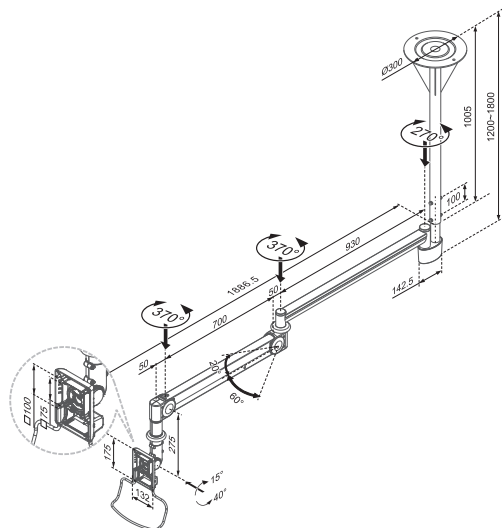


Neomounts®



FPMA-HAC100

FPMA-HAC100HC

EN Medical mount

NL Medische steun

DE Medizinische Halterung

FR Support médical

IT Supporto medico

ES Soporte médico

PT Suporte medico

DK Medicinsk beslag

NO Medisinsk feste

SE Medicinskt fäste

FI Medical teline

PL Uchwyt medyczny

CS Držák pro lékařské účely

SK Držiak na lekárske vybavenie

RO Suport medical

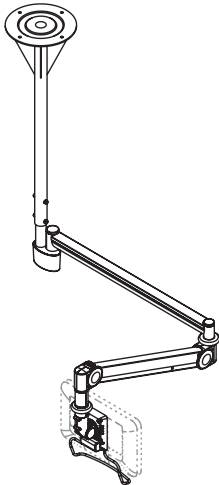
FPMA-HAC100

FPMA-HAC100HC

FPMA-HAC100:		75x75 - 100x100 mm		1-6 kg		0-170 cm		0-189 cm
FPMA-HAC100HC:		75x75 - 100x100 mm		6-12 kg		0-170 cm		0-189 cm

INDEX

Before starting assembly	p. 2
Parts	p. 3
Arm operation	p. 4
Positioning	p. 5
Serviceable range	p. 6
Ceiling assembly	p. 7
Cable assembly	p. 13
Monitor assembly	p. 17
Placement of the arm covers	p. 19
Adjustment for loading	p. 20
Adjusting universal joint tension	p. 21
Safety notes	p. 22



BEFORE STARTING ASSEMBLY

- Please read this manual thoroughly, before assembling the product.
- Some drawings are enlarged to clarify the steps.
- Do not discard any of the packaging until you have checked all the parts.
- If you are missing any of the parts, please contact your supplier.

Note

Only if required, all fastening hardware can be replaced by the installer at their own risk, based on the requirements of the ceiling composition; Neomounts shall not be held liable if any fastening hardware supplied by third parties fails to sufficiently secure the ceiling mount to the ceiling.

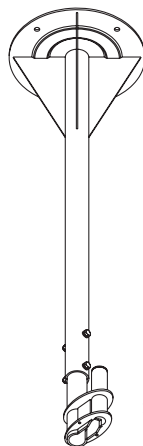
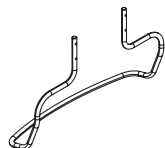
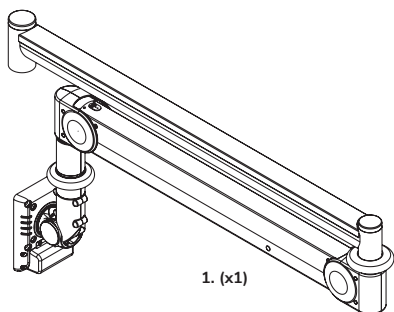
Cleaning recommendations

- Please use non-abrasive or diluted products to clean the plastic components of this product, such as soap water or diluted alcohol.
- Use a soft cloth with 91% isopropyl alcohol to remove pen or marker spots on the surface of the arm.
- For any other stains like iodine spots, a soft cloth with above cleansers is suggested for cleaning.
- The following chemicals are strictly forbidden to use cleaning the arm: abrasive cleansers, acetone, mineral spirits, paint thinner or any other harsh or toxic chemicals.



THE INSTALLATION SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN AND SHOULD MEET THE REQUIREMENTS OF LOCAL REGULATIONS

PARTS



3. M4x12 (x4)



4. M6x30 (x4)



5. M4x25 (x4)



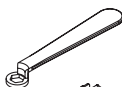
6. (x4)



7. 2.5 mm (x1)



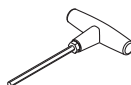
8. 4 mm (x1)



9. (x2)



10. (x1)



11. (x1)



12. (x1)



13. (x4)



15. (x4)



16. (x2)



17. (x1)



18. 17 mm (x2)



19. 3 mm (x1)



20. (x1)



21. (x2)



22. (x4)



23. (x2)



24. (x1)



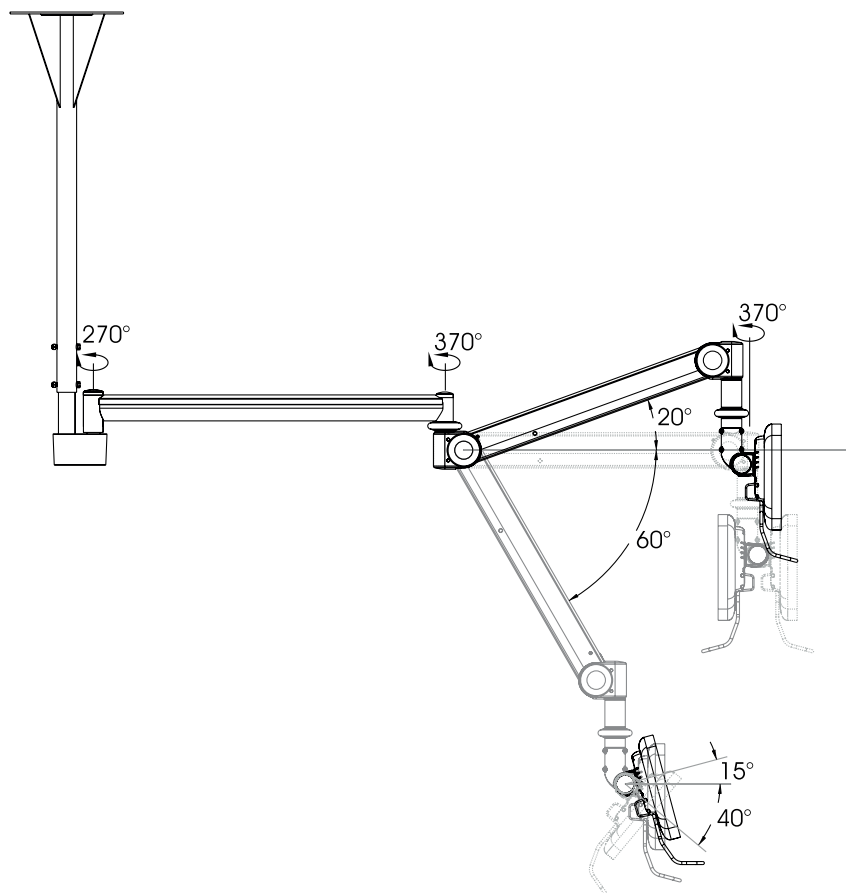
25. M5x10 mm (x2)

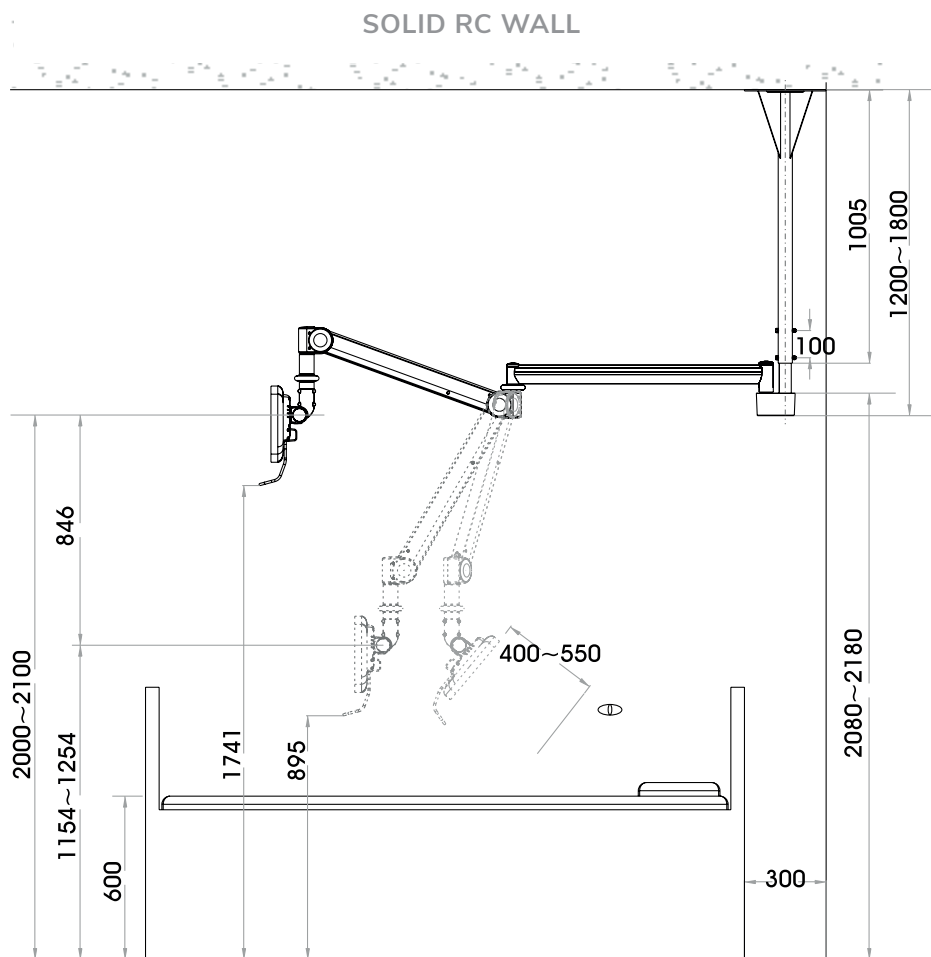


26. M5x8 mm (x2)



27. (x1)

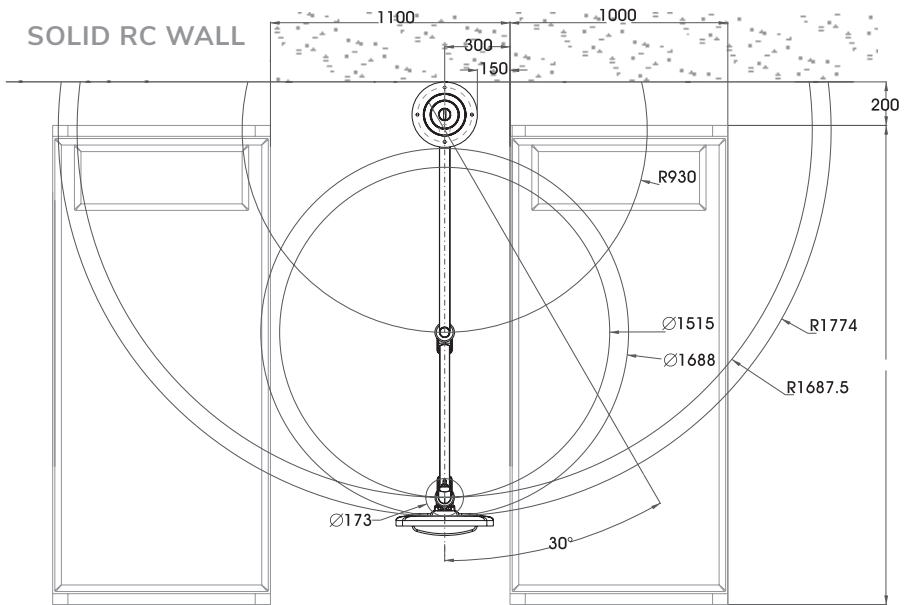




SERVICEABLE RANGE

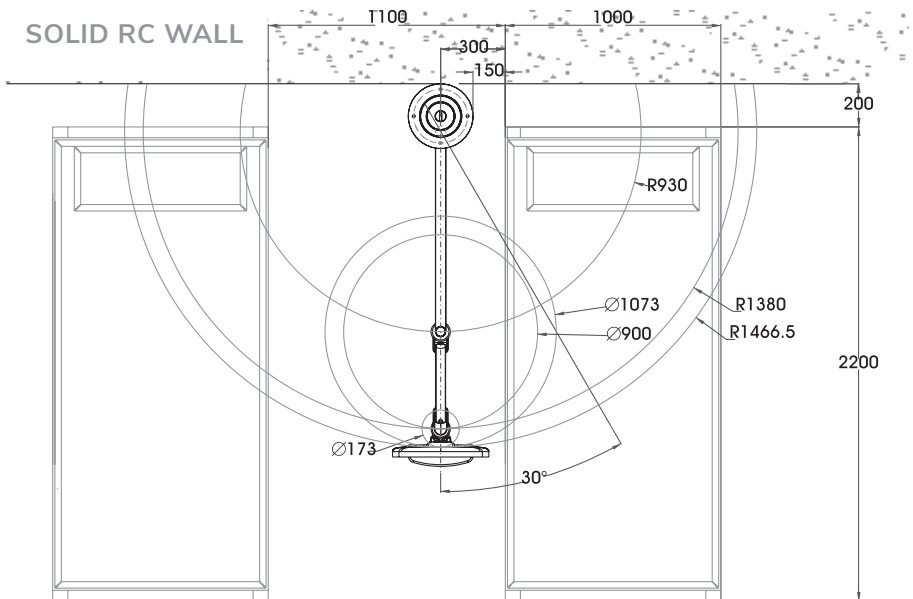
Range at $+20^\circ$ - Top view

Unit: mm



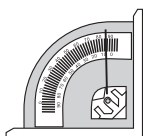
Range at -60° - Top view

Unit: mm

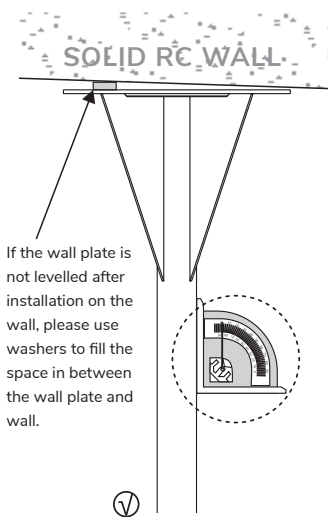
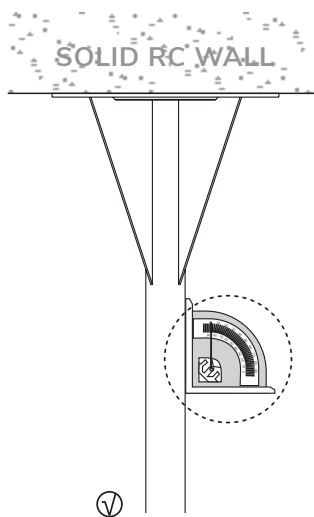
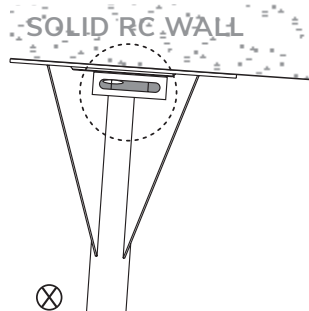
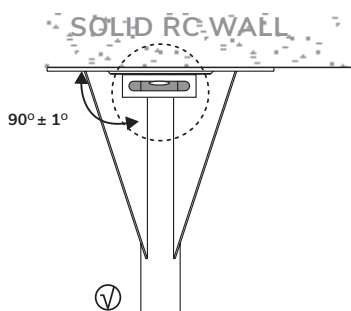
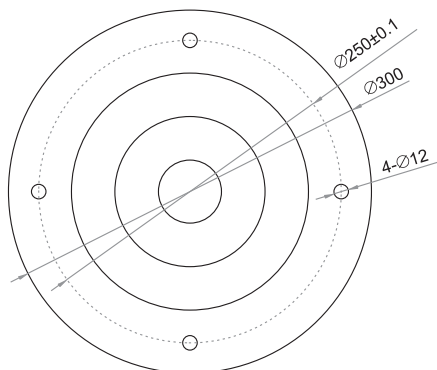


CEILING ASSEMBLY

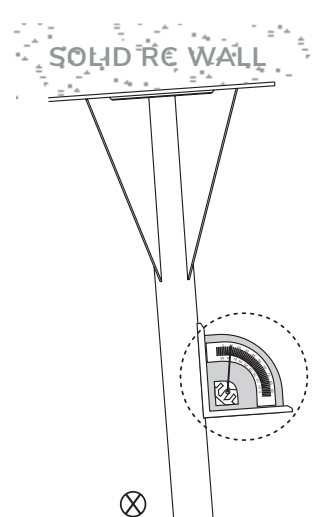
Unit: mm



NOTE: use level gauge or protractor to help the wall mount installation



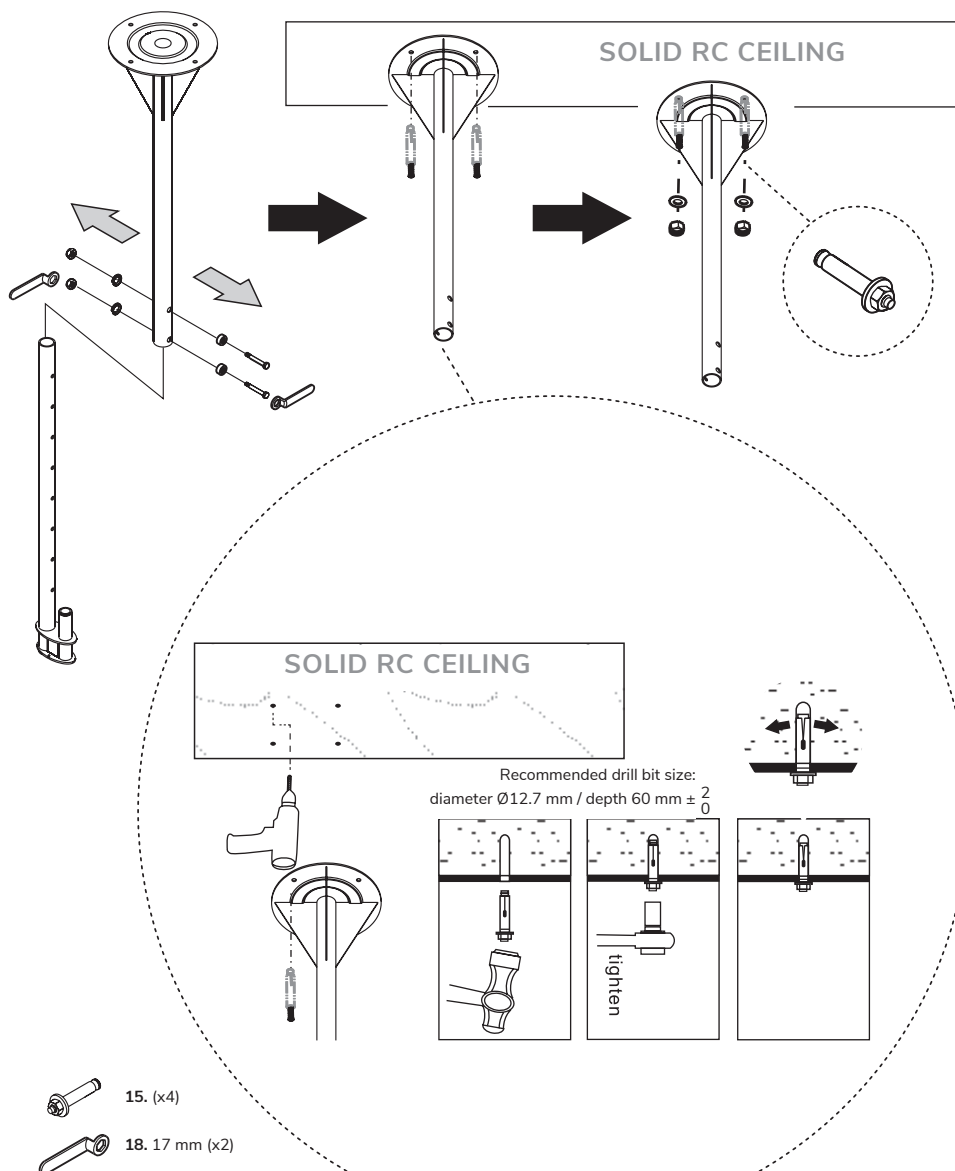
If the wall plate is not levelled after installation on the wall, please use washers to fill the space in between the wall plate and wall.



STEP 1

Install the ceiling mount firmly to a solid ceiling

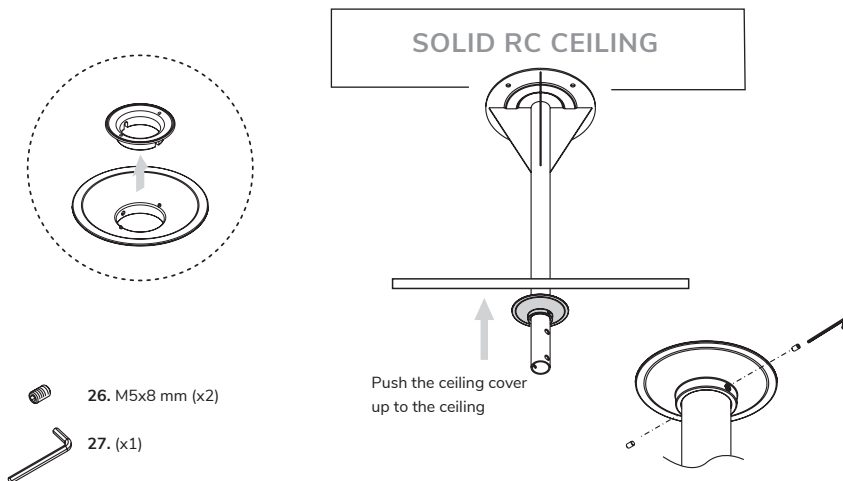
1. Disassemble the ceiling mount and the adjustable pole.
2. Choose the exact place you want to fix the ceiling mount on the ceiling and mark the drill holes.
3. Drill 4 expansion bolts into the ceiling and place the 4 holes of the ceiling mount into the 4 expansion bolts.
Recommended drill bit size: diameter Ø2,7 mm/ depth 60 mm $\pm$ 20
4. Lock the bolts with 4 washers and 4 nylon nuts.



STEP A

Install the ceiling cover

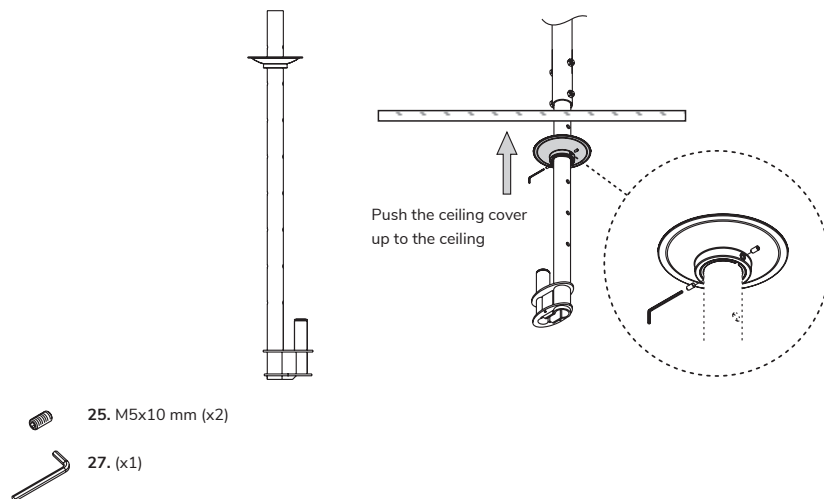
If the upper pole hangs below a suspended ceiling, remove the ceiling cover spacer and push the ceiling cover up to the ceiling. Insert the two screws using the supplied Allen key to secure.



STEP B

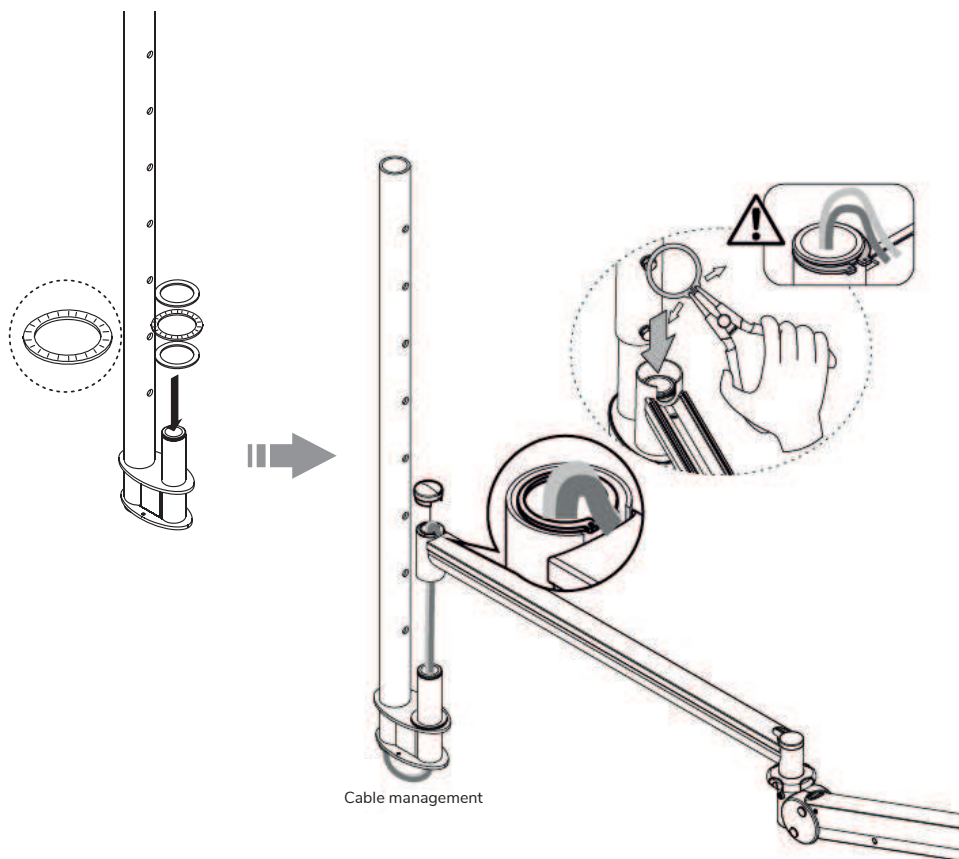
Install the ceiling cover

If the lower pole hangs below a suspended ceiling, push the ceiling cover with ceiling cover spacer up to the ceiling. Insert the two screws using the supplied Allen key to secure.



STEP 2

1. Place the bearings onto the spindle.
2. Place the arm onto the spindle.
3. Manage the cables well and make sure that the C-clip is fitted into the groove of the spindle securely, so the fixed section of the arm cannot be pulled out from the mount while adjusting the arm.
4. Put the rotating cover-L on the arm.



16. (x2)

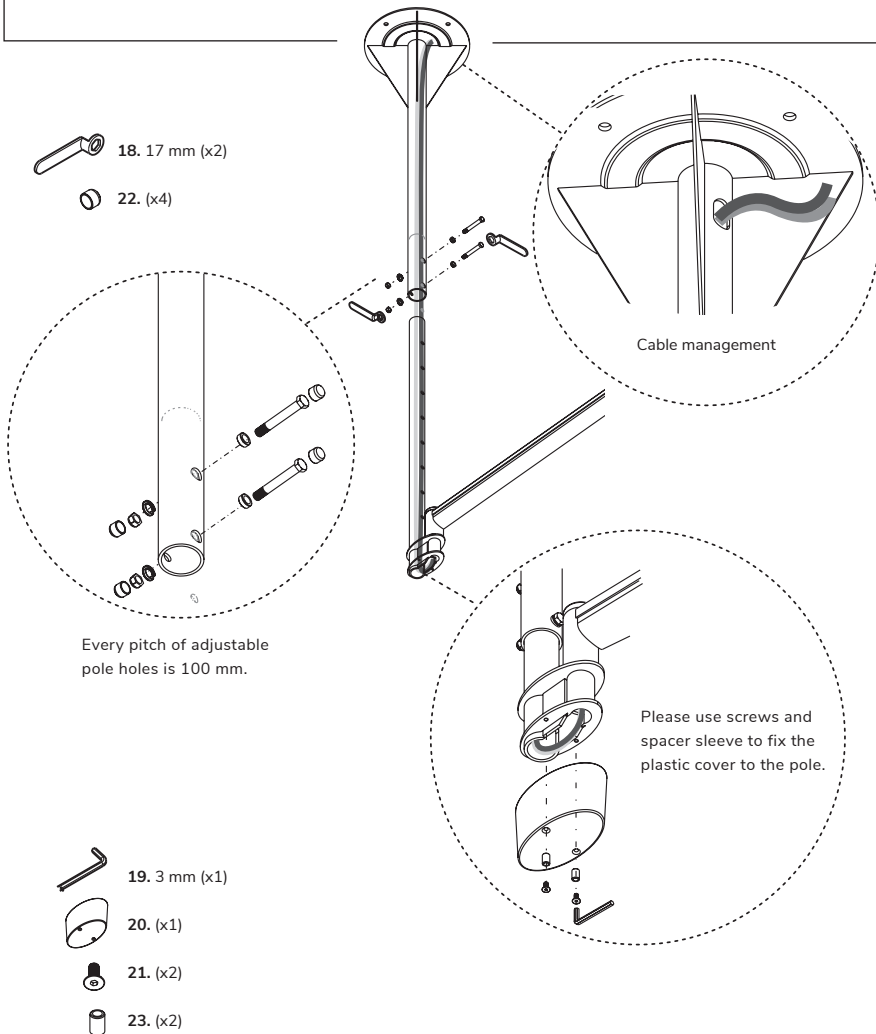
17. (x1)

STEP 3

Adjust the height

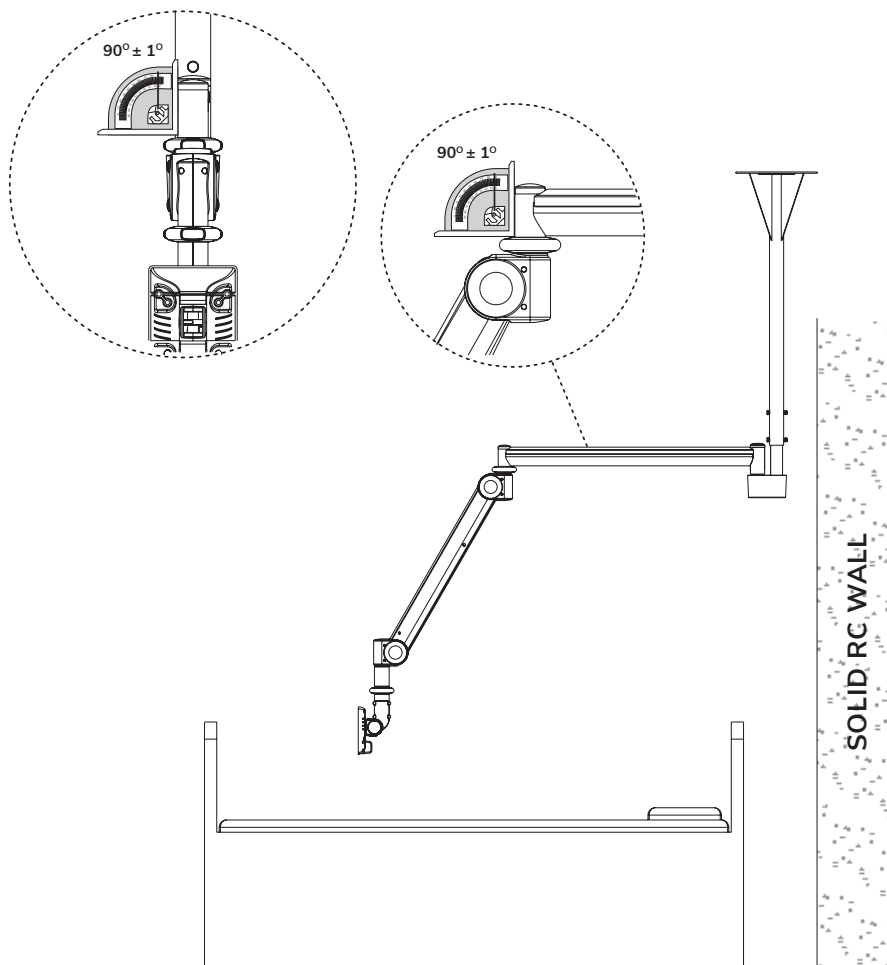
1. Put the adjustable pole inside the ceiling mount.
2. Fix the pole at the desired height by wrench with 2 screws, 2 screw bushings, 2 washers and 2 nylon nuts.

SOLID RC CEILING

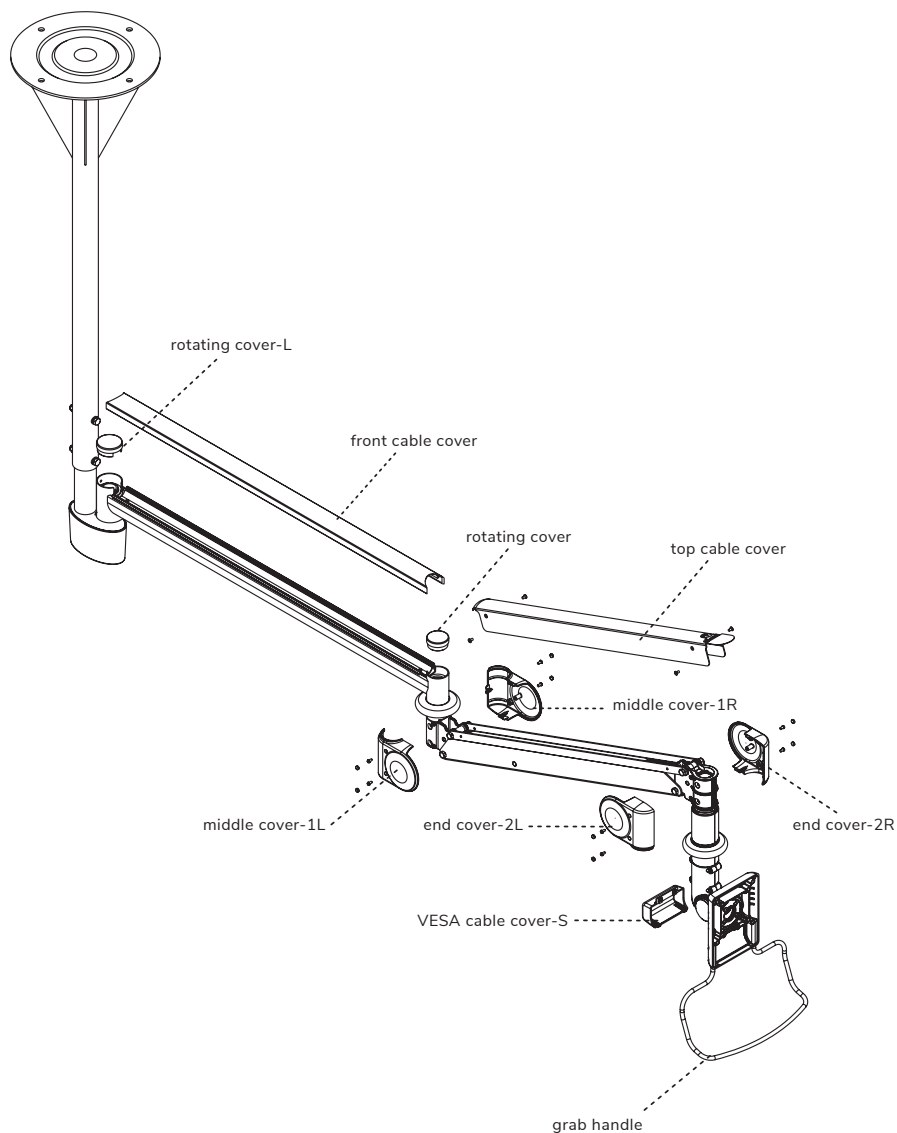


NOTE

Please make sure this joint is in a vertical 90° angle.

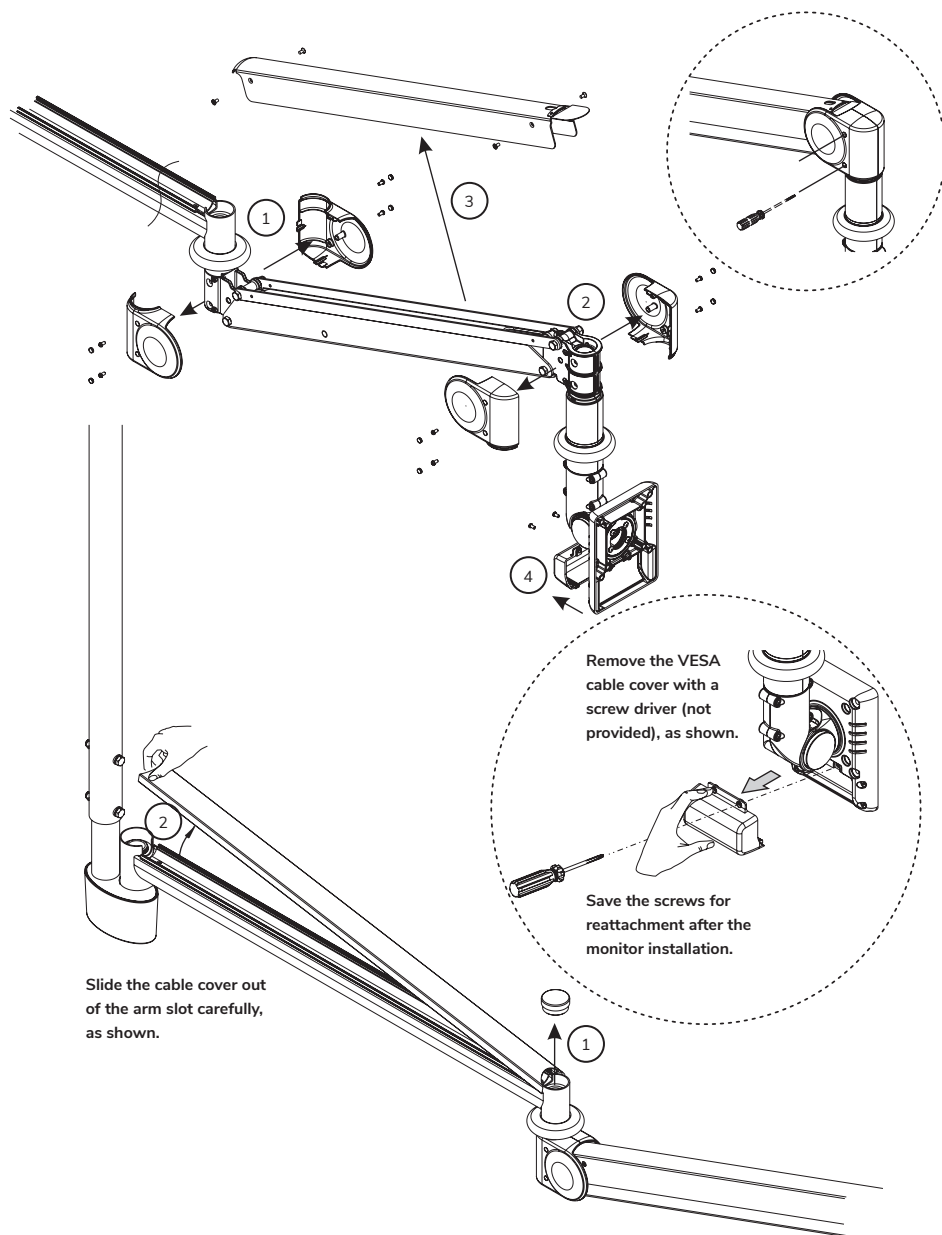


PARTS



STEP 1.1

Remove the cable covers.

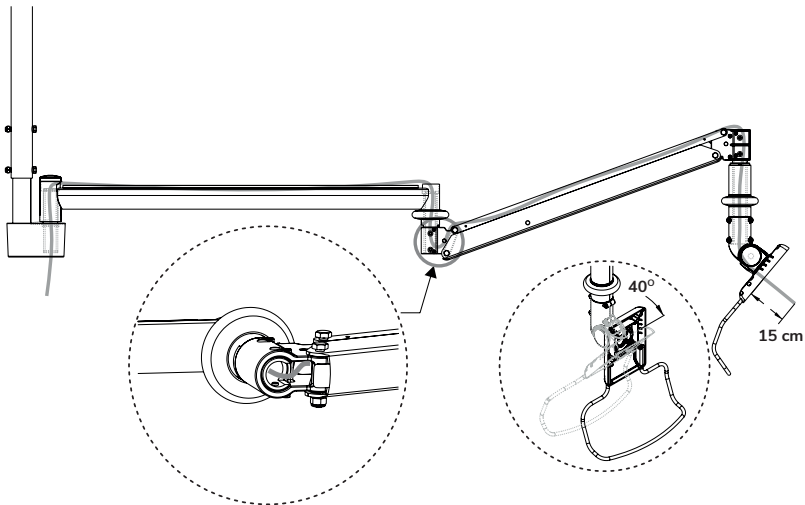
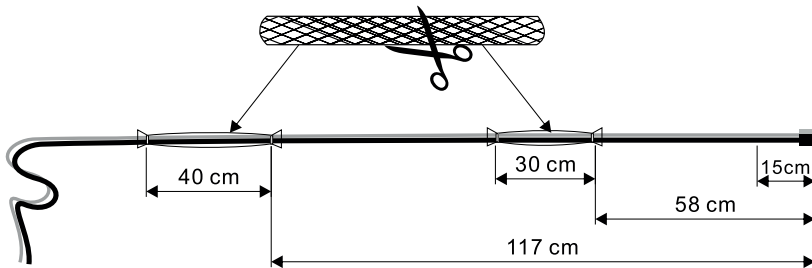


STEP 1.2

Run the cables through the arm. Assemble the cable wrapper.

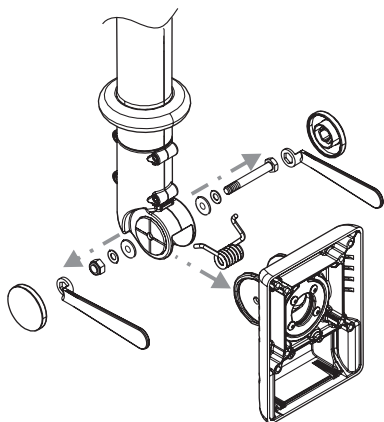
 12. Cable wrapper (x1)

 13. Cable tie (x4)

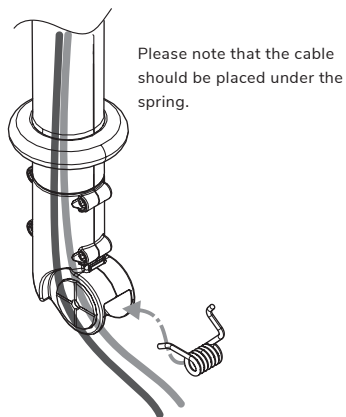


- The VESA adapter must be moved entirely down to put the cable through.
- Allowing for arm movement, it is suggested to keep at least 15 cm of cable left from the VESA adapter.

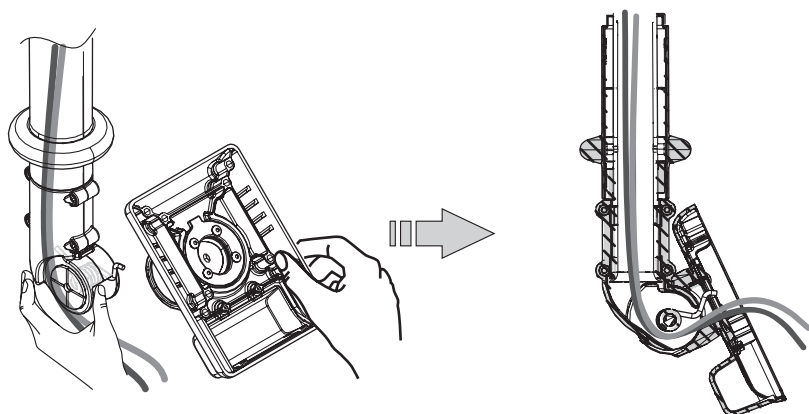
1



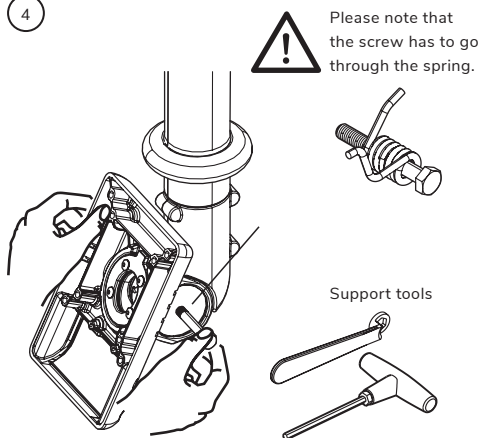
2



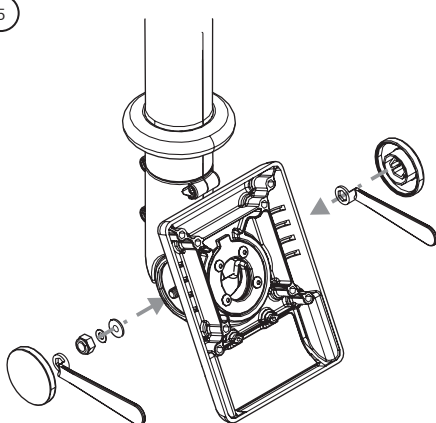
3



4



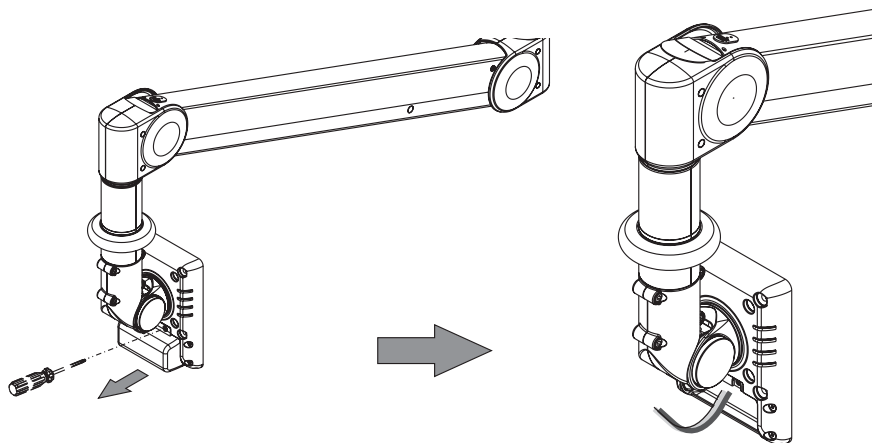
5



MONITOR ASSEMBLY

STEP 1.1

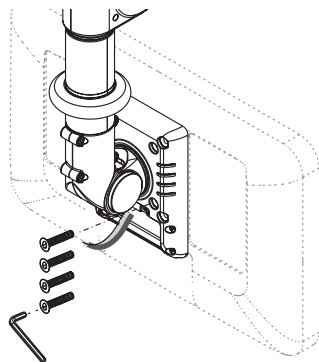
Remove the back cover utilizing a screw driver (not included), as shown and pull out the cable in order to install the monitor.
NB. Please save the screws for reattachment of the cover after monitor installation.



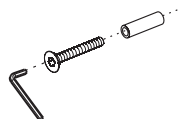
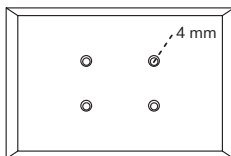
STEP 1.2

Fix the monitor on the VESA mount, using the Allen key and screws.

-  4. M6x30 (x4)
-  8. 4 mm (x1)



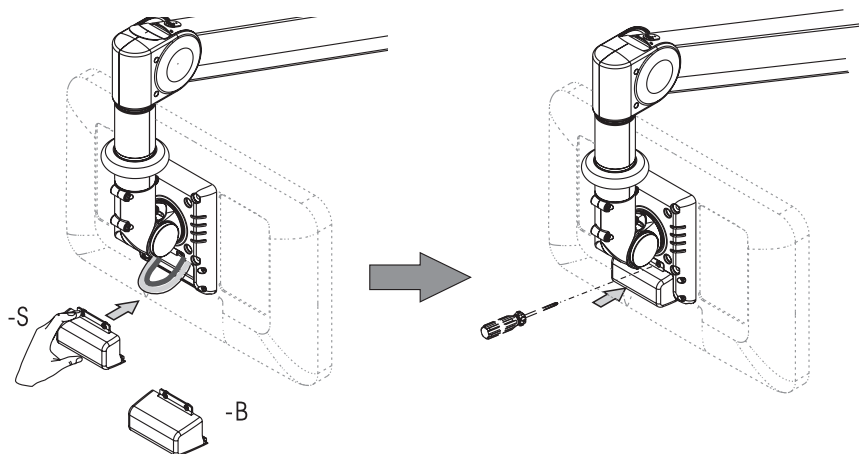
-  5. M4x25 (x4)
-  6. (x4)
-  7. 2,5 mm (x1)



STEP 1.3

Connect the cable to the monitor

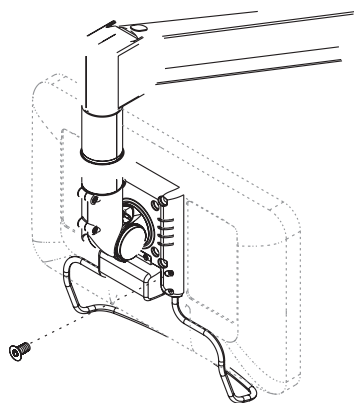
Connect the cables to the monitor, complete the circuit and replace the VESA cable cover-B or VESA cable cover-S.



STEP 1.4

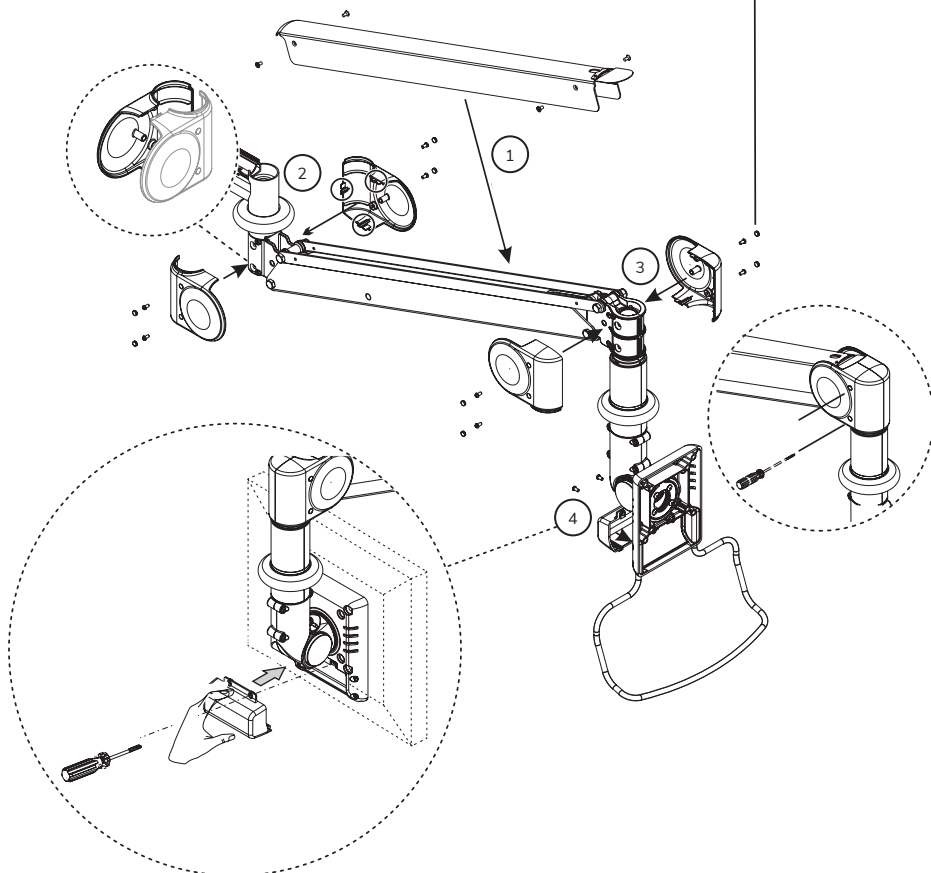
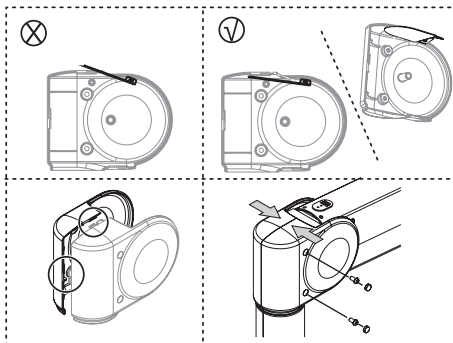
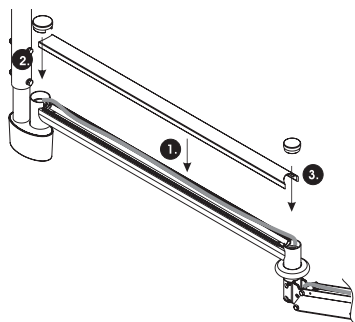
Fix the handle bar

1. Insert the handle bar into the 2 holes on the bottom of the VESA interface.
2. Fix the handle bar with 4 screws with a 2,5 mm Allen key through the 4 holes on the lower part of the VESA interface.



REPLACEMENT OF THE ARM COVERS

Follow the order as below to assemble the covers. Replace the adjuster covers as shown.



ADJUSTMENT FOR LOADING

Caution for weight capacity adjustment

1. Make sure you have checked the weight of the monitor you wish to mount.
2. Support the arm throughout/ during installation.
3. Pull down the arm and take out the upper cap (see below figure) during adjustment.

Adjustment:

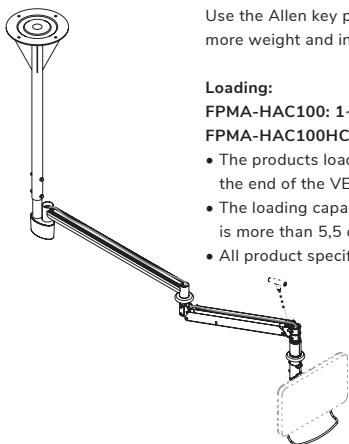
Use the Allen key provided to adjust the weight capacity. Turn the Allen key in a clockwise direction for more weight and in counterclockwise direction for less weight.

Loading:

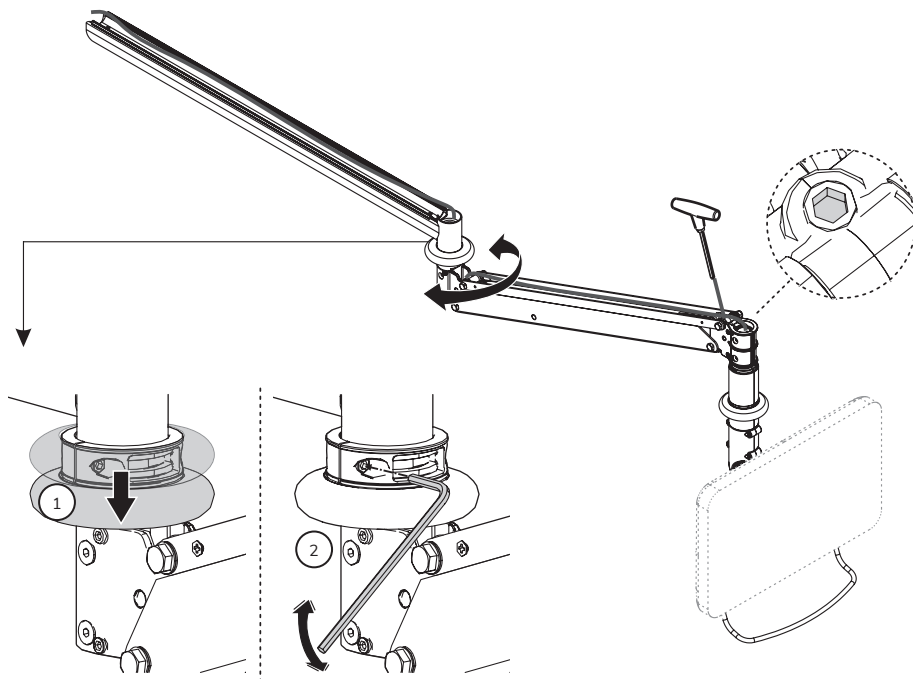
FPMA-HAC100: 1~6 kg

FPMA-HAC100HC: 6~12 kg

- The products loading capacity is based on the monitors' center of gravity less than 3 cm from the end of the VESA interface.
- The loading capacity could be reduced if the monitor size is bigger than 26 inches or the depth is more than 5,5 cm.
- All product specifications in catalogues are subject to change without notice.



Fasten the screw with the 4 mm Allen key and adjust the tightness of rotation according to your wishes.



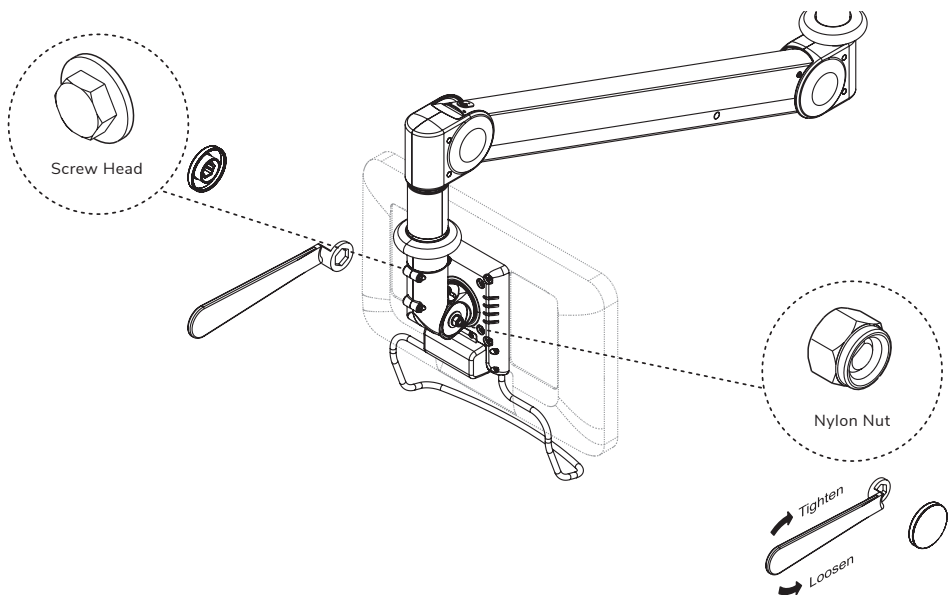
ADJUSTING UNIVERSAL JOINT TENSION

When assembling the arm with monitors of different weight, you may find that the tension of the universal joint needs to be adjusted to ease movement or to maintain the desired monitor position. If so, adjust as follows:

1. Remove the plastic universal joint cover.
2. Find the nylon nut (not the screw head) and use the provided wrench to adjust the tension. Fix the screw head by wrench during adjustment.
3. Use one hand to support the monitor and adjust the tension of the universal joint:
Clockwise: more tension
Counterclockwise: less tension
4. When the desired tension is achieved, replace the plastic covers.

Caution

- Support the monitor during the adjustment procedure.
- Only adjust the nylon nut (not the screw head).
- Do not disassemble the universal joint.



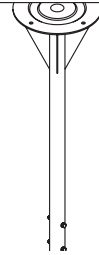
SAFETY NOTES

- Do not disassemble once assembled.
- Make sure that mounting screws are suitable for the horizontal surface and adequate to hold the weight of the arm and the monitor.
- Support the monitor and arm throughout assembly and mounting.
- Keep small parts out of reach from children.

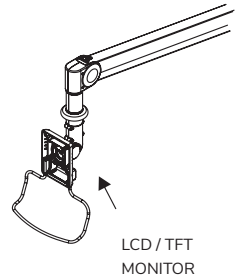
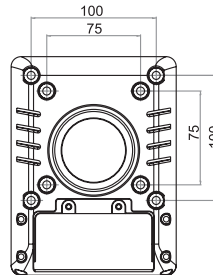


Make sure that the horizontal surface is substantial to hold the weight of the arm and the monitor.

SOLID RC CEILING



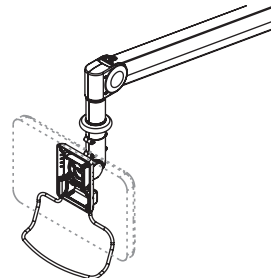
Only use with LCD/ TFT monitors compliant with VESA 75x75 mm or 100x100 mm.



LCD / TFT
MONITOR

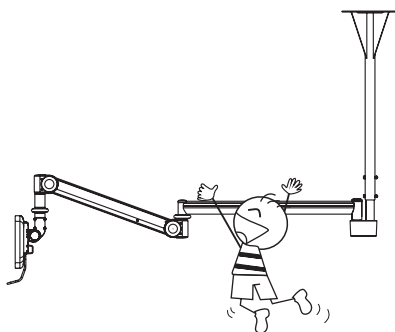


Monitors to be mounted should not weigh more than the maximum weight capacity of the mount, as stated in this manual.

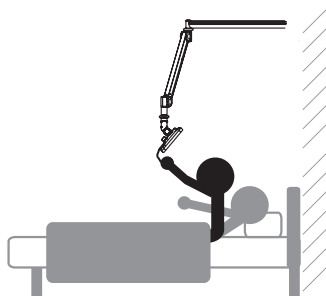




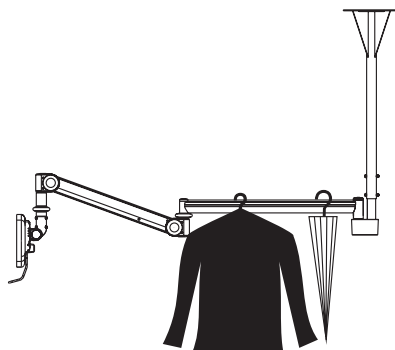
Do not hang or swing on the arm.



Do not hold the arm as a support to get up.



Do not place unnecessary objects on the arm.



EN ! CAUTION

1. To ensure safety, please read this manual carefully before installation and follow the instructions. Store this manual in a secure place for future reference.
2. The manufacturer shall not be legally responsible for any equipment damage or personal injury caused by incorrect installation or operation other than that covered in this manual.
3. The mount is designed for easy installation and removal. The manufacturer shall not be liable for damage to equipment or personal injuries arising out of human factors or acts of nature, such as earthquake or typhoon.
4. It is recommended that the mount be installed by qualified personnel only.
5. At least two persons are needed to install or remove the product to avoid hazard of falling objects.
6. Please carefully inspect the area where the mount is to be installed:
 - Avoid places that are subject to high temperatures, humidity or contact with water.
 - Do not install the product near air conditioning vents or areas with excess dust and fumes.
 - Only install on vertical walls and avoid slanted surfaces.
 - Do not install in places subject to any shock or vibration.
 - Do not install in places subject to direct exposure to bright light, as it may cause eye fatigue when viewing the display panel.
7. Maintain sufficient space around the display to ensure adequate ventilation.
8. To ensure safe installation, first check the structure of the wall, ceiling or floor and select a secure mounting location.
9. The ceiling and floor should be strong enough to sustain a weight of at least four times of the display and mount combined. The mounting location must be able to withstand earthquake or other strong shock.
10. Do not modify any accessories or use broken parts. Contact your dealer with any questions.
11. Tighten all screws (do not exert excessive force to avoid breaking the screw or damaging its thread).
12. Drill holes and bolts will be left in the wall, ceiling or floor once the display and bracket are removed. Stains may occur after extended use.
13. Since the manufacturer has no way to control the way the ceiling or floor type and installation of the mount, the warranty of the product shall only cover the body of the mount. The warranty period of the product is 5 years.
14. Please consult the English language manual for any dispute on conditions.

DE ! VORSICHT

1. Um die Sicherheit zu gewährleisten, lesen Sie dieses Handbuch vor der Installation sorgfältig durch und befolgen Sie die Anweisungen. Bewahren Sie dieses Handbuch an einem sicheren Ort auf, damit Sie später darauf zurückgreifen können.
2. Der Hersteller ist rechtlich nicht verantwortlich für Geräteschäden oder Personenschäden, die durch eine andere als die in diesem Handbuch beschriebene Installation oder Bedienung verursacht werden.
3. Das Produkt ist für eine einfache Installation und Demontage ausgelegt. Der Hersteller haftet nicht für Schäden an Geräten oder Personenschäden, die durch menschliche Faktoren oder Naturereignisse wie Erdbeben oder Taifun verursacht werden.
4. Es wird empfohlen, das Produkt nur durch qualifiziertes Personal zu installieren.
5. Zur Installation oder Demontage des Produktes sind mindestens zwei Personen erforderlich, um die Gefahr von herabfallenden Gegenständen zu vermeiden.
6. Bitte überprüfen Sie den Bereich, in dem das Produkt installiert werden soll sorgfältig:
 - Vermeiden Sie Orte die hohen Temperaturen, Feuchtigkeit oder Kontakt mit Wasser ausgesetzt sind.
 - Installieren Sie das Produkt nicht in der Nähe von Lüftungsschlitzen von Klimaanlage oder Bereichen mit übermäßigem Staub und Rauch.
 - Installieren Sie das Produkt nur an eine vertikale Wand. Vermeiden Sie schräge Oberflächen.
 - Nicht an Orten installieren, die Erschütterungen oder Vibrationen ausgesetzt sind.
 - Nicht an Orten installieren die direkter Sonneneinstrahlung bzw. zu starkem Licht ausgesetzt sind, da dies beim Betrachten der Bildschirmanzeige zu Ermüdung der Augen führen kann.
7. Sorgen Sie für ausreichend Platz um das Display, um eine ausreichende Belüftung zu gewährleisten.
8. Um die Sicherheit zu gewährleisten und Unfälle zu vermeiden ist es notwendig vor der Installation die Wand-, Decken- oder Bodenstruktur zu überprüfen und eine sichere Stelle auszuwählen.
9. Por gefährliche, Wie der Display, der Bildschirm selbst, sollte statisch sehr gering sein, um ein Gewicht von mindestens dem Vierfachen des kombinierten Displays und des Montagesets zu tragen. Der Montageort muss Erdbeben oder anderen starken Erschütterungen stand halten können.
10. Modifizieren Sie kein Zubehör und verwenden Sie keine beschädigten Teile. Wenden Sie sich bei Fragen bitte an Ihren Händler.
11. Ziehen Sie alle Schrauben fest (Üben Sie keine übermäßige Kraft aus, um ein Brechen der Schraube oder eine Beschädigung des Gewindes zu vermeiden).
12. Nach dem Entfernen können Schrauben und Schrauben in Wand-, Decken- oder Boden verbleiben. Nach längerem Gebrauch können Flecken auftreten.
13. Der Hersteller kann keinen Einfluss auf die Wand-, Decken- oder Bodenart und die Installation der Halterung. Deshalb deckt die Garantie des Produktes nur das Produkt selbst ab. Die Garantiezeit des Produktes beträgt 5 Jahre.
14. Bei Streitigkeiten über die Bedingungen ziehen Sie bitte das englischsprachige Handbuch hinzu.

FR ! ATTENTION

1. Pour assurer la sécurité, veuillez lire attentivement ce manuel avant l'installation et suivre les instructions. Conservez ce manuel dans un endroit sûr pour un besoin ultérieur.
2. Le fabricant ne sera pas légalement responsable de tout dommage à l'équipement ou de blessures corporelles causé par une installation ou une utilisation incorrecte autre que celles préconisées dans ce manuel.
3. Le produit est conçu pour une installation et un démontage faciles. Le fabricant ne peut être tenu responsable des dommages à l'équipement ou des blessures corporelles résultant de facteurs humains ou d'actes de nature, tels qu'un tremblement de terre ou un typhon.
4. Il est recommandé que le produit soit installé uniquement par du personnel qualifié.
5. Au moins deux personnes sont nécessaires pour installer ou démonter le produit afin d'éviter tout risque de chute d'objets.
6. Veuillez inspecter soigneusement la zone où le produit doit être installé:
 - Évitez les endroits soumis à des températures élevées, à l'humidité ou au contact avec de l'eau.
 - N'installez pas le produit à proximité de bouches de climatisation ou de zones avec un excès de poussière et de fumées.
 - Installez uniquement sur des murs verticaux et évitez les surfaces inclinées.
 - Ne pas installer dans des endroits soumis à des chocs ou des vibrations.
 - Ne l'installez pas dans des endroits soumis à une exposition directe à la lumière vive, car cela peut provoquer une fatigue oculaire lors de la visualisation des écrans d'affichage.
7. Maintenez un espace suffisant autour de l'écran pour assurer une aération adéquate.
8. Pour garantir une installation sûre, vérifiez d'abord la structure de la surface, du mur, du plafond ou du sol et sélectionnez un emplacement de montage sécurisé.
9. Par surface, le mur, le plafond ou le sol doivent être suffisamment solides pour supporter un poids d'au moins quatre fois l'écran et le produit combinés. L'emplacement de montage doit pouvoir résister aux tremblements de terre ou à d'autres chocs violents.
10. Ne modifiez aucun accessoire et n'utilisez pas de pièces cassées. Contactez votre revendeur pour toute question à ce sujet.
11. Serrez toutes les vis à l'exercice pas de force excessive pour éviter de casser les vis ou d'endommager leur filetage).
12. Des trous et des boulons peuvent être laissés dans le mur, le plafond ou le sol une fois le produit retiré. Des taches peuvent apparaître après une utilisation prolongée.
13. Étant donné que le fabricant ne peut pas vérifier / superviser la qualité de la surface / du mur, du plafond ou du sol, ni la qualité d'installation du produit, la garantie du produit ne couvre que le produit lui-même, et non le fonctionnement du produit. La période de garantie du produit est de 5 ans.
14. Veuillez consulter le manuel pour tout différend sur les conditions.

IT ! ATTENZIONE

1. Per garantire la sicurezza, leggere attentamente questo manuale prima dell'installazione e seguire le istruzioni. Conservare questo manuale in un luogo sicuro per riferimenti futuri.
2. Il produttore non sarà legalmente responsabile per eventuali danni alle apparecchiature o lesioni personali causati da installazione o funzionamento non corretti diversi da quelli descritti nel presente manuale.
3. Il prodotto è progettato per una facile installazione e rimozione. Il produttore non è responsabile per danni alle apparecchiature o lesioni personali derivanti da fattori umani o atti di natura, come terremoti o tifoni.
4. Per consigli di installare il prodotto solo da personale qualificato.
5. Per installare o rimuovere il prodotto sono necessarie almeno due persone per evitare il rischio di caduta di oggetti.
6. Ispezionare attentamente l'area in cui il prodotto deve essere installato:
 - Evitare luoghi soggetti ad alte temperature, umidità o contatto con l'acqua.
 - Non installare il prodotto vicino a prese d'aria o aree con polvere e fumi in eccesso.
 - Installare solo su pareti verticali ed evitare superfici inclinate.
 - Non installare in luoghi soggetti a urti o vibrazioni.
 - Non installare in luoghi soggetti a esposizione diretta a luce intensa, in quanto potrebbe causare affaticamento degli occhi durante la visualizzazione del pannello del display.
7. Mantenere uno spazio sufficiente attorno al display per garantire un'adeguata ventilazione.
8. Per garantire un'installazione sicura, verificare innanzitutto la struttura della superficie, della parete, del soffitto o del pavimento e selezionare una posizione di montaggio sicura.
9. La superficie, la parete, il soffitto o il pavimento devono essere sufficientemente robusti da sostenere un peso di almeno quattro volte il display e il prodotto combinati. La posizione di montaggio deve essere in grado di resistere a terremoti o altri forti urti.
10. Non modificare alcun accessorio o utilizzare parti rotte. Contatta il tuo rivenditore per qualsiasi domanda.
11. Stringere tutte le viti (non esercitare una forza eccessiva per evitare di rompere la vite o danneggiare la filettatura).
12. Una volta rimosso il prodotto, è possibile lasciare fori nella parete, nel soffitto o nel pavimento. Le macchie possono verificarsi dopo un uso prolungato.
13. Poiché il produttore non può verificare / supervisionare la qualità della superficie / parete, soffitto o pavimento né la qualità dell'installazione del prodotto, la garanzia del prodotto copre solo il prodotto stesso, non il funzionamento del prodotto. Il periodo di garanzia del prodotto è di 5 anni.
14. Consultare il manuale in lingua inglese per qualsiasi controversia relativa alle condizioni.

ES ! PRECAUCIÓN

1. Para garantizar su seguridad, lea este manual cuidadosamente antes de la instalación y siga las instrucciones. Conserve este manual en un lugar seguro para futuras consultas.
2. El fabricante no será legalmente responsable de ningún daño producido sobre el equipo o lesión personal causada por una instalación o uso no mencionado explícitamente en este manual.
3. El soporte está diseñado para una fácil instalación y extracción. El fabricante no será responsable por daños al equipo o lesiones personales que surjan de factores humanos o actos de la naturaleza, como terremotos o tifones.
4. Se recomienda que el soporte sea instalado solo por personal cualificado.
5. Para evitar que se caiga el producto, la instalación o retirada deberá ser realizada por al menos dos personas.
6. Inspeccione detenidamente el área donde se instalará el soporte:
 - Evite los lugares sometidos a altas temperaturas, humedad o contacto con el agua.
 - No instale el producto cerca de ventiladores de aire acondicionado o áreas con exceso de polvo y humos.
 - Instalar solo en paredes verticales y evitar superficies inclinadas.
 - No instale en lugares sujetos a golpes o vibraciones.
 - No instale en lugares sometidos a la exposición directa a la luz brillante, ya que puede causar fatiga ocular al ver el panel de la pantalla.
7. Mantenga suficiente espacio alrededor de la pantalla para asegurar una ventilación adecuada.
8. Para garantizar una instalación segura, primero verifique la estructura de la pared, el techo o el piso y seleccione una ubicación de montaje segura.
9. La pared, el techo o el piso deben ser lo suficientemente fuertes para sostener un peso de al menos cuatro veces la pantalla y el montaje combinados. La ubicación de montaje debe ser capaz de resistir un terremoto o otro golpe fuerte.
10. No modifique ningún accesorio ni utilice componentes deteriorados. Póngase en contacto con su distribuidor si tiene alguna duda.
11. Apriete todos los tornillos (no ejerza demasiada fuerza para evitar que se roma el tornillo o se dañe la rosca).
12. Mantenga los orificios y los pernos en la pared, techo o suelo después de retirar la pantalla y el soporte. Podrían quedar manchas después de un uso prolongado.
13. Dado que el fabricante no tiene forma de controlar el tipo de pared, techo o piso y la instalación del soporte, la garantía del producto solo cubrirá el cuerpo del soporte. El periodo de garantía del producto es de 5 años.
14. Consulte el manual en inglés si tiene alguna duda acerca de las condiciones.