ATDEC
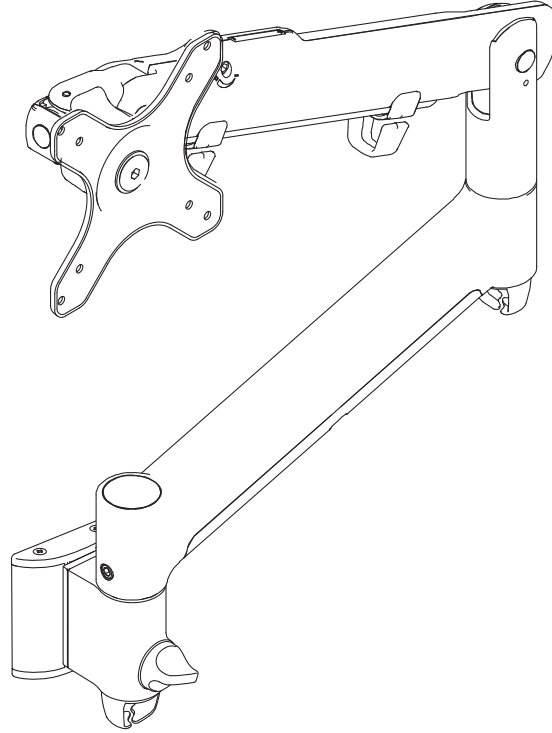Infinite
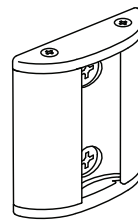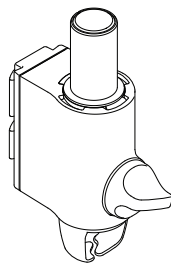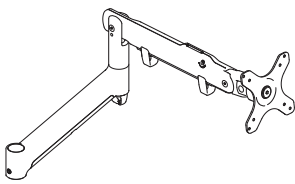Mounting
Possibilities

Installation Guide
AWMS-DW6

Dynamic Monitor Arm on Wall Mount

COMPONENT CHECKLIST

A
AWM-AD
Dynamic Arm
(x1)

B
AWM-LC
Post Clamp
(x1)

B
AWM-W6
60 Wall Channel
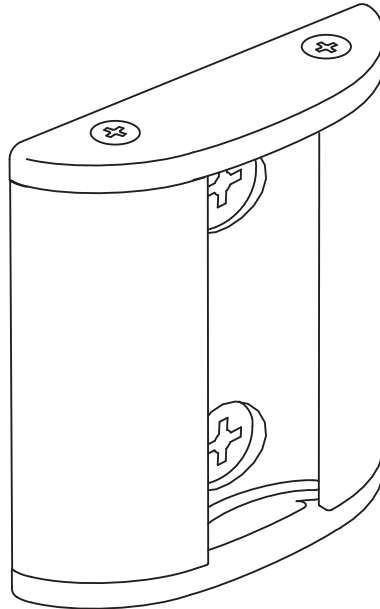(x1)

RANGE

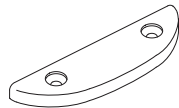## CONTENTS

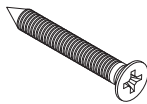# Wall Channel

COMPONENT CHECKLIST
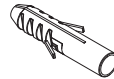
A
Wall channel
(x1)

B
Top Cap
(x1)

C
Top Cap
Screws
(x2)

D
M6 x 50mm
Countersunk
Screw (x2)

E
Nylon
Anchor (x2)

Wal

REQUIRED TOOLS
• Power Drill
• 4mm ($^5/_{32}$") Drill Bit
• 8mm ($^5/_{16}$") Drill Bit
• Phillips Head Screwdriver
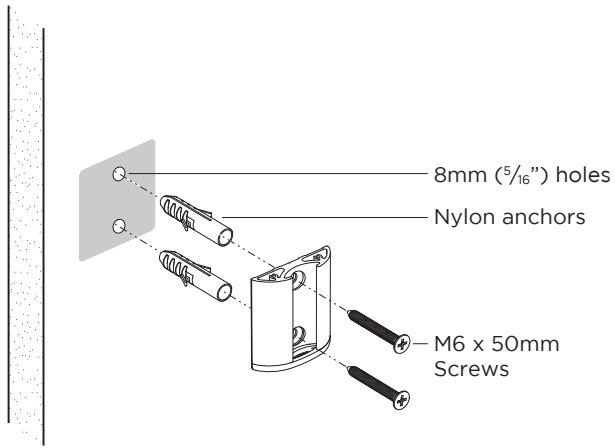
WEIGHT RANGE

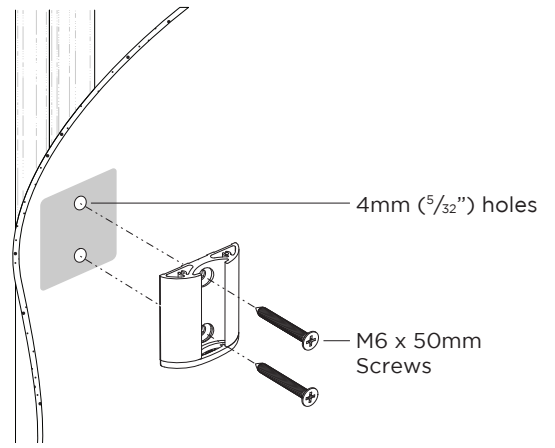0 - 12kg
(0 - 26.5lbs)
per monitor

IMPORTANT INFORMATION

! **Please ensure this product is installed as per these installation instructions.**
! This product is compatible with AWM Series products.
! The manufacturer accepts no responsibility for incorrect installation.

1. Install Wall Channel - Ensure all fasterners are installed

1.1 Masonry

8mm (⁵⁄₁₆") holes

Nylon anchors

M6 x 50mm
Screws

1.2 Timber stud

4mm (⁵⁄₃₂") holes

M6 x 50mm
Screws
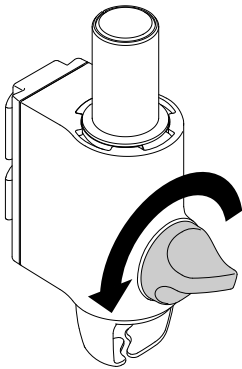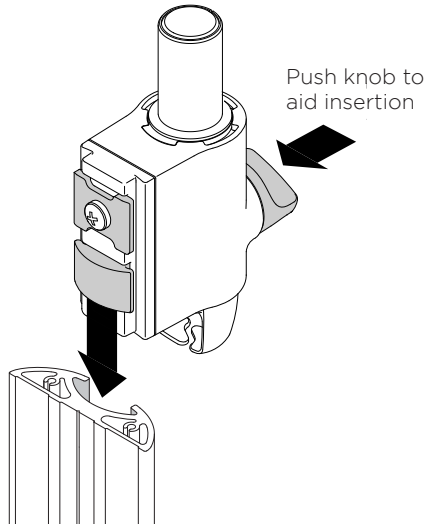
2. Fit channel clamp to wall channel

2.1 Ensure knob is undone.

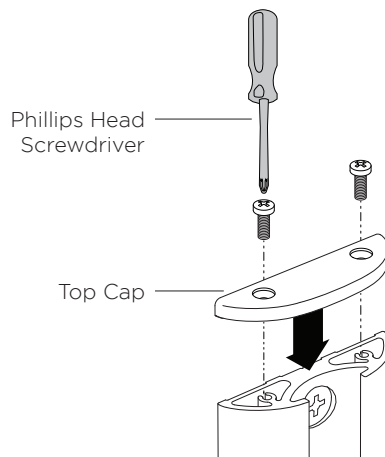**2.2** Slide clamp into channel.

Push knob to
aid insertion

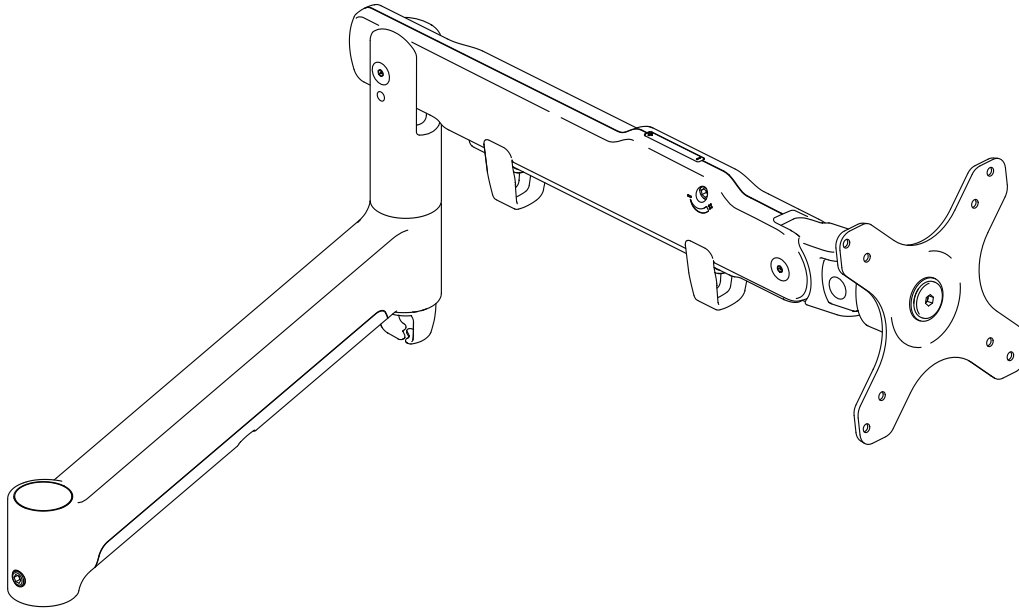**2.3** Hold clamp in desired position on post
and turn knob to lock in place.

3. Fit top cap to wall channel

3.1 Fit Top Cap

Phillips Head
Screwdriver

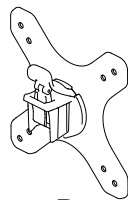Top Cap

Dynamic Arm

COMPONENT CHECKLIST

A
Dynamic
Monitor Arm
(x1)

B
VESA
head
(x1)

C
Screw
M4x25mm
(x4)

D
Screw
M4x16mm
(x4)

E
Screw
M4x12mm
(x4)

F
Spacer
(x4)

G
Security
screw
(x1)

H
4mm
allen key
(x1)

Desk

REQUIRED TOOLS

• Phillips Head Screwdriver

WEIGHT RANGE

Flat Monitors
0 - 9kg
(0 - 20lbs)

Curved Monitors
0 - 6kg
(0 - 13.5lbs)

Monitor weight should be within the weight range of all modular elements that make up the complete monitor mounting solution.

IMPORTANT INFORMATION

! **Please ensure this product is installed as per these installation instructions.**
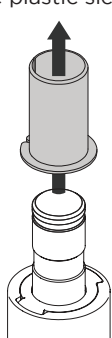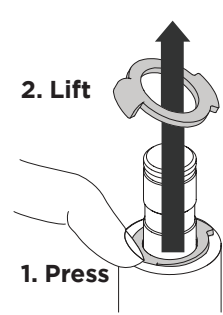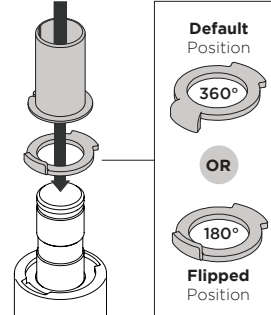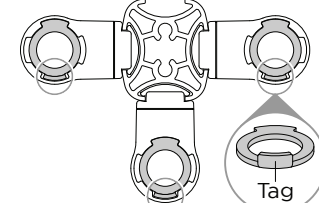! This product is compatible with Atdec AWM Series products.
! The Dynamic Arm (AWM-AD) requires a Channel Clamp (AWM-LC, sold separately) for installation on an AWM Post.
! The Dynamic Arm (AWM-AD) requires a Desk Base (AWM-LB, sold separately) for installation directly onto an AWM fixing.
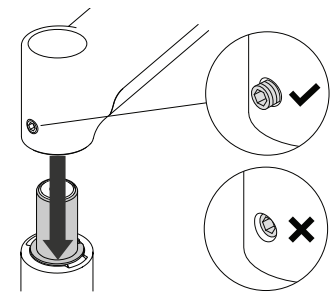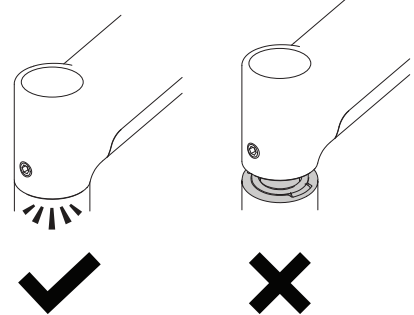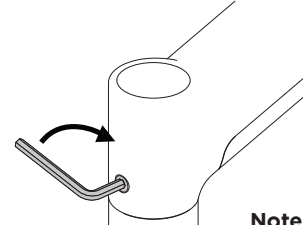! The manufacturer accepts no responsibility for incorrect installation.
! Curved monitors, deep devices (such as all-in-one PCs) and offset VESA locations exert additional leverage that can exceed the capacity of the mount even though the monitor weight may be within the stated range. Please contact Atdec if you would like further information.
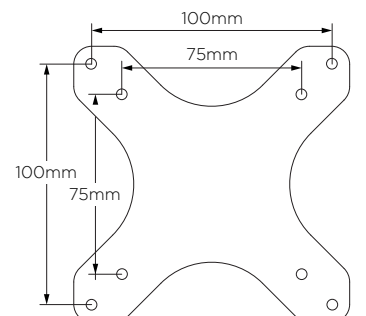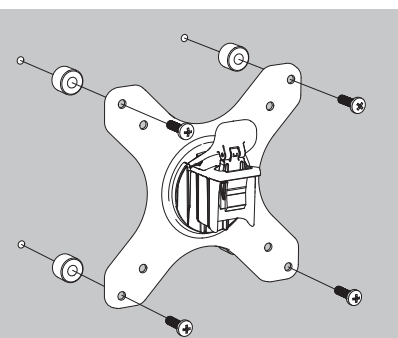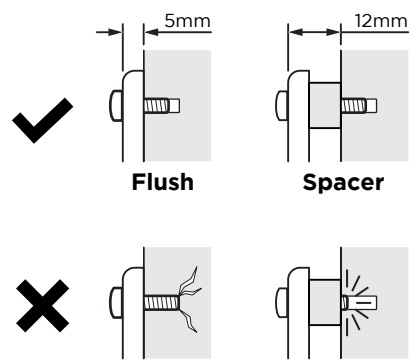
1. Set arm rotation to 180° (optional)

1.1 On the Base or Channel Clamp (sold separately) Remove plastic sleeve.

1.2 Remove rotation ring.

2. Lift

1. Press

1.3 Place rotation ring in the desired position.

Default Position
360°

OR

180°
Flipped Position

Channel Clamp Ring Position
When setting channel clamp rotation, orientate the ring depending on what post channel the arm will be attached to. The tag on the ring should always face towards the user.
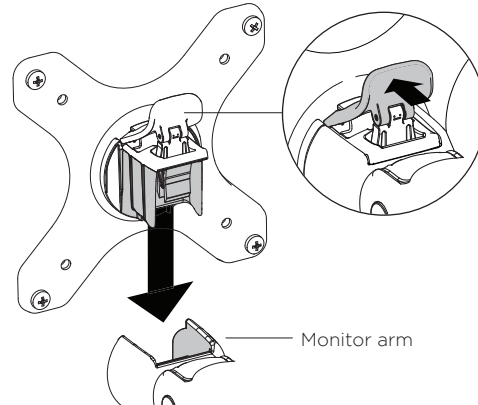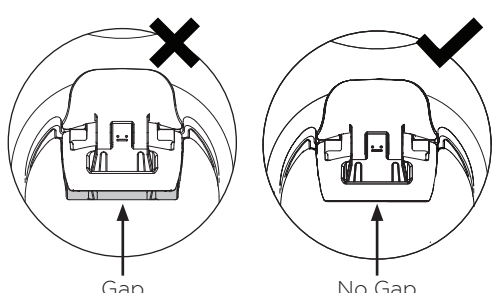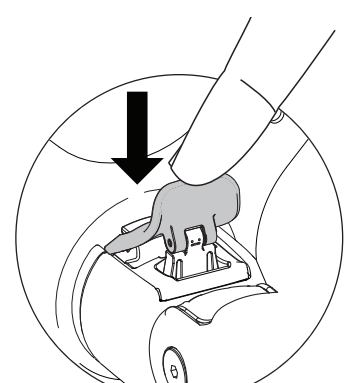
Tag

2. Fit arm onto Base or Channel Clamp (sold separately)

2.1 Push arm onto shaft.

2.2 Ensure arm is fully pushed onto shaft.

2.3 Tighten joint screw.

Note: Check the arm rotation is smooth after tightening.

3. Attach VESA head to monitor

3.1 VESA mounting compatibility

100mm
75mm
100mm
75mm

Note: For other sizes, use a suitable adaptor plate (sold separately).

3.2 Attach VESA head onto monitor with provided screws.

Note: Spacers may be required for curved, recessed or uneven monitor surfaces.

3.3 Be sure to use correct screw length

5mm
Flush

12mm
Spacer

Too long

Too short

4. Mount monitor on arm

4.1 Insert VESA head into the monitor arm

Monitor arm

4.2 Ensure that the VESA head sits flush within the monitor arm. There should be **no** gap.

Gap

No Gap

4.3 Push the lever down to secure it to the arm assembly

5. Adjust tilt tension & install security screw
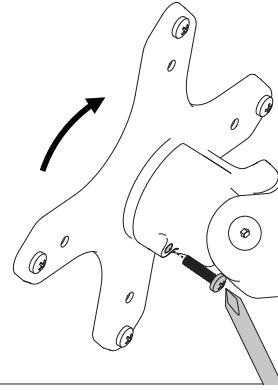
5.1 Use the allen key to adjust the tilt tension until the monitor holds in a vertical position at the end of the arm.
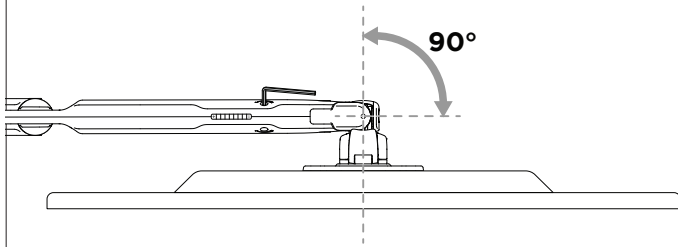

Note: Support monitor while adjusting.

Loosen

Tighten

5.2 OPTIONAL security screw
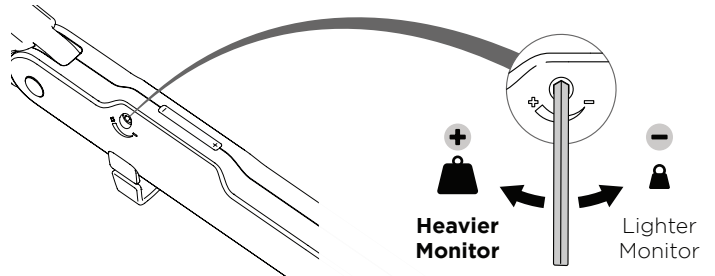Tilt the head upwards to install the optional security screw.
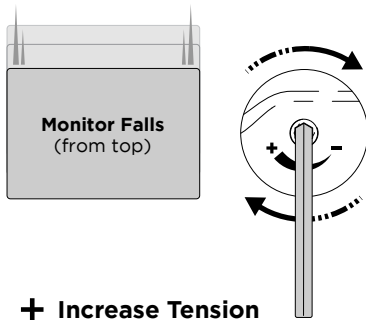

6. Adjust arm tension

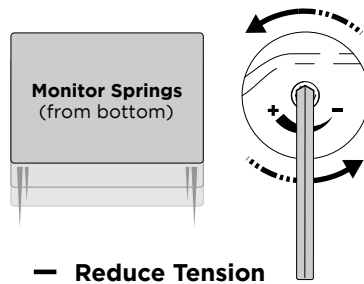**6.1** To accurately set the tension of the arm, position the monitor at 90 degrees

90°

6.2 Use the allen key to adjust the arm tension to the weight of the monitor. Follow steps **6.3** to **6.5** to set the tension.
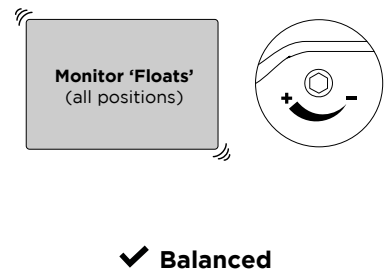

+ **Heavier Monitor**

− Lighter Monitor

6.3 If the monitor sags or falls down, increase the arm tension by rotating the screw clockwise.

Monitor Falls (from top)

+ Increase Tension

6.4 If the monitor springs upwards from the bottom position, decrease the arm tension by rotating the screw anti-clockwise.
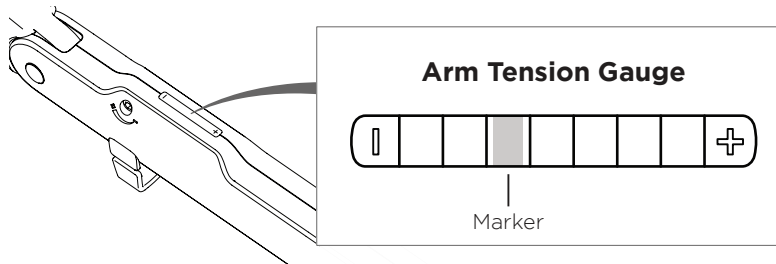

Monitor Springs (from bottom)

− Reduce Tension

6.5 If the monitor floats or hovers in all positions the arm tension is balanced and does not require further adjustment.
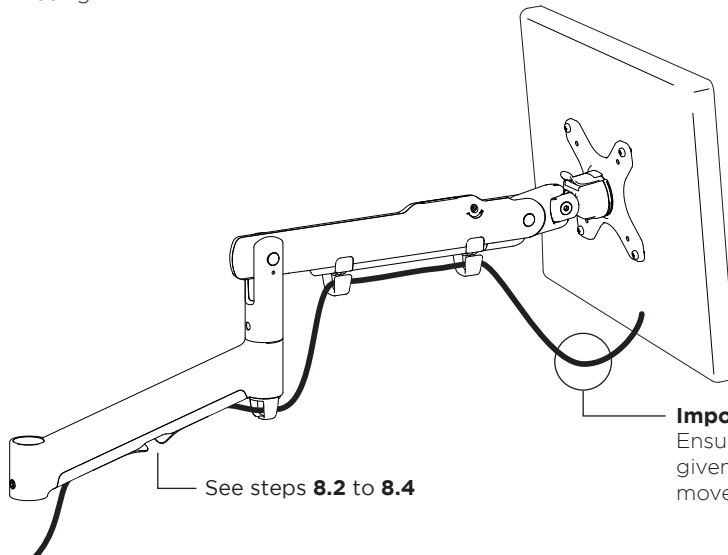

Monitor 'Floats' (all positions)

✔ Balanced

7. Tension gauge

7.1 When installing multiple monitors of a similar weight, use the tension gauge to make installation faster.

Arm Tension Gauge

Marker

1. Set up one monitor and record the position of the marker on the gauge.

2. When installing subsequent monitors, pre-tension the arm to the recorded amount, then fine-tune the tension by following steps **6.3** to **6.5**.

8. Cable management

8.1 Plug cables into the monitor and route the cables down the arm using the cable hooks and clips.
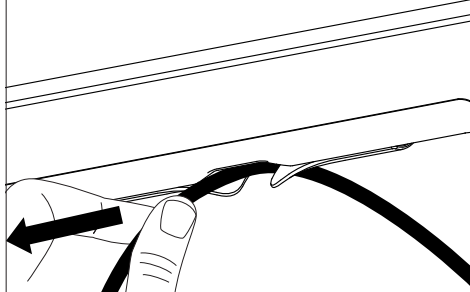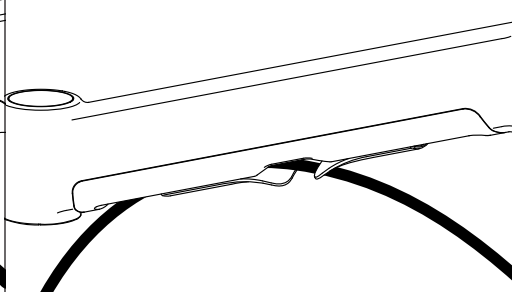
Important!
Ensure enough cable slack is given in this area to allow for movement of the monitor.

See steps **8.2** to **8.4**

8.2 Wedge cable into the central gap and slide it down the arm.

8.3 The cable should slip into the arm cavity

8.4 Slide the remaining loose cable from the central gap up the arm.