INVISION®

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Invision MX900
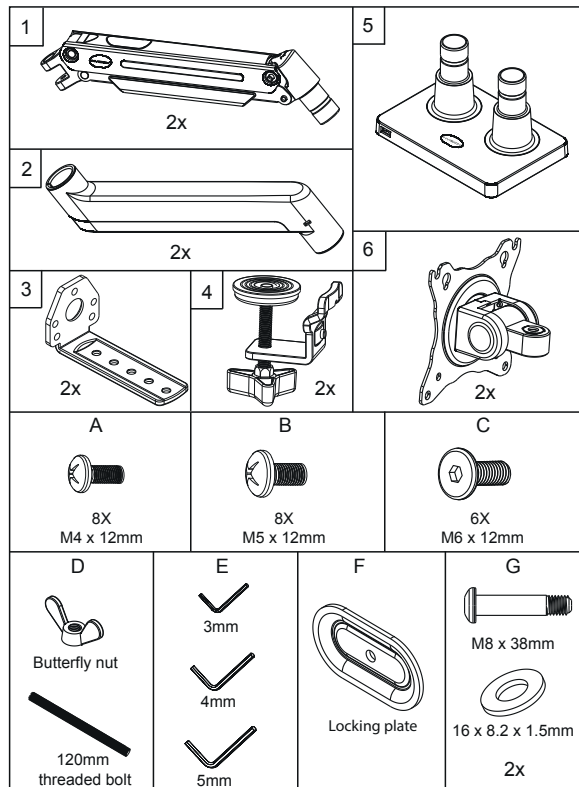### Ergonomic Gas Assisted Dual Monitor Arm
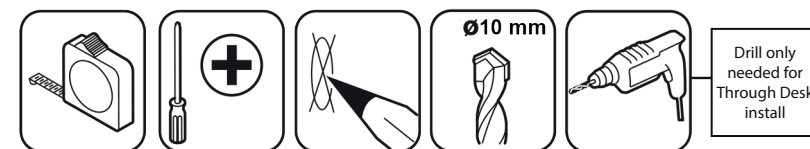*Instruction Manual*

VESA Compliance 75x75mm & 100x100mm
Recommended Screen Sizes 24" - 35"
Integrated Cable Management
Load Capacity 2 - 15kg (4.4 - 33lbs)

To receive large format PDF instructions please email help@InvisionTechnology.co.uk

Parts List:

1 — 2x	5
2 — 2x	6
3 — 2x	4 — 2x	2x
A — 8X M4 x 12mm	B — 8X M5 x 12mm	C — 6X M6 x 12mm
D — Butterfly nut / 120mm threaded bolt	E — 3mm / 4mm / 5mm	F — Locking plate	G — M8 x 38mm / 16 x 8.2 x 1.5mm / 2x

Tools List:

Ø10 mm

Drill only needed for Through Desk install

Important:

1. Check the box contains all the items in the Parts List. Make sure to remove all internal packaging!

2. Check the screens VESA mounting measurements and monitor weight.

3. Please read the instructions fully and plan how to mount your monitor.

4. You may need additional tools: A drill will only be needed if you are bolting it through a desk, the screwdriver is used for attaching the monitor screen to the monitor arm.

WARNING!

Severe personal injury and property damage can result from improper installation or assembly. Please read the following warning carefully before beginning.

- If you do not understand the instructions or have any concerns or questions please contact us or a competent installer.
- Do not install or assemble if the product or hardware is damaged or missing. If you require replacement parts, please contact us at Invision for assistance.
- This product fits most VESA compliant 24"-35 " LCD/monitors to a maximum weight of 15kg (33lb).
- For safe installation, the desk you are mounting it to must support minimum 3 times the weight of the total load (the mount, the monitor and all accessories weight).
- Do not use this product for other than the original design purpose.
- This product contains moving parts, please use with caution.
- When installing monitor take care not to damage electrical wiring or power source.
- Important - mains and data cables must be free from twisting and/or shearing.
- The manufacturer disclaims any liability for the modifications, improper installation or installation over the specified weight range. The manufacturer will not be liable for any damages arising from the use of, or inability to use the product.
- This product is designed for indoor use only, use of this product outdoors could lead to product failure and severe personal injury.
- This product contains a high pressure gas piston This mechanism is not user serviceable and any interference could result in injury or damage. Please dispose of with caution
- In order to ensure the performance of the gas piston it is recommended to fully extend the arm several times per month.
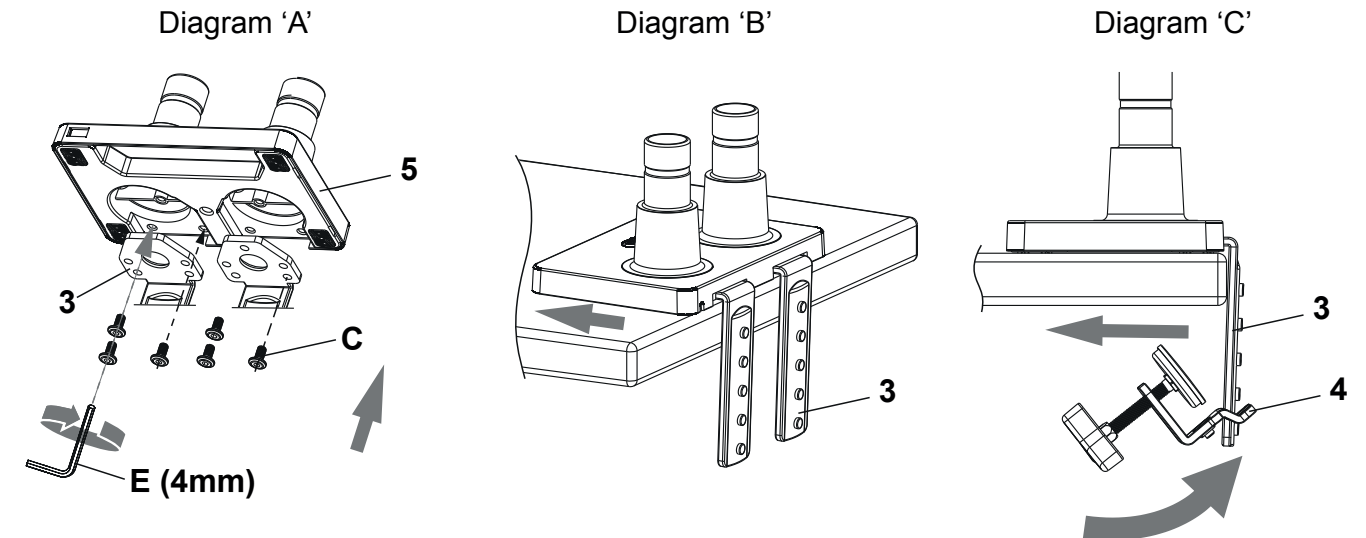
Lets Get Started!

If you require assistance please contact us at: help@InvisionTechnology.co.uk

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Letters and numbers in ( ) are referred to in the Parts List
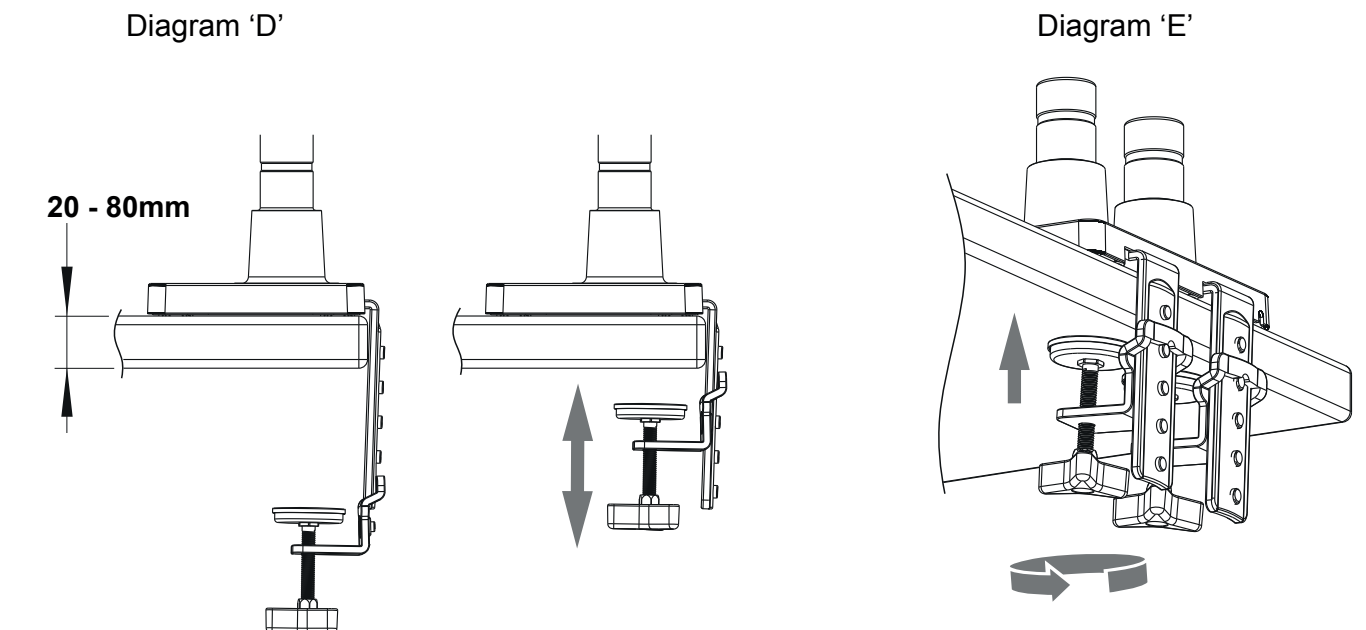
1a. Clamp Installation

1. Secure clamping plates (3) to base (5) with bolts (C) using 4mm Allen key (E) and tighten – see Diagram 'A'.

2. To set the clamp to the correct height for your desktop/work-surface add the monitor base assembly to the edge of your desk (use the front of your desk for now if it makes it easier) - see Diagram 'B'.

3. Slide clamp (4) over clamping plate (3). Repeat with the 2nd clamp and clamping plate – see Diagram 'C'.

Diagram 'A'   Diagram 'B'   Diagram 'C'

E (4mm)

4. Measure the thickness of your desk, adjust the height of your clamps so when tightening the clamps have enough thread on them to secure to desktop – see Diagram 'D'.

5. Secure base assembly to the desktop making sure base is in full contact with the face of the desktop and cables run through the back of the base – see Diagram 'E'.

Please note:
If you are mounting heavy screens on this monitor arm please evaluate the desktop/ work-surface you are mounting it to. (Example: Wooden surfaces like chipboard or MDF are compressed high density boards and are less likely to cause marks or indentations. Natural wooden surfaces are softer (not compressed) so you may consider adding protection.

Diagram 'D'   Diagram 'E'
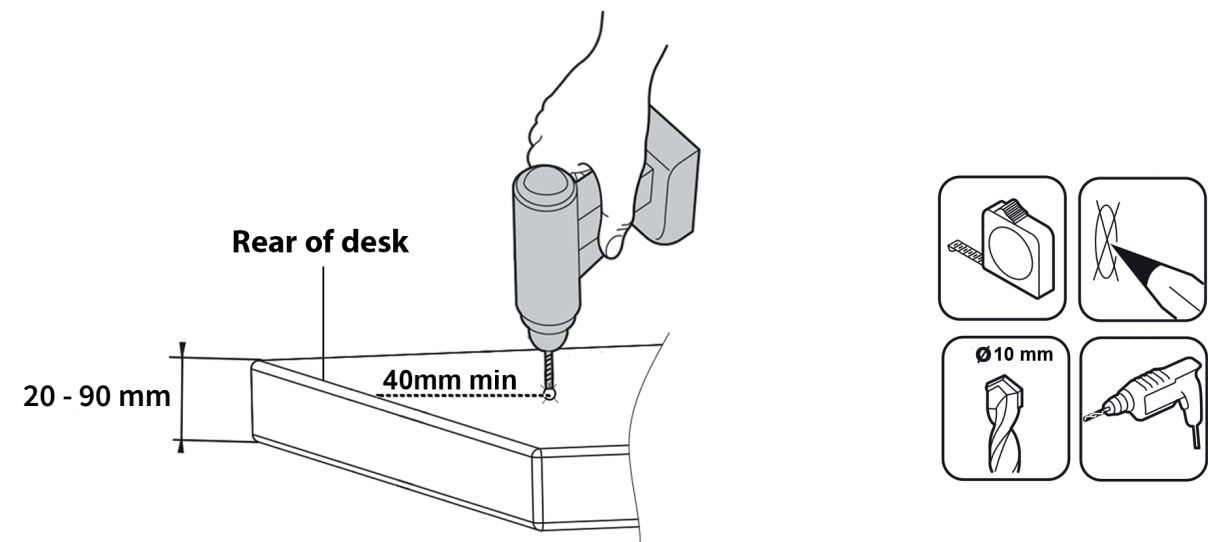

20 - 80mm

v20230323

1b - Through the Desk Installation

1. Locate and position where you want the monitor arm base to sit on your desktop/work-surface. 40mm minimum is needed from the rear of the desk so the monitor arm base makes full contact with the desktop/work-surface - see Diagram 'F'.

2. Measure and mark out with a pencil where you want the hole and drill the hole using a 10mm drill bit.

Please note: If you are mounting heavy screens on this monitor arm please evaluate what desktop/work-surface you are mounting it to. (Example: Wooden surfaces like chipboard or MDF are compressed high density boards and are less likely to cause marks or indentations. Natural wooden surfaces are softer (not compressed) so you may consider adding protection.

Diagram 'F'

Rear of desk

20 - 90 mm

40mm min

Ø10 mm

3. Fix the threaded bolt (D) to monitor arm base with 4x full turns - see Diagram 'G'.

4. Pass the threaded bolt through the hole made in the previous step and add locking plate (F) and butterfly nut (D) and tighten - see Diagram 'H'.
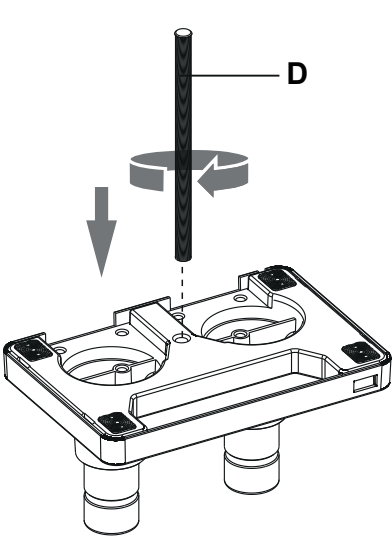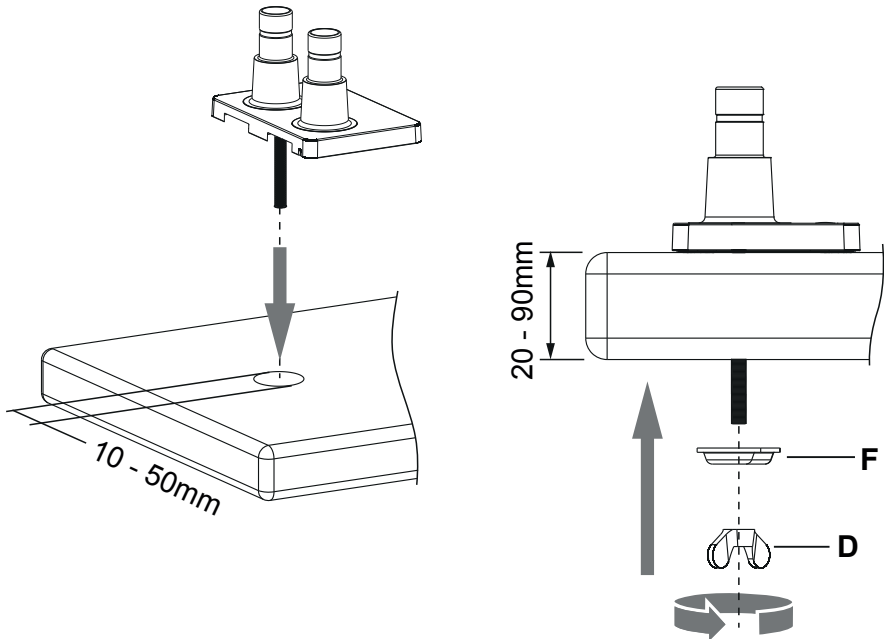
Diagram 'G'

Diagram 'H'

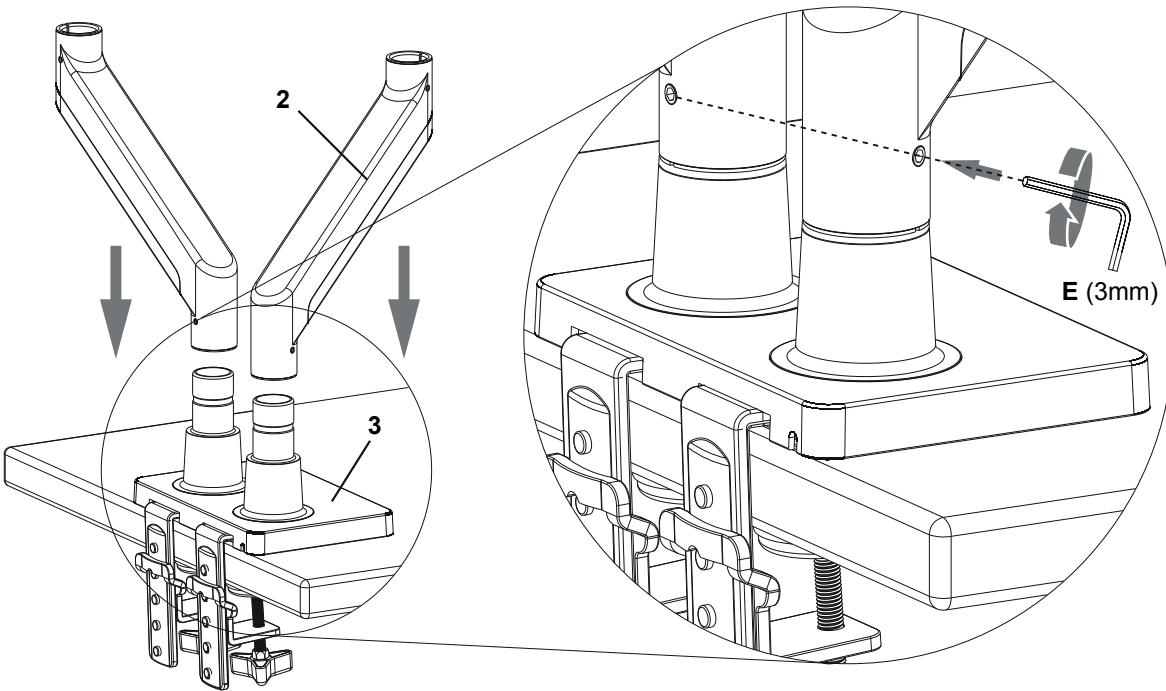D

10 - 50mm

20 - 90mm

F

D

2 - Monitor Arm Assembly

1. Take the lower arm (2) and slide the female connector onto the male connection on the monitor base (3) making sure it is fully inserted (please ensure you have this the correct way up) - see Diagram 'I'.1.

Use the 3mm Allen key (E) and tighten the grub screw to secure the lower arm.
Repeat with the second lower arm.

NOTICE: Do not over tighten the grub screw. This is only intended to stop the arm from being separated and is not used to restrict rotation.
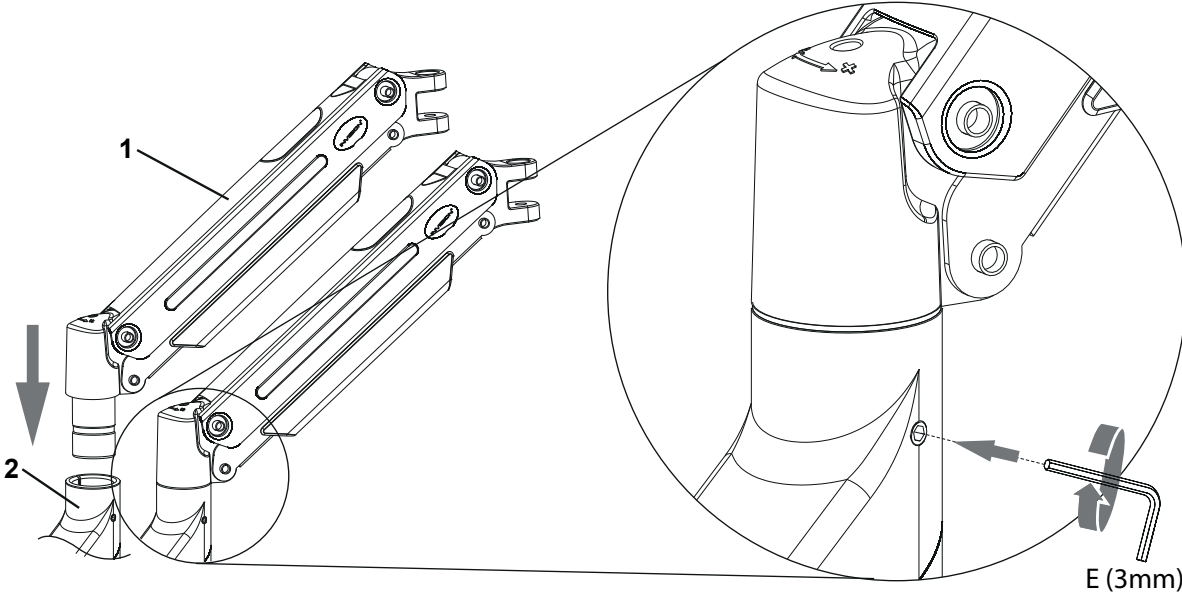
Diagram 'I'

2

3

E (3mm)

Take the upper arm (1) and slide the male connector into the female connection on the lower monitor arm (2) making sure it is fully inserted - see diagram 'J'. Use the 3mm Allen key (E) and tighten the grub screw to secure the upper arm. Repeat with the second upper arm.
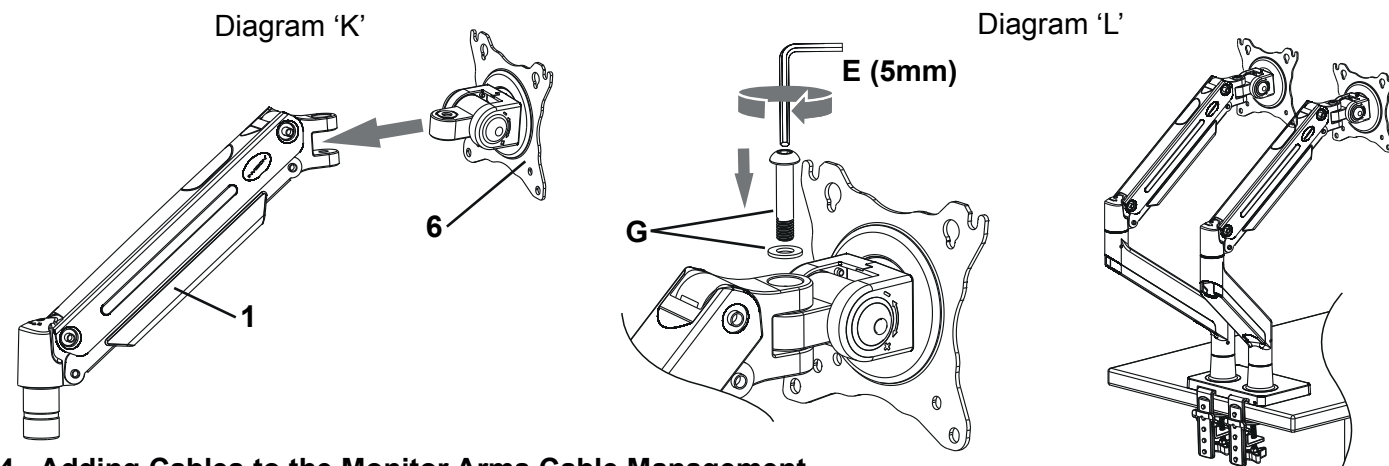
NOTICE: Do not over tighten the grub screw. This is only intended to stop the arm from being separated and is not used to restrict rotation.

Diagram 'J'

1

2

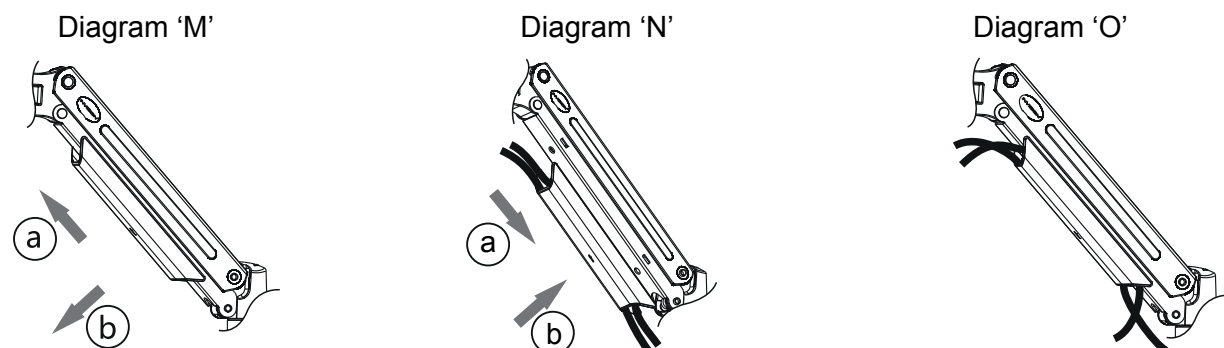E (3mm)

3 - Attaching Face Plate to Monitor Arm

1. Take the face plate (6) and slot the face plate connector between the prongs located on the upper arm (1) making sure the holes are aligned - see Diagram 'K'.

2. Use bolt and washer (G) to secure face plate to upper arm and use 5mm Allen key (E) to tighten - see Diagram 'L'. Repeat with the second upper arm.

Diagram 'K'

Diagram 'L'

E (5mm)

G

6

1

4 - Adding Cables to the Monitor Arms Cable Management

If you are using cables to connect your monitor to your PC please ensure you have enough cable length to travel the distance between your equipment before installation.
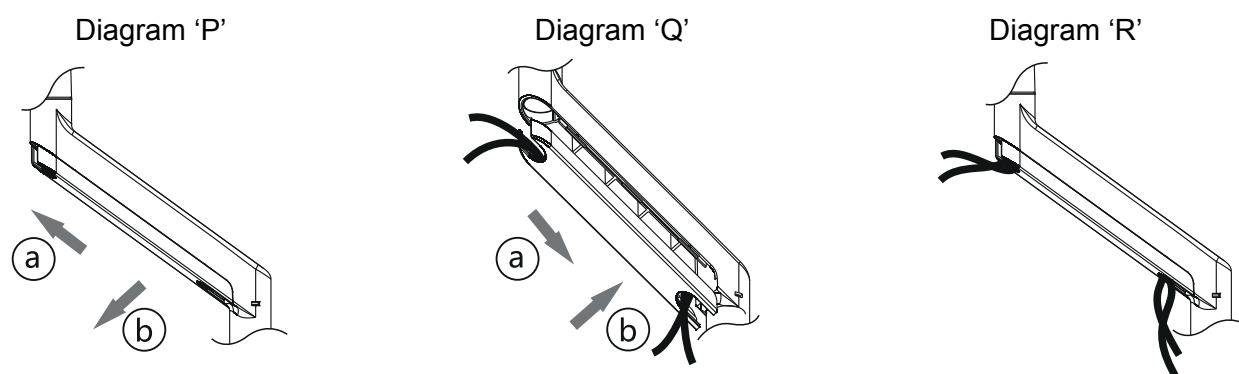
1. Apply pressure to the upper arm cable management tray and slide it upwards in the direction of arrow ⓐ then move it in the direction of arrow ⓑ to remove it from the notches in the arm - see Diagram 'M'.

2. Add cables as shown in Diagram 'N' ensuring there is enough slack to connect the cables to your monitor.

3. Replace the cable management tray into the notches in the arm in direction of arrow ⓑ then slide it downwards in the direction of arrow ⓐ - see Diagram 'N' until it clicks into place - see Diagram 'O'. Repeat with the second monitor arm.
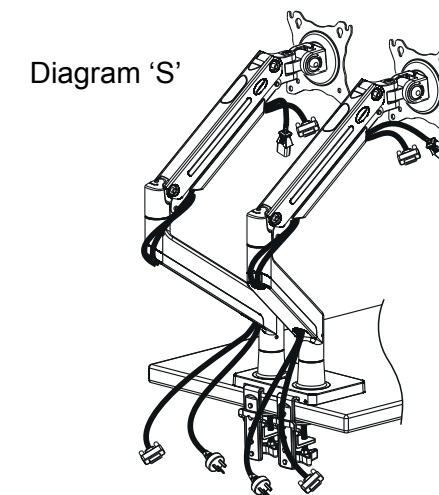
Diagram 'M'

Diagram 'N'

Diagram 'O'

ⓐ

ⓑ

ⓐ

ⓑ

4. Apply pressure to the lower arm cable management tray and slide it upwards in the direction of arrow ⓐ then move it in the direction of arrow ⓑ to remove it from the notches in the arm - see Diagram 'P'.

5. Add cables as shown in Diagram 'Q' ensuring there is enough slack between the upper and lower arms and your equipment.

6. Replace the cable management tray into the notches in the arm in direction of arrow ⓑ then slide it downwards in the direction of arrow ⓐ - see Diagram 'Q' until it clicks into place - see Diagram 'R'. Repeat with the second monitor arm.

Diagram 'P'

Diagram 'Q'

Diagram 'R'

ⓐ

ⓑ

ⓐ

ⓑ

7. Once the cables are fitted into the cable management trays step 4 (1-6) tidy up the cables - see Diagram 'S'.
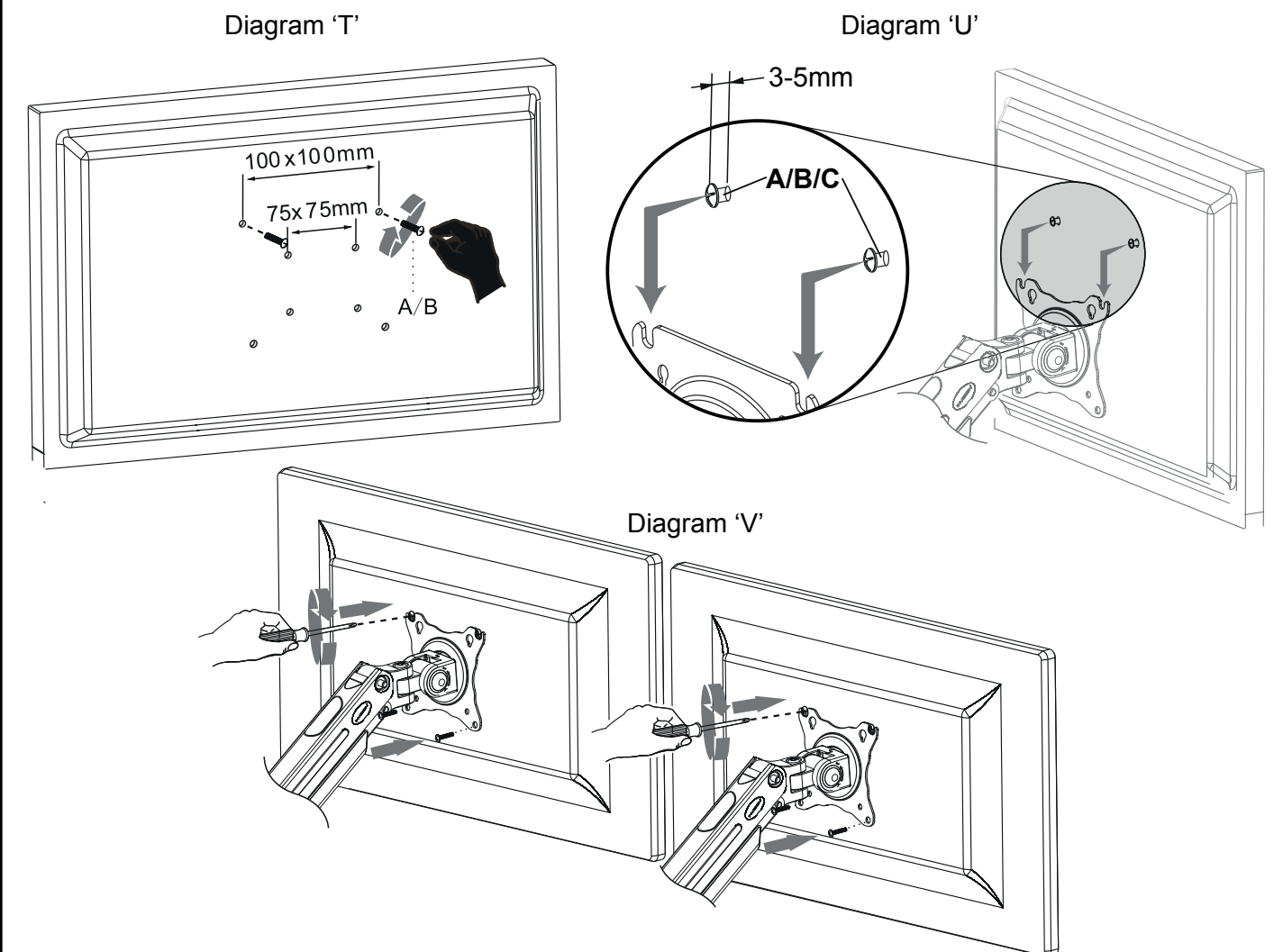
Diagram 'S'

5 - Mounting the Monitor

1. Check the monitors VESA by measuring the distance between the mounting holes on the back of the screen - this is where either bolts A or B will fit - see diagram 'T'.

2. Screw 2 bolts into the top two holes on the back of the monitor using either bolts A or B and tighten in 3 turns leaving room between the bolt head and rear of screen for hanging the monitor (3-5mm) - see Diagram 'U'.

Please note: Recessed monitors may require a combination of bolts, washers and spacers.

3. Carefully lift monitor and hang onto the face plate.

4. Fit the bottom 2 bolts into the face plate and tighten all the bolts see Diagram 'V'.

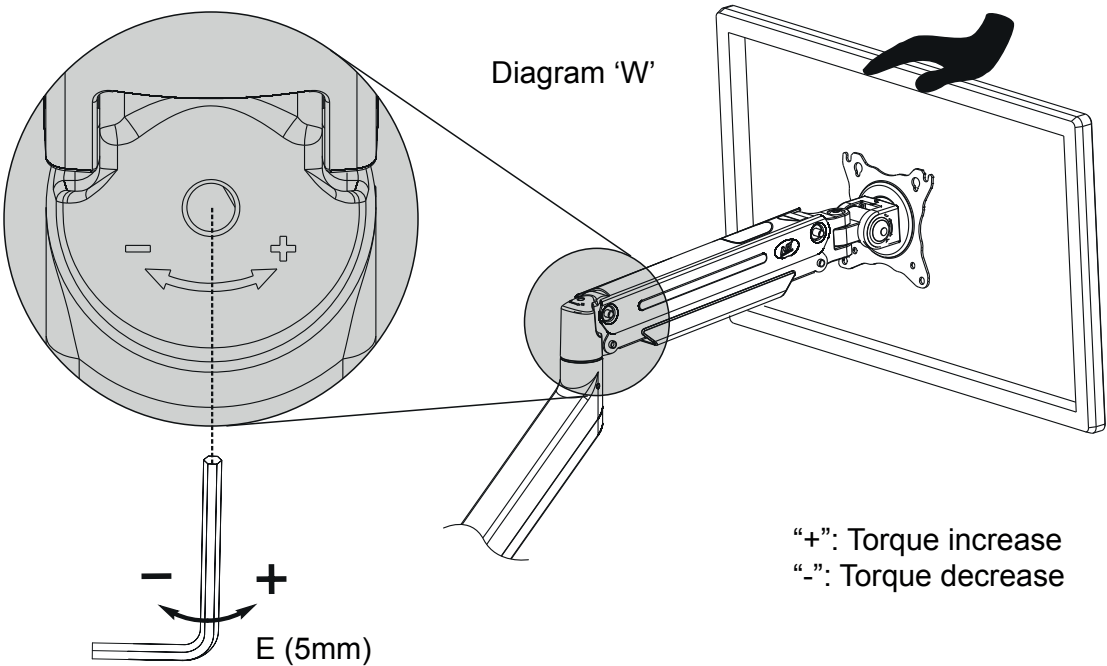**Please Note: Reset the torque of arm if screen moves down too easily (see Step 6).**

Diagram 'T'

Diagram 'U'

3-5mm

100 x 100mm

75 x 75mm

A/B

A/B/C

Diagram 'V'

6 - Using Your Invision MX900 Ergonomic Monitor Arm

Setting the tension of the monitor arm to balance the weight of the monitor

Once fitted the screen may raise or lower depending on the monitors weight. From minimum tension to maximum tension there are 22x full rotations. When adjusting make one full turn of the Allen key and check by depressing the upper arm to see if the monitor is balanced evenly.

1. If the screen moves upwards of its own accord then adjust the tension using the 5mm Allen key (E) and wind the set screw in the minus direction (clockwise).

2. If the screen moves downwards of its own accord then adjust the tension using the 5mm Allen key (E) and wind the set screw in the plus direction (anti-clockwise).

Continue to adjust until the monitor weight feels equal to the tension of the monitor arm. It should hold in place when positioning the monitor and not raise or lower of its own accord.

Diagram 'W'

"+": Torque increase
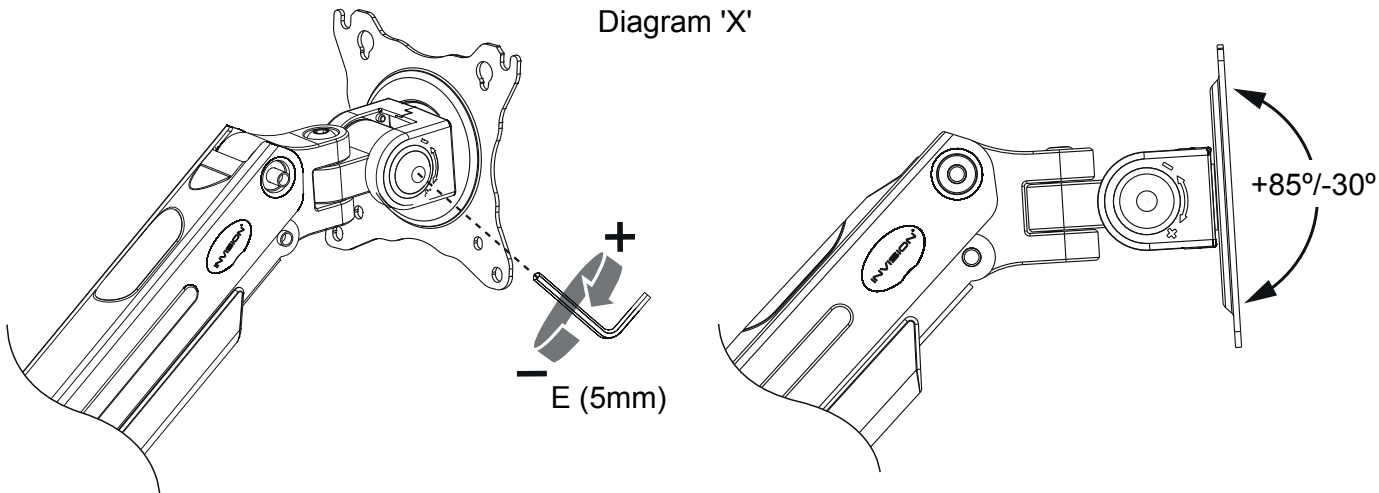"-": Torque decrease

− +

E (5mm)

7 - Adjusting the Tilt Angle

The tilt can be set to your desired viewing angle by simply moving the screen backwards and forwards by hand. If the screen moves freely you need to adjust the tension, follow the steps below.

1. To tighten the tilt adjustment use the 5mm Allen key (E) and turn the adjustment bolt in the plus direction - see diagram 'X'.

For heavier screens (9 - 15kg) the adjustment screw needs to be tightened to the maximum.
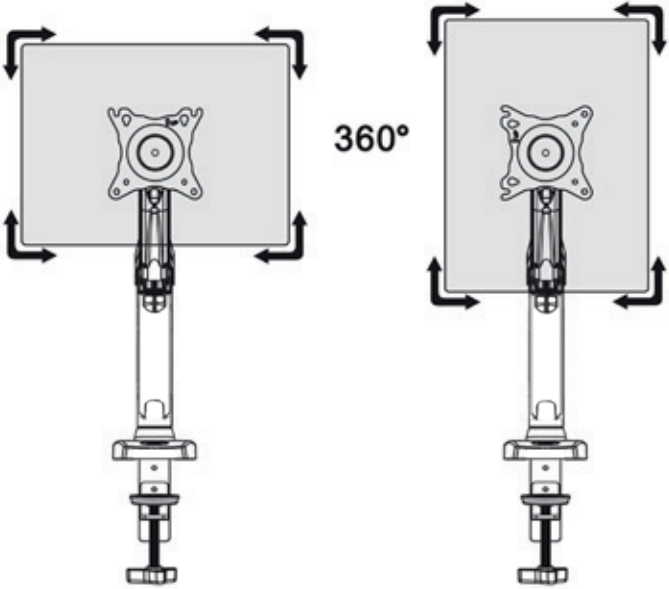
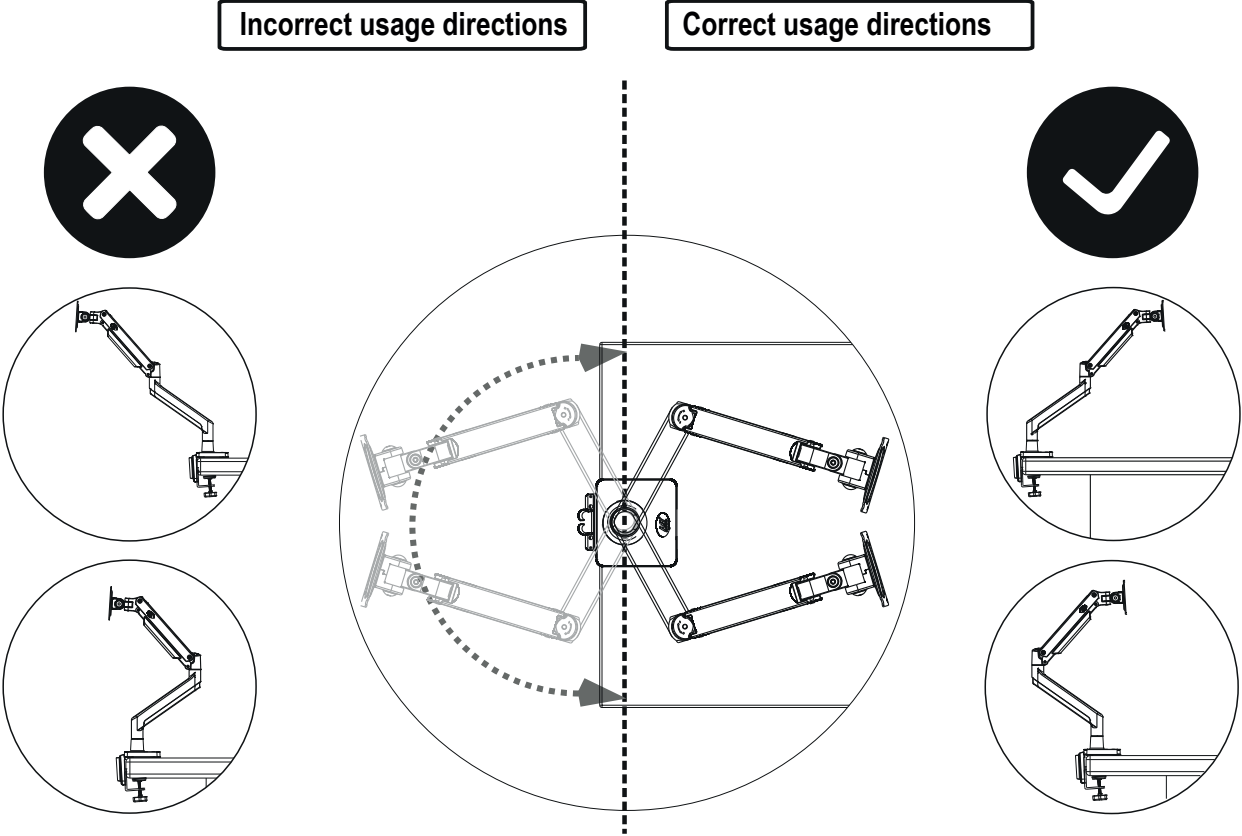Diagram 'X'

+

+85º/-30º

E (5mm)

8. Rotational Features

1. Your monitor arm allows you to rotate your screen through 360 degrees to view in portrait mode or landscape mode providing the VESA mount on your screen is central.

Please Note: Beware of trapping or breaking cables when rotating monitor.

DO NOT ROTATE MORE THAN 90 DEGREES IN EACH MOTION.

360º

IMPORTANT: Please make sure you use this product as displayed in the directions below. Failing to do so could cause injury or damage to your desktop/work-surface.

| Incorrect usage directions | Correct usage directions |

Troubleshooting:
Don't panic! In case of any issues with compatibility or for any advice on fitting, please contact our team at help@InvisionTechnology.co.uk and we will help you overcome any problems.
All of our products carry our Compatibility Promise.

Your installation is now complete - Sit back & enjoy!

To activate your 2 year warranty please email your Name, Order Number and Product Reference MX900 to warranty@InvisionTechnology.co.uk