

## Flat-Screen TV Ceiling Mount - For 32 in. to 75 in. LCD, LED, or Plasma TVs

FLATPNLCEIL



\*actual product may vary from photos

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For the latest information, technical specifications, and support for this product, please visit [www.StarTech.com/FLATPNLCEIL](http://www.StarTech.com/FLATPNLCEIL).

## Warning statements

Make sure to assemble this product according to the instructions. Failure to do so might result in personal injury or property damage.

Make sure that the weight of the monitor does not exceed the weight capacity of this product. If you exceed the weight capacity, you might experience personal injury or damage to the equipment. This product can support the following weight: Up to 110 lb. (50 kg).

Never operate this product if parts are missing or damaged.

Ceiling structures vary, and it's important to make sure that the type of ceiling structure and mounting hardware that you're using will properly support the mounted equipment. Failure to do so may result in personal injury and/or equipment damage. The ceiling structure should be capable of supporting at least four times the weight of the mounted equipment.

The mounting hardware included with this product might not be adequate for some ceiling structures. If you lack the necessary expertise to attach this product to the ceiling structure that you're using, contact a construction professional to install the ceiling mount or to provide specific mounting instructions for your ceiling structure.

## Warnhinweise

Montieren Sie dieses Produkt gemäß den Anweisungen. Andernfalls kann dies zu Verletzungen von Personen oder Schäden an Eigentum führen.

Das Gewicht Ausrüstung darf die zulässige Traglast des Produkts nicht übersteigen. Wenn die Traglast überschritten wird, kann dies zu Verletzungen von Personen oder Schäden an Geräten führen. Dieses Produkt ist für folgendes Gewicht geeignet: 50 kg.

Das Produkt darf nicht bedient werden, wenn Teile fehlen oder beschädigt sind.

Deckenstruktur unterscheiden sich, und es muss sichergestellt werden, dass die Decke und das verwendete Montagematerial das montierte Gerät halten kann. Andernfalls kann dies zu Verletzungen von Personen und/oder Schäden an Geräten führen. Die Decke muss mindestens das Vierfache des Gewichts des montierten Geräts halten können.

Das mitgelieferte Montagematerial ist möglicherweise nicht für jede Decke geeignet. Wenn Ihnen die nötigen Fachkenntnisse zum Anbringen dieses Produkts an einer Decke fehlen, lassen Sie einen Fachmann den Deckenhalter anbringen, oder lassen Sie sich von einem Fachmann Montageanweisungen für Ihre Decke erteilen.

## Waarschuwingen

Zorg dat dit product volgens de instructies in elkaar wordt gezet. Indien dit niet goed gebeurt kan lichamelijk letsel of materiële schade ontstaan.

Zorg dat het gewicht van de apparatuur de maximale capaciteit van dit product niet overschrijdt. Als u de gewichtscapaciteit overschrijdt, kan persoonlijk letsel of schade aan de apparatuur ontstaan. Dit product ondersteunt het volgende gewicht: 50 kg.

Gebruik dit product nooit als er onderdelen ontbreken of beschadigd zijn.

Omdat plafonds verschillen, is het belangrijk dat u ervoor zorgt dat de plafondstructuur en de montagemiddelen die u gebruikt die te monteren apparatuur goed ondersteunen. Indien u dit niet doet kan lichamelijk letsel en/of schade aan de apparatuur ontstaan. De plafondstructuur moet voldoende zijn om ten minste vier keer het gewicht van de gemonteerde apparatuur te ondersteunen.

Het kan zijn dat de bij dit product geleverde montagemiddelen niet geschikt zijn voor sommige plafondstructuren. Als u onvoldoende kennis hebt om dit product aan de door u gebruikte plafondstructuur te bevestigen, neem dan contact op met een bouwvakje om de steun aan de muur te installeren of specifieke montage-instructies voor uw plafondstructuur te geven.

## Varningsmeddelanden

Se till att du monterar produkten i enlighet med instruktionerna. Om du inte gör det kan skada på person eller egendom uppstå.

Se till att utrustning vikt inte överstiger produktens viktkapacitet. Om viktkapaciteten överstigs kan skada på person eller utrustning uppstå. Denna produkt har stöd för följande vikt: 50 kg.

Använd aldrig produkten om delar saknas eller är skadade.

Eftersom innertakstruktur varierar är det viktigt att kontrollera att innertakstrukturer och monteringsutrustningen som du använder klarar av den monterade utrustningen. Om du inte gör det kan skada på person och/eller utrustning uppstå. Innertakstrukturer ska kunna klara av minst fyra gånger vikten av den monterade utrustningen.

Monteringsutrustningen som medföljer produkten kanske inte är lämplig för vissa innertakstrukturer. Om du saknar nödvändiga kunskaper för att fästa denna produkt på innertakstrukturer som du använder, kontakta en professionell konstruktör för att installera utrustning eller för att ge specifika monteringsinstruktioner för din innertakstruktur.

## Mensagens de aviso

Certifique-se de que monta este produto de acordo com as instruções. O incumprimento pode resultar em ferimentos pessoais ou danos de propriedade.

Certifique-se de que o peso do equipamento não excede a capacidade de peso deste produto. Se exceder a capacidade de peso, pode sofrer ferimentos pessoais ou danos ao equipamento. Este produto pode suportar o seguinte peso: 50 kg.

Nunca opere este produto se faltarem peças ou estas estiverem danificadas.

As estruturas do teto variam e é importante certificar-se de que o tipo de estrutura do teto e hardware de montagem que está a usar irá suportar devidamente o equipamento montado. O incumprimento pode resultar em ferimentos pessoais e/ou danos ao equipamento. A estrutura do teto deve ser capaz de suportar pelo menos quatro vezes o peso do equipamento montado.

O hardware de montagem incluído com este produto pode não ser adequado para algumas estruturas do teto. Se não tiver o conhecimento necessário para fixar este produto à estrutura do teto que está a usar, contacte um profissional de construção para fazer a instalação no teto ou para fornecer instruções de montagem específicas para a sua estrutura do teto.

## Dichiarazioni di avvertenza

Assemblare il prodotto rispettando le istruzioni. Il mancato rispetto delle istruzioni potrebbe causare danni a persone o proprietà.

Verificare che il peso dell'attrezzatura non superi la capacità di supporto del prodotto. In caso di superamento della capacità di supporto potrebbero verificarsi danni a persone o apparecchiature. Il prodotto è in grado di supportare i seguenti pesi: 50 kg.

Non utilizzare il prodotto in presenza di parti mancanti o danneggiate.

Le caratteristiche del soffitto sono variabili ed è importante verificare che il soffitto e l'hardware di montaggio in uso siano in grado di supportare adeguatamente le apparecchiature montate. Il mancato rispetto delle istruzioni potrebbe causare danni a persone o proprietà. Il soffitto deve essere in grado di supportare un peso almeno quattro volte superiore a quello dell'apparecchiatura montata.

L'hardware di montaggio incluso con il prodotto potrebbe non essere adeguato ad alcuni soffitti. Se l'utente non dispone delle competenze necessarie per agganciare il prodotto al soffitto in uso, dovrà contattare un professionista ed/oppure per installare il supporto a parete o ottenere istruzioni di montaggio per il soffitto in uso.

## Advertencias de uso

Asegúrese de ensamblar este producto según las instrucciones. De lo contrario, pueden producirse lesiones personales o daños de propiedad.

Asegúrese de que el peso del equipo no excede la capacidad de carga de este producto. Si se excede dicha capacidad se podrían producir lesiones personales o daños al equipo. Este producto tiene la siguiente capacidad de carga: 50 kilogramos.

Nunca opere o ponga en funcionamiento este producto si faltan piezas o hay daños en las mismas.

Las estructuras de los falsos techos pueden variar y, por tanto, es importante determinar con certeza que el tipo de estructura del falso techo y el hardware de montaje que se va a utilizar para soportar debidamente el equipo. De lo contrario, se pueden producir lesiones personales o daños en el mismo. La estructura del falso techo debe ser capaz de soportar al menos cuatro veces el peso del componente instalado.

El hardware de montaje incluido con este producto puede no ser adecuado para algunas estructuras de falso techo. Si no tiene la experiencia suficiente para fijar este producto a la estructura del falso techo correspondiente, póngase en contacto con un profesional de la construcción para instalar el soporte de falso techo o para que le proporcione las instrucciones específicas de montaje para su estructura de falso techo.

## Avertissements

Assemblez ce produit conformément aux instructions. Si vous ne respectez pas ces instructions, vous risquez de vous blesser ou d'endommager l'équipement.

Vérifiez que le poids de l'équipement ne dépasse pas la capacité pondérale du produit. Si vous dépassez la capacité pondérale, vous risquez des blessures corporelles ou des dommages matériels. Ce produit peut supporter de 50 kg.

N'utilisez pas ce produit si des pièces sont endommagées ou manquantes.

Les types de plafonds varient. Vous devez impérativement vérifier que le type de plafond et le matériel de fixation que vous utilisez permettent de soutenir correctement l'équipement. Dans le cas contraire, vous risquez des blessures corporelles ou des dommages matériels. La structure du plafond doit pouvoir supporter au moins quatre fois le poids de l'équipement monté.

Le matériel de fixation inclus avec ce produit n'est pas forcément approprié pour tous les types de plafonds. Si vous ne disposez pas des compétences nécessaires pour installer ce produit au plafond, contactez un professionnel afin qu'il installe l'équipement ou qu'il vous fournisse les instructions de montage spécifiques à votre type de plafond.

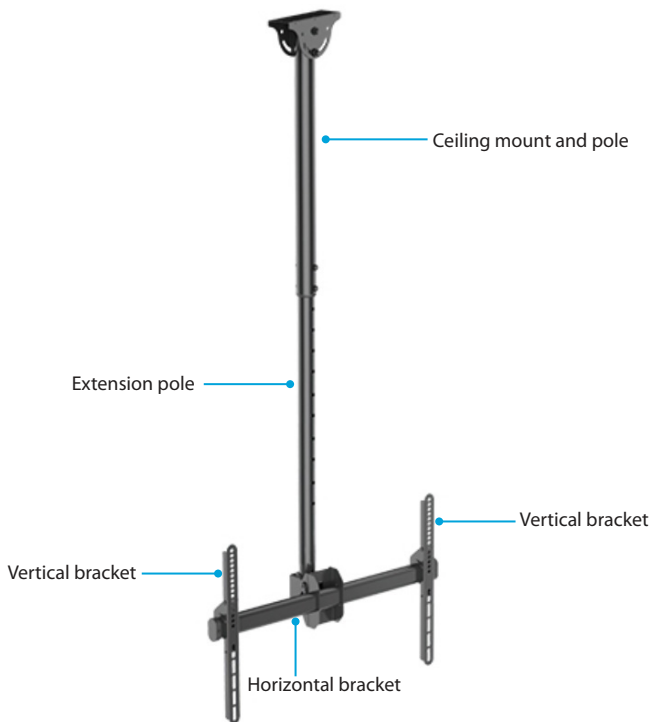
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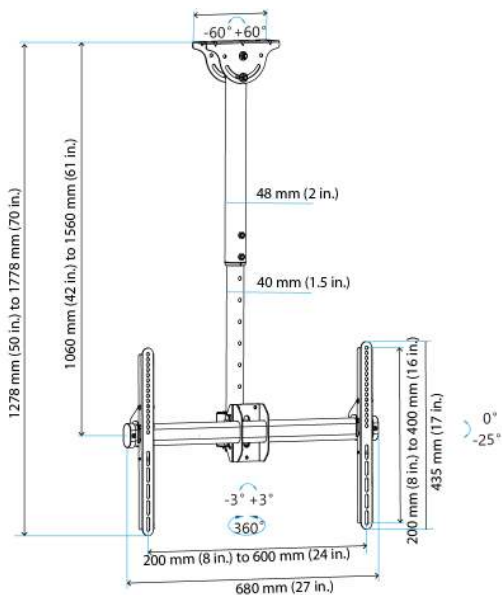
# Introduction

The FLATPNLCEIL is a full-motion ceiling mount that's designed to give you an easy way to suspend your flat-panel television from a ceiling or other overhead surface. The ceiling mount features easy-to-use height and tilt adjustments, which makes it easy to position your display in a way that works best for you, on a flat or sloped ceiling surface.

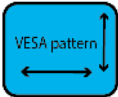
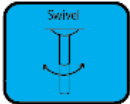
## Product diagram

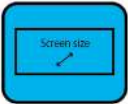
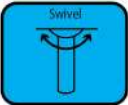


# Product dimensions



# Technical specifications

| Type of measurement                                                                                             | Measurement                                         |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| VESA mounting hole pattern<br> | 200x200<br>300x300<br>400x200<br>400x400<br>600x400 |
| Weight capacity<br>            | Up to 110 lb. (50 kg)                               |
| Tilt<br>                       | +0° to -25°                                         |
| Extension pole swivel<br>      | +180° to -180°                                      |
| Extension<br>                 | 1060 to 1560 mm<br>(42 to 61 in.)                   |

| Type of measurement                                                                                           | Measurement                              |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <p>Level adjustment</p>      | <p>+3° to -3°</p>                        |
| <p>Screen size</p>           | <p>813 to 1905 mm<br/>(32 to 75 in.)</p> |
| <p>Ceiling plate swivel</p>  | <p>-60° to +60°</p>                      |

# Package contents

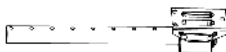
1



Ceiling mount and pole

Qty: One

2



Extension pole

Qty: One

3



Vertical brackets

Qty: Two

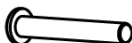
4



Horizontal bracket

Qty: One

5



Bolts

Qty: Two

6



Nuts

Qty: Two

7



M13 wrench

Qty: One

8



M5 Allen key

Qty: One

9



Mounting template

Qty: One

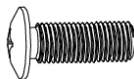
10



M5x14 mm screws

Qty: Four

11



M6x14 mm screws

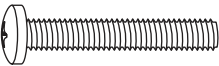
Qty: Four

12



M6x30 mm screws

Qty: Four

|                                                                                                                                   |                                                                                                                                  |                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <p>13</p>  <p>M8x30 mm screws<br/>Qty: Four</p>   | <p>14</p>  <p>M8x50 mm screws<br/>Qty: Four</p> | <p>15</p>  <p>Washers<br/>Qty: Four</p>           |
| <p>16</p>  <p>Short spacers<br/>Qty: Eight</p>   | <p>17</p>  <p>Long spacers<br/>Qty: Eight</p>   | <p>18</p>  <p>6.3x55 mm screws<br/>Qty: Four</p>  |
| <p>19</p>  <p>Concrete anchors<br/>Qty: Four</p> | <p>20</p>  <p>Flat washers<br/>Qty: Four</p>    | <p>21</p>  <p>Instruction manual<br/>Qty: One</p> |

## Requirements

- Flat-panel TV that is compatible with a VESA mount
- Phillips screwdriver

Requirements are subject to change. For the latest requirements, please visit [www.StarTech.com/FLATPNLCEIL](http://www.StarTech.com/FLATPNLCEIL).

# Installation

**Warning!** Make sure that the weight of the TV doesn't exceed the weight capacity of this product. If you exceed the weight capacity, you might experience personal injury or damage to the product. This product can support the following weight: Up to 110 lb. (50 kg).

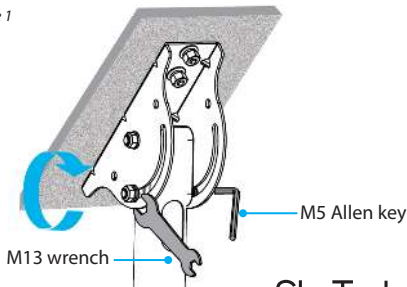
## Attach the ceiling mount and pole to the ceiling

**Warning!** Ceiling structures vary, and it's important to make sure that the type of structure and mounting hardware that you're using will properly support the mounted equipment. Failure to do so may result in personal injury and/or equipment damage. The ceiling should be capable of supporting at least four times the weight of the mounted equipment.

**Warning!** The mounting hardware included with this product might not be adequate for some ceiling structures. If you lack the necessary expertise to attach this product to the ceiling that you're using, contact a construction professional to install the FLATPNLCEIL or to provide specific mounting instructions for your ceiling.

1. Use a pencil and the provided mounting template (9) to mark the location on the ceiling where you want to attach the ceiling mount.
2. Follow the appropriate steps for the type of ceiling that you're attaching the mount to and attach the ceiling mount and pole (1) to the ceiling.
3. To vertically position the pole, use the M13 wrench (7) and the M5 Allen key (8) to adjust the nut at the side of the mounting base. (*figure 1*)

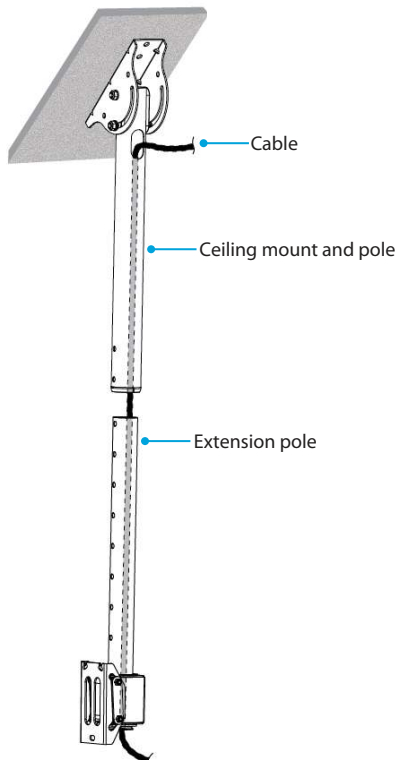
*figure 1*



## Attach the extension pole to the ceiling mount and pole

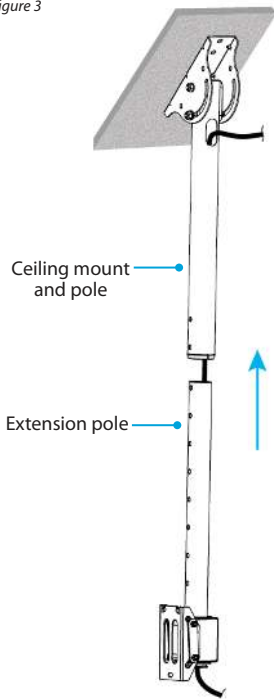
1. Place one end of the cable through the top hole in the ceiling mount and pole (1).
2. Run the cable through the ceiling mount and pole and the extension pole (2), and out the bottom of the extension pole. (*figure 2*)

*figure 2*

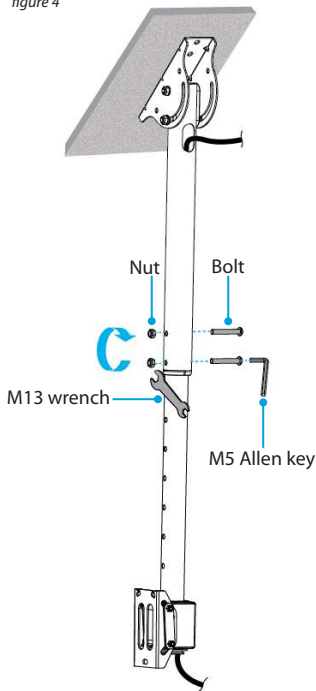


3. Slide the extension pole into the ceiling mount and pole, until the extension pole is at the height that you want it to be. (*figure 3*)
4. Line up the holes on the extension pole with the holes on the ceiling mount and pole.
5. Insert the two bolts (5) through the holes in the ceiling mount and pole and the extension pole.
6. Attach the two nuts (6) to the bolts, and use the M13 wrench (7) and the M5 Allen key (8) to tighten the nuts in place. (*figure 4*)

*figure 3*



*figure 4*



## Attach the horizontal bracket

1. Use a wrench to remove the retainer nut from the back of the horizontal bracket (4). (figure 5)
2. Loosen the two nuts at the back of the horizontal bracket.
3. Attach the horizontal bracket onto the mounting bracket at the end of the extension pole (2).
4. Reattach the retainer nut that you removed in step 1 and use a wrench to tighten the nut in place. (figure 6)
5. Tighten the two nuts that you loosened in step 2.

figure 5

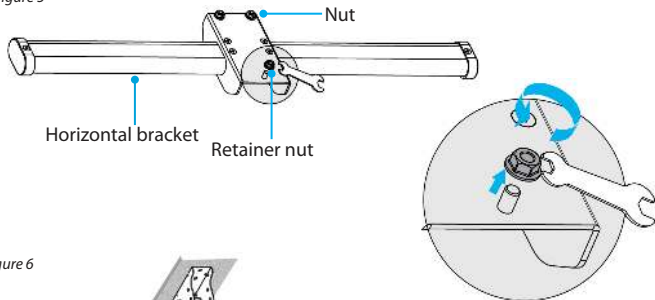
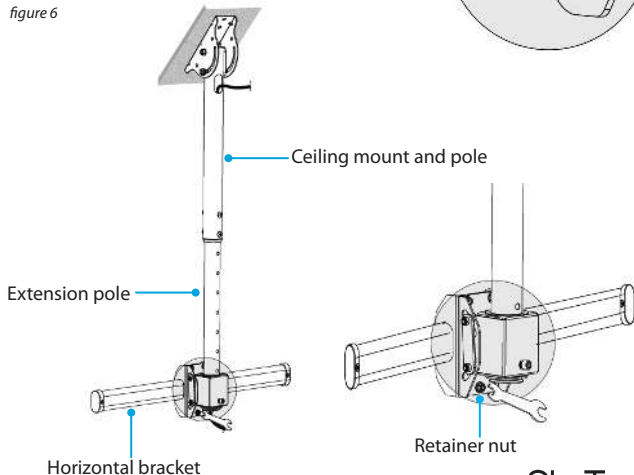


figure 6



## Select the appropriate mounting hardware

To accommodate different TV designs, the FLATPNLCEIL comes with three sets of screws of different lengths and diameters, and two sizes of spacers.

To select the combination of mounting hardware that you need to use to attach the vertical brackets to the TV, complete the following:

- Determine whether the back of the TV is flush or inset.
- Determine the depth of the mounting holes on the TV.
- Determine the diameter of the mounting holes on the TV.
- Consult the images below to see the different hardware combinations available, and select the one that works best with the TV.

**Note:** If you're using a TV with a flush mounting surface, you don't need to use any of the provided spacers.

The following screw sizes work with a **flush mounting surface**:

M5x14 mm



M6x14 mm



The following hardware combinations work with an **inset mounting surface**:

M6x30 mm



or

M8x30 mm



or



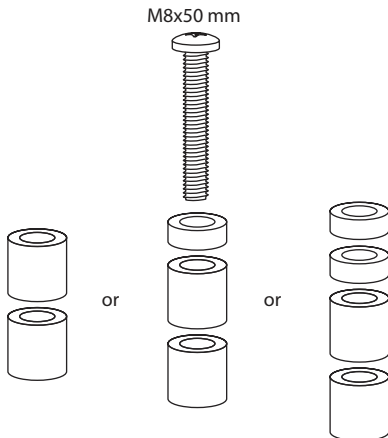
or



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The following hardware combinations work with an **inset mounting surface**:

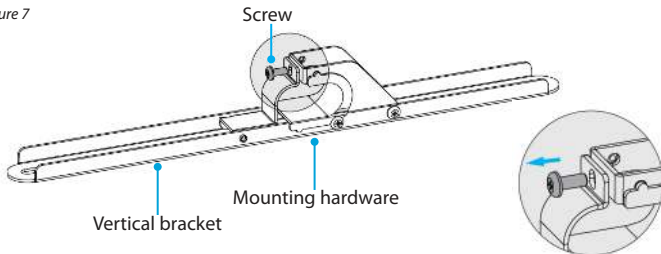


## Attach the vertical brackets to the TV

**Warning!** Do not over-tighten the screws. If you encounter resistance while you're tightening the screws, stop tightening. Failure to do so could result in damage to the TV.

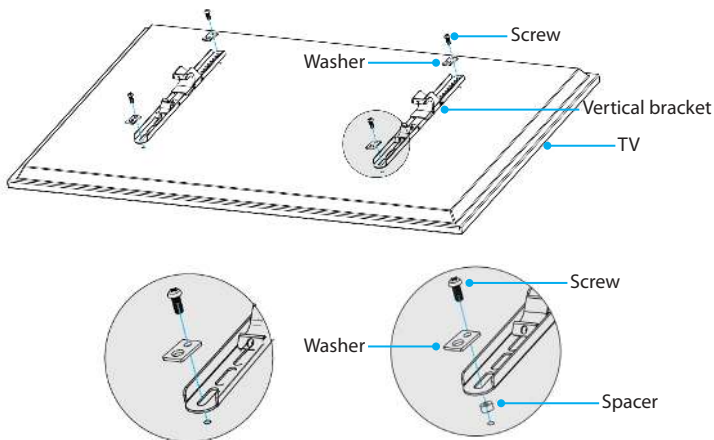
1. Use a screwdriver to remove the screw from the mounting hardware on each of the vertical brackets (3). (figure 7)  
Put the screws to the side; you will need to use them when you hang the TV.
2. Flip down the smaller piece of the mounting hardware.

figure 7



3. If you're attaching a TV with an inset mounting surface, place the spacers over the mounting holes on the back of the TV.
  4. With the mounting hardware pointed towards the bottom of the TV, position the vertical brackets so that the holes on the vertical brackets line up with the mounting holes or spacers on the back of the TV. (figure 8)
  5. Position the four washers (15) over the holes on the vertical brackets.
- Note:** There are small and large holes in the washers to accommodate different screw sizes.
6. Insert the screws into the washers, the vertical brackets, the spacers (if required), and into the back of the TV.
  7. Use a screwdriver to tighten the screws. (figure 8)

figure 8



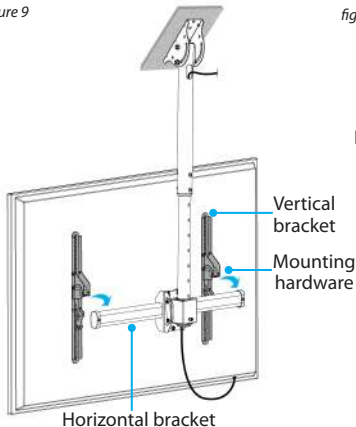
## Attach the TV to the horizontal bracket

**Warning!** Attaching the TV is a two-person job. Do not attempt to hang the TV by yourself.

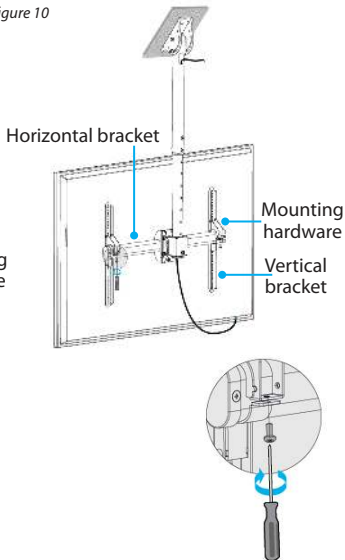


1. Carefully lift up the TV and hook the mounting hardware on the vertical brackets (3) onto the horizontal bracket (4) attached to the extension pole (2). (*figure 9*)
2. Close the mounting hardware, and use a screwdriver to reinsert the screws you removed from the mounting hardware on each of the vertical brackets. (*figure 10*)
3. Tighten the screws in place.

*figure 9*



*figure 10*

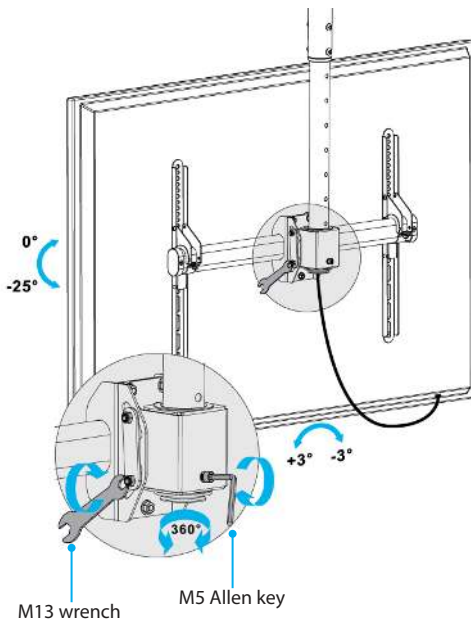


## Adjust the TV

1. Do any of the following:

- To adjust the tilt of the TV, loosen the nuts on the side of the horizontal bracket. Adjust the TV to the position that you want it in, and then tighten the nuts on the side of the horizontal bracket. (figure 11)
- To swivel the TV right or left, loosen the rear retainer bolt. Adjust the TV to the position that you want it in, and then tighten the rear retainer bolt. (figure 11)

figure 11



# Technical support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **[www.startech.com/support](http://www.startech.com/support)** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **[www.startech.com/downloads](http://www.startech.com/downloads)**

## Warranty information

This product is backed by a five-year warranty.

StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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