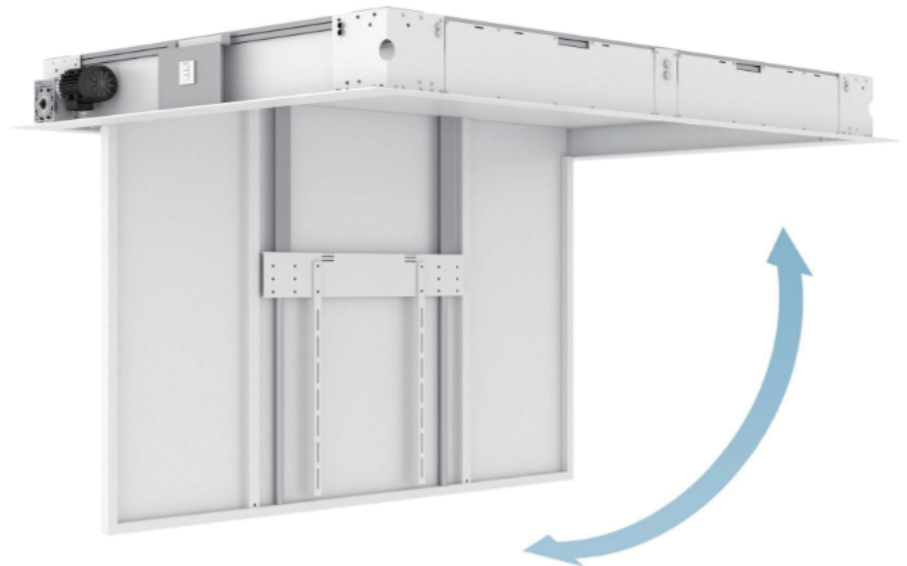


# Installation manual

## M Motorized Ceilingmount Inverted w/lid 65"-86"

EAN: 7350105215261

- en Installation manual
- ar تثبيت الجال ليد
- cz Instalační manuál
- da Installationsmanual
- de Installationsanleitung
- ee Paigaldusjuhend
- el Οδηγίες εγκατάστασης
- es Manual de instalación
- fi Asennusohje
- fr Installation Manuel
- he הנקתה יירדמ
- hu Szerelési kézikönyv
- it Manuale di installazione
- jp 取り付け説明書
- kr 설치 설명서
- li Montavimo instrukcija
- lt Uzstādīšanas rokasgrāmata
- nl Installatie handleiding
- no Installasjonshåndbok
- pl Instrukcja instalacji
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- sl Navodila za montažo
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- tr Montaj kılavuzu
- zh 安装手册



**en** **IMPORTANT!**  
Your Plasma, LCD, TV, Projector, Projector Screen or other HiFi equipment represents a considerable value.  
If screws are included they may not be suitable for the material of your wall, ceiling or floor. Replace the screws with suitable ones if needed.  
In case you are unsure regarding any aspects of the mounting of this product please Consult a professional.

**ar** **أهم!**  
تَل شائفة البلازما أو LCD أو الثقفز أو جهاز العرض أو شائفة جهاز العرض أو أجهزة هاي فاي الأخرى أجهزة ذات قيمة عالية.  
اكتفت البراغي مرفقة، فقد لا تكون مناسبة لمادة الجدار أو السقف أو الأرضية.  
تبدل بالبراغي أخرى مناسبة إذا لزم الأمر.  
هالة عدم المماكة بأي جزئية من جزئيات تركيب هذا المنتج، يرجى استشارة فني متخصص.

**cz** **DŮLEŽITĚ!**  
Váš plazmový nebo LCD televizor, projektor, plátno a další elektrotechnické vybavení je vysoce hodnotné.  
Pokud jsou součástí balení produktu šrouby, zkontrolujte, zda jsou vhodné pro upevnění ke stěně, stropu nebo podlaze v místě instalace.  
V případě, že nebudou přibalené šrouby vyhovovat, vyměňte je.  
Pokud budete mít při montáži tohoto produktu potíže, obraťte se na zkušeného odborníka.

**da** **VIGTIGT!**  
Din plasmaskærm, LCD-skærm, tv, projektor, projektorskærm eller andet HiFi-udstyr repræsenterer en betydelig værdi. Hvis der medfølger skruer, passer de muligvis ikke til materialet i væggen, loftet eller gulvet. Udskift skruerne med passende skruer, hvis det er nødvendigt.  
Hvis du er i tvivl om noget i forbindelse med monteringen af produktet, skal du kontakte en ekspert.

**nl** **BELANGRIJK!**  
Uw Plasma, LCD TV, Projector, Projector scherm of andere HiFi-apparatuur vertegenwoordigt een aanzienlijke waarde.  
Het kan zijn dat de bijgeleverde schroeven niet geschikt zijn voor uw toepassing. In dat geval dient u ze te vervangen door schroeven die wel geschikt zijn. Twijfelt u, raadpleeg dan een professional.

**ee** **TÄHTIS!**  
Teie teler, projektor, projektori ekrään või muu HiFi seade on suure väärtusega.  
Kui kinnitusel on komplektis paigalduskruvid, siis ei pruugi need sobida Teie seinä, lae või põranda materjaliga. Vajadusel vahetage kruvid sobivate vastu.  
Kui Te ei ole seadme paigaldamise detailides kindel, siis konsulteerige spetsialistiga.

**de** **ACHTUNG!**  
Ihr Plasma-, LCD-, TV-Gerät, Ihr Projektor, Ihre Leinwand oder sonstige HiFi-Ausrüstung stellen einen beträchtlichen Wert dar. Die möglicherweise im Lieferumfang enthaltenen Schrauben sind unter Umständen nicht für das Material ihrer Wände, Decken oder Böden geeignet. Ersetzen Sie sie bei Bedarf durch geeignete Schrauben.  
Wenn Sie bezüglich der Montage des Produkts unsicher sind, wenden Sie sich an einen Fachman

**el** **ΣΗΜΑΝΤΙΚΟ!**  
Οι τηλεοράσεις Plasma, LCD, α κανονικές τηλεοράσεις, οι οθόνες προβολέων ή άλλες συσκευές HiFi έχουν μία αξιοσημείωτη αξία. Αν περιλαμβάνονται βίδες ή σπας να μην είναι κατάλληλες για το υλικό του τοίχου, του ταβανιού ή του πτωμόστός σας. Αντικαταστήστε τις βίδες με κατάλληλες αν είναι απαραίτητο.  
Στην περίπτωση που δεν είστε σίγουροι για κάποιες ζητήματα σχετικά με την προσάρτηση αυτού του προϊόντος, παρακαλούμε συμβουλευτείτε έναν ειδικό.

**es** **IMPORTANTE!**  
Los equipos de plasma o LCD, los televisores, proyectores y pantallas de proyección, así como otros equipos de alta fidelidad suponen una inversión considerable. Si incluyen tornillos, puede que no sean adecuados para el material del que estén formados la pared, el techo o el suelo. Sustituya estos tornillos por otros más adecuados si es preciso.  
Si no está seguro sobre cualquier aspecto del montaje de este producto, consulte a un profesional.

**fi** **TÄRKEÄÄ!**  
Plasma- tai nestekidenäyttöjen, televisioiden, projektorien ja niiden valkokankaiden sekä muiden hiifi-laitteiden arvo on huomattava. Laitteen mukana toimitettavat ruuvit eivät välttämättä sovellu seinien, katon tai lattian materiaaliin. Korvaa ne tarvittaessa sopivilla ruuveilla.  
Mikäli olet epävarma mistä tahansa tämän tuotteen kiinnittämisessä liittyvästä seikasta, ota yhteys asiantuntijaan.

**fr** **IMPORTANT!**  
Vos écrans plasma, LCD, télévisions, projecteurs, écrans de projection ou autre matériel Hi Fi ont une valeur considérable. Les vis fournies peuvent ne pas être compatibles à la nature de vos murs, plafonds et sols. Remplacez-les par des vis adaptées.  
Si vous avez des doutes quant au montage de ce produit, veuillez consulter un professionnel.

**hu** **FONTOS!**  
Plazma, LCD TV-d, projektorod, vetítővásznad vagy egyéb műszaki berendezéseid tekintélyes értéket képvisel. Ha a csavarokat tartalmazza, akkor sem biztos, hogy alkalmas a berendezés, hogy falra, mennyezetre, vagy a padlóhoz rögzítsd. Cseréld ki a csavarokat a megfelelőre, ha szükséges. Abban az esetben, ha nem biztos a termék beépítésével kapcsolatban, forduljon szakemberhez.

**it** **IMPORTANT!**  
I vostri plasma, LCD, TV, proiettori, schermi di proiezione o altri apparecchi Hi-Fi rappresentano un notevole investimento. Le viti in dotazione potrebbero rivelarsi non adatte per il materiale della parete, del soffitto o del pavimento. Sostituitele quindi con viti più idonee in caso di necessità.  
Nel caso riscontriate problemi nel montaggio di questo prodotto, consultate un tecnico specializzato.

**jp** **重要!**  
あなたのプラズマ、LCDは、テレビ、プロジェクタ、プロジェクタースクリーンまたは他のハイファイ機器はかなりの値を表します。  
ネジが含まれている場合、彼らはあなたの壁、天井や床の材質に適していないかもしれませぬ。  
必要に応じて適切なものでネジを取り付けます。  
ケースでは、本製品の取り付けのいずれかの側面に不十分な点があるプロに相談してください。

**no** **VIKTIG!**  
Din plasma, LCD, TV, projektor, projektorskjerm eller annet HiFi-utstyr har betydelig verdi. Hvis skruer følger med, er det ikke sikkert at de passer til materialet i veggen, taket eller gulvet. Bytt skruene i skruer som er egnet om nødvendig.  
Hvis du er usikker når det gjelder monteringen av dette produktet, må du kontakte en profesjonell.

**pl** **UWAGA!**  
Monitor plazmowy, LCD, telewizor, projektor, ekran projekcyjny lub inny sprzęt HiFi stanowi znaczną wartość. Jeśli dołączono do niego śruby mocujące, mogą one nie być odpowiednie do materiału, z którego wykonane są dane ściany, sufit lub podłoga. W razie potrzeby należy je zastąpić odpowiednimi śrubami.  
W razie jakichkolwiek wątpliwości dotyczących montowania tego urządzenia należy zasięgnąć porady u specjalisty.

**pt** **IMPORTANT!**  
O seu Plasma, LCD, TV, projetor, tela de projeção ou outro equipamento de HiFi representa um valor considerável.  
Se os parafusos estão incluídos eles podem não ser adequados para o material da sua parede, teto ou chão.  
Substitua os parafusos com os adequados, se necessário.  
Em caso de dúvida sobre quaisquer aspectos da montagem deste produto, consulte um profissional.

**li** **SVARİĞI!**  
Jūsu Plasma, LCD, TV, projektor, projektora ekrāns vai cita HiFi iekārta veido ievērojamu vērtību.  
Iekārtās skrūves var būt nepiemērotas jūsu sienā, griestu vai grīdas materiāliem. Nomainiet skrūves ar piemērotām skrūvēm, ja nepieciešams.  
Gadījumā, ja jūs neesat pārliecināts par jebkuriem šo produktu montāžas un stiprinājumu aspektiem, lūdzu, konsultēties ar speciālistu

**lt** **SVARBU!**  
Jūsų plazminis TV, LCD, LED televizorius, projektorius, projektoriaus ekranas ar kita HiFi įranga turi didelę vertę.  
Jei varžtai yra komplekte, jie gali netikti pas Jus panaudotoms sienų, lubų ar grindų medžiagoms.  
Pakeiskite varžtus į tinkamus, jei reikia.  
Jei nesate tikras dėl bet kurio šio produkto montavimo aspekto - prašome kreiptis į profesionalus.

**ro** **IMPORTANT!**  
Plasma ta, LCD, TV, projector, ecran de proiectie sau alte echipamente HiFi reprezintă o valoare considerabilă.  
În cazul în care șuruburile sunt incluse ele nu pot fi potrivite pentru materialul peretelui dvs., tavan sau podea.  
Remontați șuruburile cu cele adecvate, dacă este necesar.  
În cazul în care nu sunteți sigur cu privire la orice aspecte ale montării acestui produs vă rugăm să consultați un profesionist.

**ru** **ВНИМАНИЕ!**  
Каким бы оборудованием HiFi вы ни пользовались, будь то плазменный, ЖК или стандартный телевизор, проектор или проекционный экран, - все они представляют значительную ценность. Не всегда крепления, прилагаемые в комплекте, подходят к материалу ваших стен, потолка или пола. При необходимости замените их на более подходящие.  
Если у вас есть какие-либо сомнения относительно того, как крепить данный продукт, пожалуйста, проконсультируйтесь у квалифицированного специалиста.

**sv** **VIKTIG!**  
Din plasmaskärm, LCD-skärm, TV, projektor, projektorskärm eller annan HiFi-utrustning representerar ett ansenligt värde. Om skruvar medföljer utrustningen är det inte säkert att de passar för materialet i väggen, taket eller golvet! Byt ut skruvarna mot lämpliga skruvar om så krävs. Kontakta en expert om du är osäker på något i samband med monteringen av produkten.

**sk** **DŮLEŽITĚ!**  
Váš plazmový alebo LCD televizor, projektor, plátno a ďalšie elektrotechnické vybavenie je vysoko hodnotné.  
Pokiaľ sú súčasťou balenia produktu skrutky, skontrolujte, či sú vhodné pre upevnenie k stene, stropu alebo podlahe v mieste inštalácie.  
V prípade, že nebudú pribalené skrutky vyhovovať, vymeňte ich.  
Pokiaľ budete mať pri montáži produktu potiaže, obráťte sa na skúseného odborníka

**sl** **POMEMBNO!**  
Vaš Plasma, LCD, TV, projektor, projekcijsko platno ali drugo HiFi oprema predstavlja pomembno vrednost.  
Če so vključeni vijaki ne smejo biti primerni za material svojega steno, strop ali tla.  
Ponovno namestite vijake z ustreznimi tiste, če je potrebno.  
V primeru, da ste prepričani o vseh vidikih vgradnje tega izdelka se obrnite na strokovnjaka.

**tr** **ÖNEMLİ!**  
Plazma, LCD, TV, Projektör, Projektör Ekranınız veya diğer HiFi cihazınız son derece değerlidir. Birlikte verilen vidalar duvar, tavan veya döşeme teçhizatınıza uygun olmayabilir. Gerektiğinde vidaları uygun olanlarla değiştirin.  
Bu ürünün monte şekilleri ile ilgili sorunlarınız olmasa halinde bir uzmandan yardım alın.

**zh** **重要提示!**  
您的等离子、LCD、TV、投影机、投影机屏幕或其它HiFi设备都有着不菲的价值。如果附带有螺钉它们可能不适合您的墙壁、天花板或地板。如果需要请将螺钉更换为适当的型号。  
如果对本产品安装的任何方面有疑问请咨询专业人士。

**Warning!**

Always check the depth of the holes before starting an installation.

**تحذير**

الفحص دائماً عمق الثقوب قبل أن تبدأ في عملية التركيب.

**ADVARSEL!**

Kontroller altid hullernes dybde, før du går i gang med en installation.

**WARNUNG!**

Vor Beginn des Einbaus immer die Tiefe der Bohrungen überprüfen.

**ΠΡΟΕΙΔΟΠΟΙΗΣΗ!**

Ελέγχετε πάντοτε το βάθος των οπών προτού ξεκινήσετε την εγκατάσταση.

**WARNING!**

Always check the depth of the holes before starting an installation.

**¡AVISO!**

Controle siempre la profundidad de los agujeros antes de iniciar una instalación.

**VAROITUS!**

Selvitä reikien syvyys ennen asentamisen aloittamista.

**ATTENTION !**

Vérifiez toujours la profondeur des trous avant de commencer l'installation.

**ATTENZIONE!**

Verificare sempre la profondità dei fori prima dell'installazione.

**Varován!**

Před začátkem instalace vždy zkontrolujte potřebnou hloubku všech otvorů.

**ADVARSEL!**

Sjekk alltid hvor dype hullene er før du begynner å montere.

**OSTRZEŻENIE!**

Przed przystąpieniem do montażu należy koniecznie sprawdzić głębokość otworów.

**ПРЕДУПРЕЖДЕНИЕ!**

Перед установкой всегда проверяйте глубину отверстий.

**WARNING!**

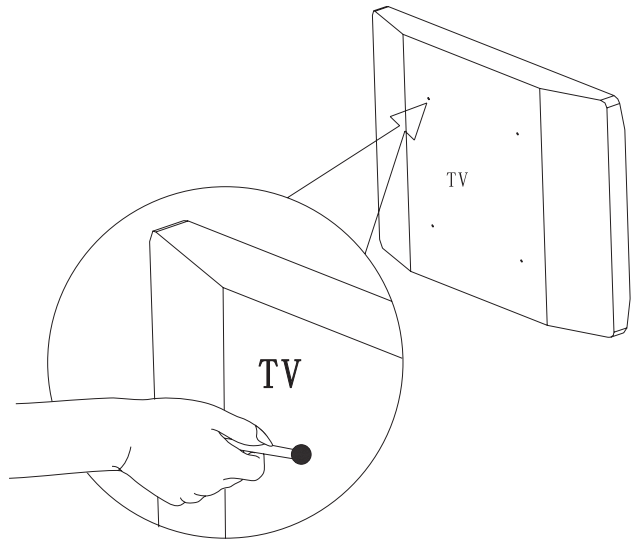
Kontrollera alltid hållens djup innan en installation påbörjas.

**UYARI!**

Montaja başlamadan önce daima deliklerin derinliğini kontrol edin.

**警告!**

请始终在安装前检查孔洞的深度。

**WARRANTY CARD**

MULTIBRACKETS.COM

**MULTIBRACKETS™ Limited Warranty**

Multibrackets warrants its products to be free of defects in material and workmanship for the product's Warranty Period. The Warranty Period commences on the original purchase date of the product.

All Multibrackets products are covered by a limited product warranty:

- FIVE (5) years for metal video monitor mounts; all racks and non-electrical rack accessories
- TWO (2) years for gaslifts and sit-stand workstations
- ONE (1) year for all motorized and/or automated products, plastic speaker mounts; all speaker stands; all furniture; all wood (MDF) accessories

For warranty claims made during the Warranty Period, MULTI-BRACKETS will replace any defective product part free of charge. Should a part on your Multibrackets product fail, please create an RMA case on [www.multibrackets.com/support](http://www.multibrackets.com/support) to make a warranty claim. We will await your documentation and then discuss the problem with you and once we confirm the product is under warranty, we will ship replacement parts to you. This Limited Warranty does not cover the costs of removing and replacing defective parts from your Multibrackets product. So, if your problem requires a repair technician, you must pay any labor charges.

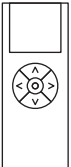
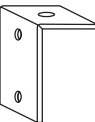
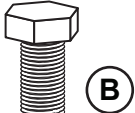

This Limited Warranty extends only to the original purchaser of the product and is automatically void if your Multibrackets product is modified in any way, improperly installed, taxed beyond its stated weight capacity or otherwise misused or abused. All Multibrackets products are intended for indoor use only and any

outdoor use voids this Limited Warranty. The Limited Warranty for wall and ceiling mounts is void if the mount is moved from its initial installation. To the maximum extent permitted by applicable law, Multibrackets disclaims any other warranties, express or implied, including warranties of fitness for a particular purpose and warranties of merchantability. Multibrackets will not be liable for any damages whatsoever arising out of the use or inability to use its products, even if Multibrackets has been advised of the possibility of such damages. To the maximum extent permitted by applicable law, Multibrackets disclaims any responsibility for incidental or consequential damages.

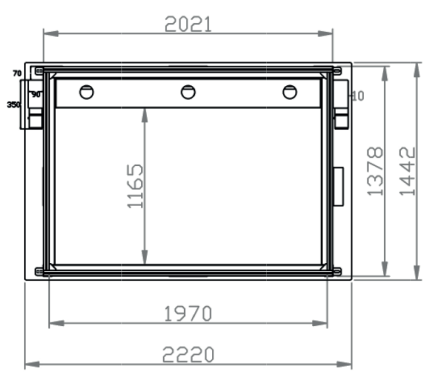
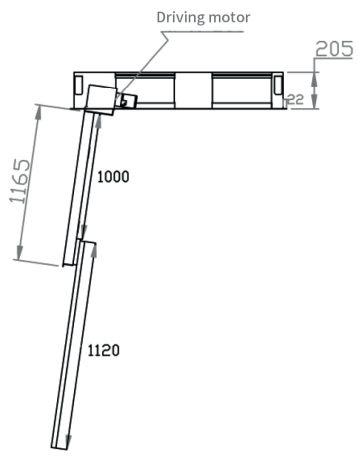
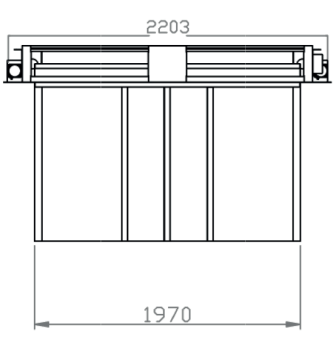
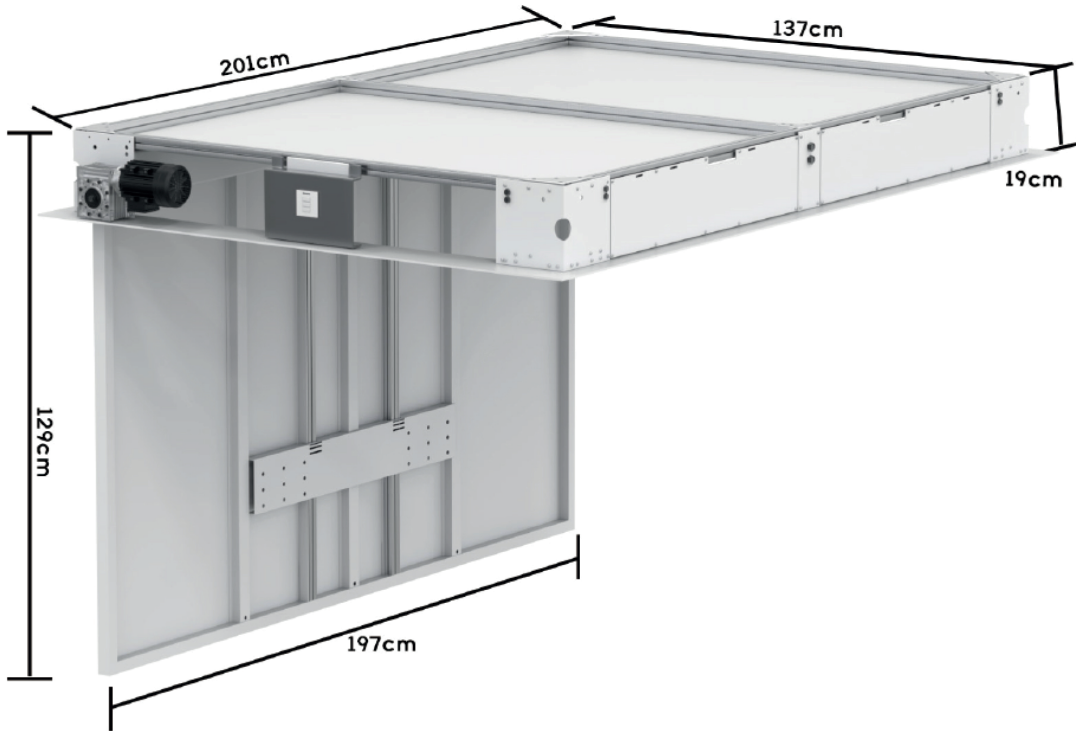
Multibrackets™ Stockholm Sweden 2022  
[www.multibrackets.com](http://www.multibrackets.com)

The content of this manual is subject to change without further notice. The latest version of this manual can be found online under the product name on the website: [www.multibrackets.com](http://www.multibrackets.com)

**Parts**

 <p>Remote control (x1)</p>	 <p>Angle iron (x4)</p>	 <p>MZ 4.8 short screw (x22)</p>	 <p>Small screw (x8)</p>
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# Product dimensions

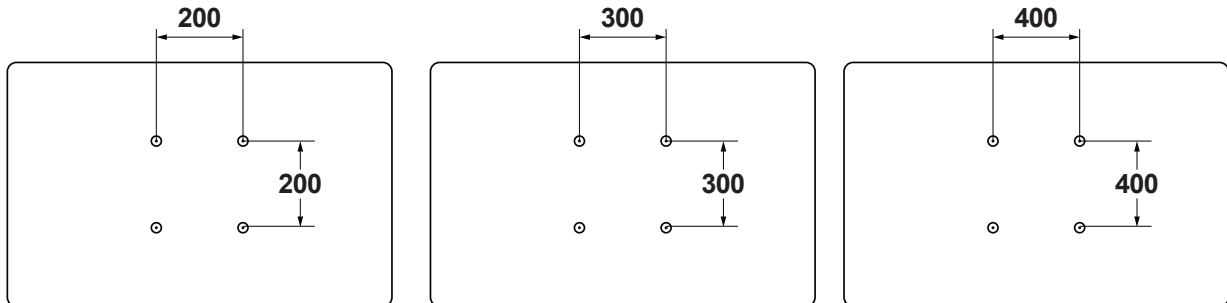


The size of the installed TV is less than 1930x1130mm.  
TV hole distance can be installed: Width 200, 300, 400, 600 and 800.

Dimensions of ceiling openings (note that the position of the motor needs to leave a gap).

## Suitable VESA:

200x200, 300x200, 300x300, 400x200, 400x400, 600x400, 600x600mm.



## Installation notes:

1. Always consult a professional installer for mounting this ceiling mount
2. Fix the mounting frame provided with the product in the ceiling through the expansion screws.
3. Attach the ceiling mount onto the mounting frame and lock it with four (4) M6 screws to prevent it from slipping.
4. According to the actual size of the screen/display, adjust the arm bracket that is provided with the ceiling mount to a suitable position.

# Product installation

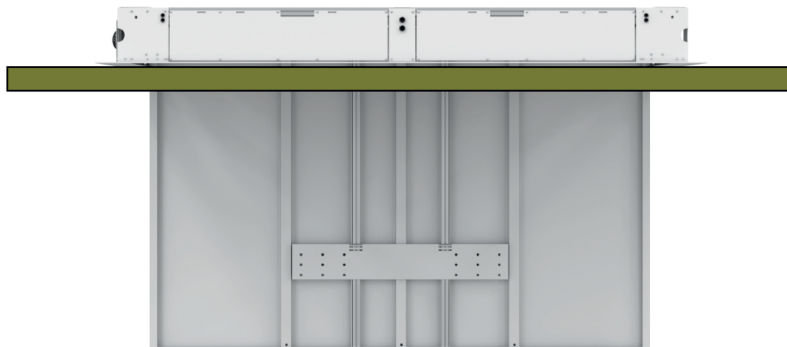
1. Fix the product mounting bracket to the ceiling by fixing hooks.



2. Attach the ceiling mount onto the mounting frame and lock it with four (4) screws to prevent it from slipping.



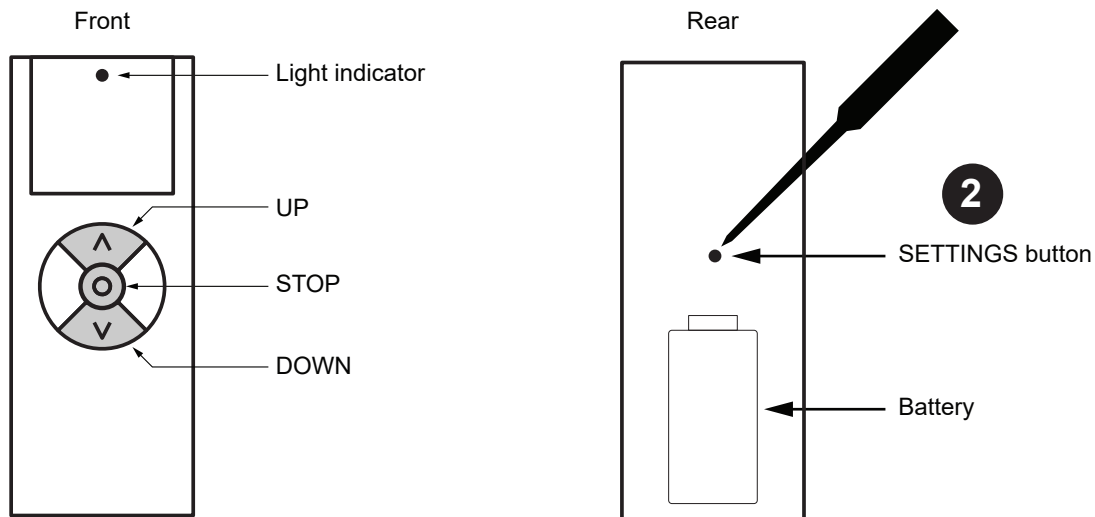
3. According to the actual size of the screen/display, adjust the arm bracket that is provided with the ceiling mount to a suitable position.



# Remote control

## Operating instructions

### Buttons



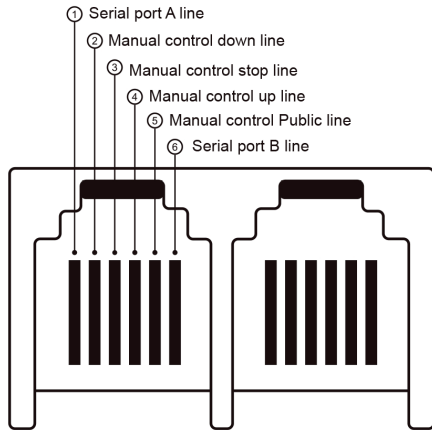
1. Press the up, stop, and down buttons of the remote control, and the TV Flip will perform the up, stop, and down actions respectively.
1. Central control serial port control.
  1. Single wireless remote control, one to one control.
  2. Wireless remote control grouping control, up to five groups, multiple machines grouping, one remote control control operation method. When the power is turned on, press and hold the "function button" on the elevator panel for about 2 seconds, the indicator light next to it will start to flash, and then press the code matching button on the back of the remote control for about 1 second, and the indicator light stops flashing. Then the code is successful. The machine can be controlled with the remote control. Repeat the above operation if unsuccessful.

# RS232 control or RS485 control

(No extension type)

Learn mode

Control



## RS232 control or RS485 control

Machine connection ①pin (signal grounding) ⑥pin (signal receiving)

**Serial port settings:** Baud rate 2400

**Data bits:** 8

**Parity bits:** N

**Stop bits:** 1

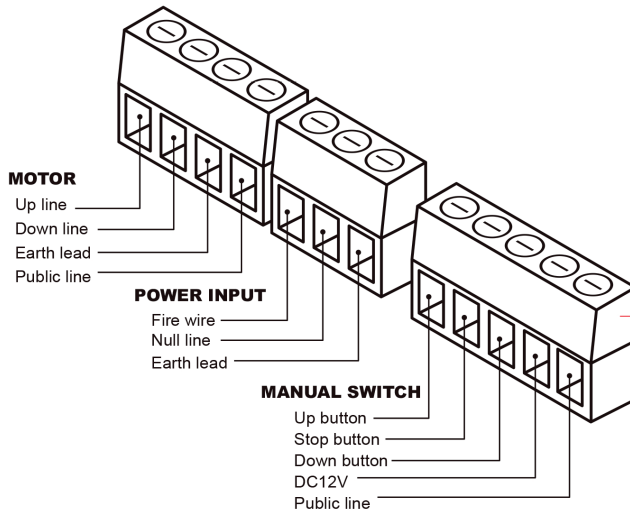
**Group control code:** hexadecimal

**Ascent:** 9a 00 01 00 0a (repeat five times)

**Stop:** 9a 00 01 00 0a cc c7 (repeat five times)

**Descend:** 9a 00 01 00 0a ee e5 (repeat five times)

# Central control wiring



## Central control wiring

The interface adopts 6P crystal head wiring

### Contact control

Weak current relay

② Down ③ Stop ④ Up ⑤ Public

② and ⑤ Touch down once

③ and ⑤ Touch to stop

④ and ⑤ rise when touched



# 232 control

(Extension type)

## 1. RS232 connection line

Use the RS232 crossover cable (2-3-5 to 3-2-5) to connect the first smallpox flipper to the central control 232 serial port;

Use RS232 direct connection (2-3-5 to 2-3-5) between each ceiling flipper.

## 2. RS232 port settings:

Baud rate 2400

Data length 8

Parity N

Stop bit 1

## 3. Centralized control code:

The machine has a default hexadecimal code that can control all ups and downs when leaving the factory:

FF 10 11 00 DD all up

FF 10 11 00 EE all down

FF 10 11 00 CC all stop

## 4. Marshal control method:

In addition to the default control code, the machine can also log in new codes. However, it is recommended that each machine does not exceed 3 codes at most.

The login code steps are as follows:

First, set the 232 serial port according to the above settings.

Then, connect the cable according to the above wiring method.

Secondly, fill in the hexadecimal code (learning code) in the serial port control software

FF 10 11 01 AA FF 10 11 01 AA FF

10 11 01 AA FF 10 11 01 AA;

Where 01 means the machine is defined as 01, if there are multiple machines, it can be defined as 02 or 03, etc. However, if multiple machines learn the same code, it means multiple The machines are defined as the same group and will move up and down at the same time.

IMPORTANT: Don't send it after the code is filled out.

Finally, press and hold the "function key" on the side panel of the ceiling turner for about 1 second, and the red indicator light of the control box will start to flash slowly.

Immediately release the button and send the code in the serial port control software, the indicator light will receive the code and stop flashing, the code login is successful.

## 5. Control code:

After the code is logged in, the machine can be controlled with 232 code.

The control code is as follows:

FF 10 11 01 DD rises;

FF 10 11 01 EE drops;

FF 10 11 01 CC stop;