1
21	SPANNER	1
22	RUBBER PAD	1

SCREEN FIXING KIT

FIXING KIT SIZE	SCREW			WASHER	SPACER		ALLEN KEY
M4	10mm	15mm	25mm	Ø12mm T1.0mm	L3mm	L15mm	M2.5 - L55mm
	 10 pcs	 6 pcs	 6 pcs	 10 pcs	 6 pcs	 6 pcs	 1 pc
M5	12mm	20mm	30mm	Ø16mm T2.0mm	L12mm		
	 8 pcs	 6 pcs	 4 pcs	 8 pcs	 6 pcs		
M6	16mm		25mm		 8 pcs	L9.5mm	
	 6 pcs		 6 pcs	 6 pcs		 6 pcs	
M8	15mm	25mm	40mm	Ø19mm T2.0mm	L13mm	L25mm	
	 6 pcs	 4 pcs	 4 pcs	 6 pcs	 4 pcs	 4 pcs	