

MK1

Installation manual

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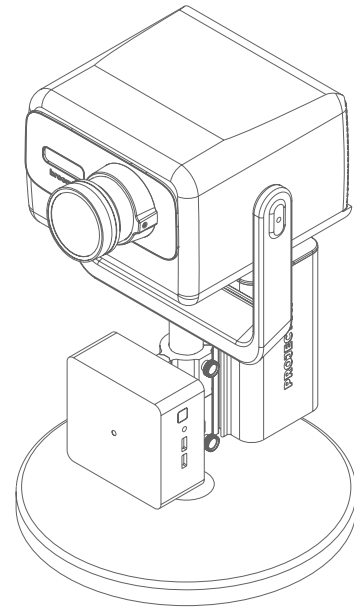
Warranty

Mounting options

The MK1 immersive projector offers a wide range of mounting options depending on the specific needs and the characteristics of the projection space. The optimal height from the projector lens to the ground is 1,50 m (59").

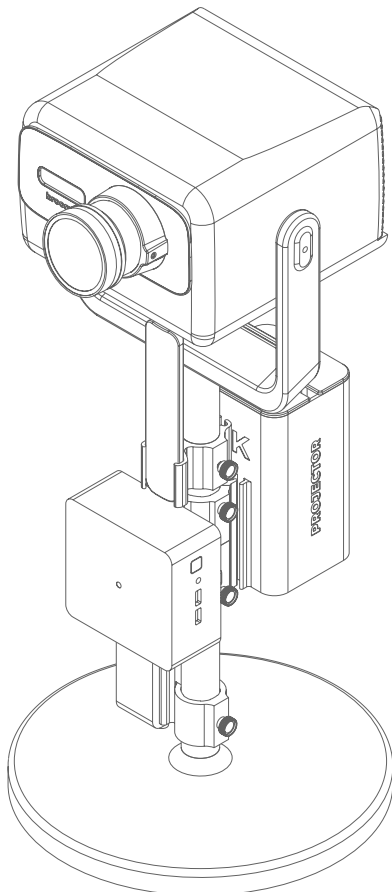
Shelf

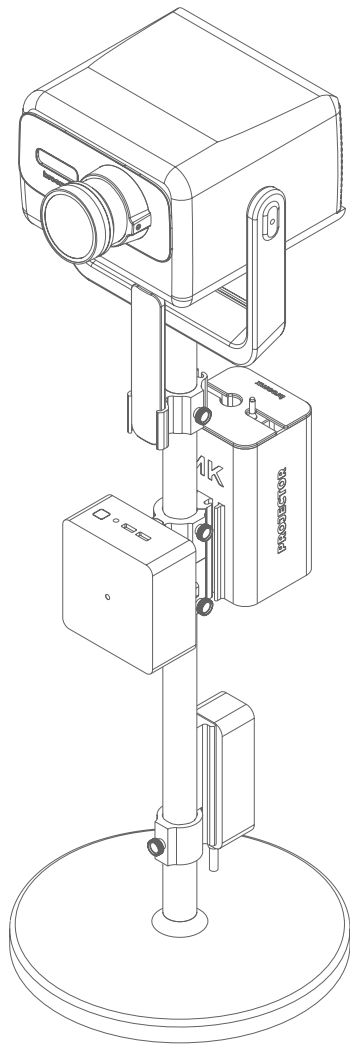
Height: 40 cm (15,7")



Desk Low

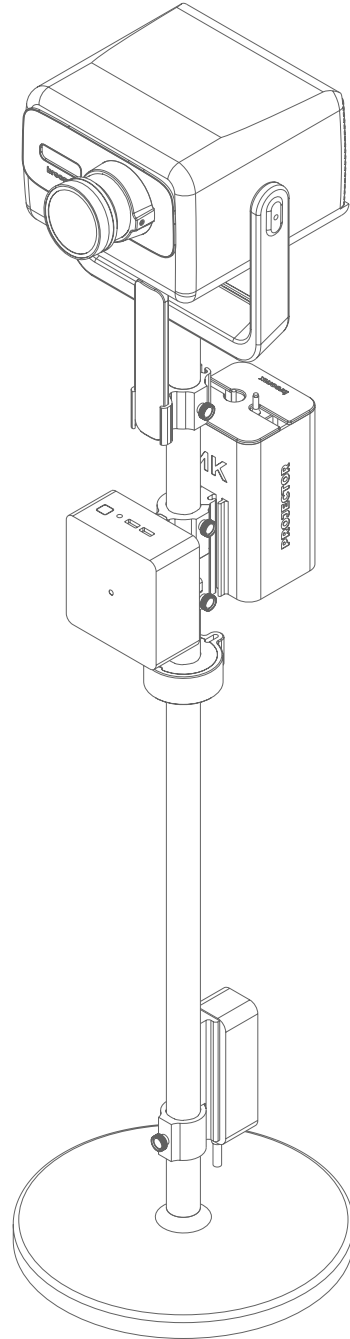
Height: 60 cm (23,6")





Desk High

Height: 87,5 cm (34,4")

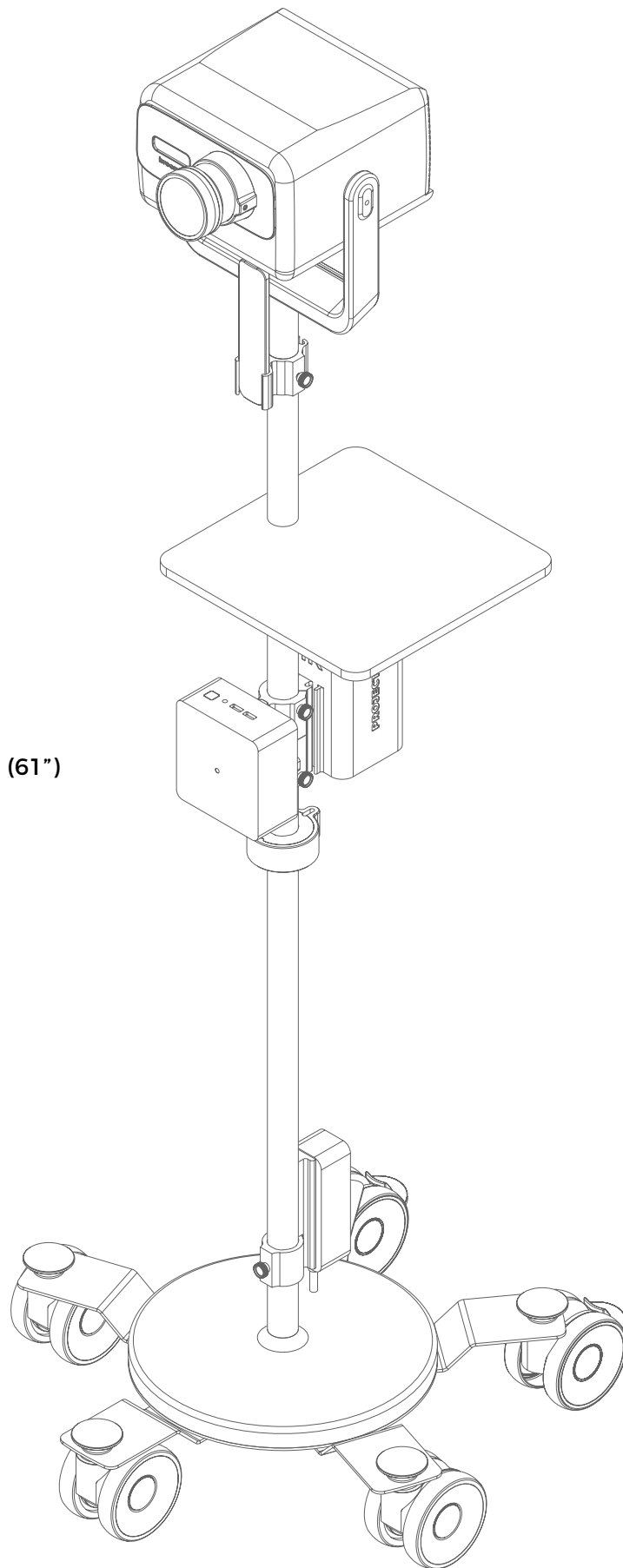


Floor

Height: 120 cm (47,2")

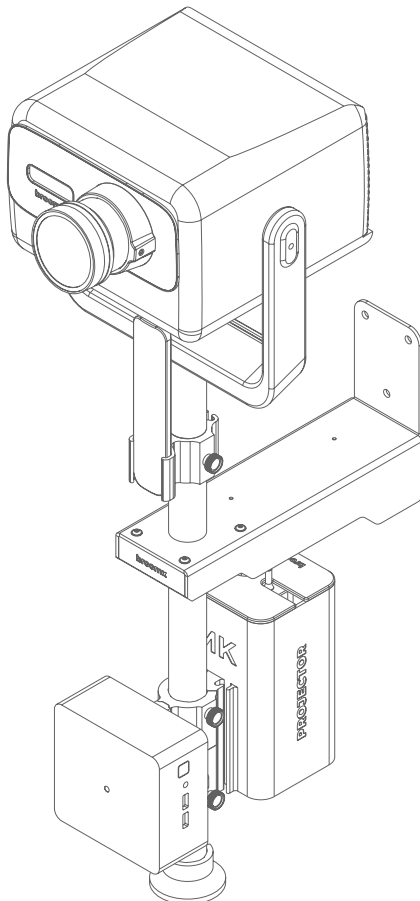
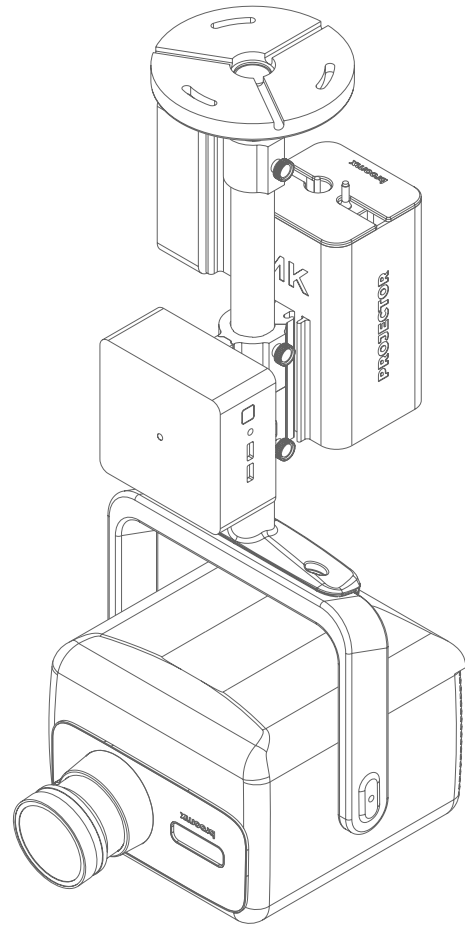
Trolley

Height: 155 cm (61")



Ceiling

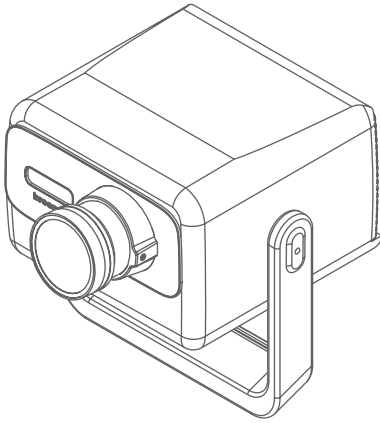
Height: 60 cm (23,6")



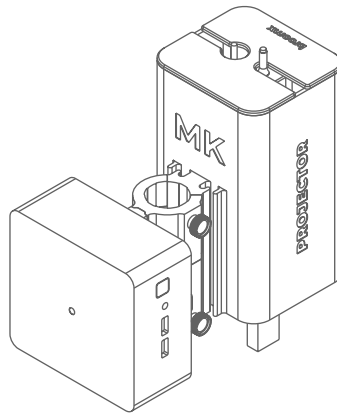
Wall

Height: 70 cm (27,6")

Content of package



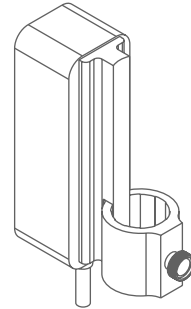
4K projector + fisheye lens



Power backpack

Includes:

- CPU
- CPU power adaptor
- Projector power adaptor



Connection strip

(except options

Shelf and Wall)



Rod 10 cm (3,93")

(only options Shelf and Wall)



Rod 30 cm (11,81")

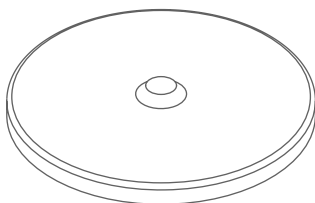
(only options Desk Low and Ceiling)



Rod 60 cm (23,6")

(only options Desk High, Floor and Trolley)

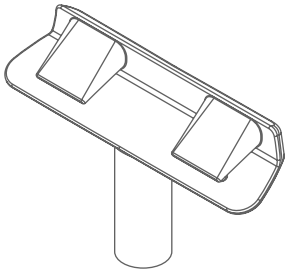
(x2 option Trolley)



Base du support sol

(sauf options Ceiling et Wall)

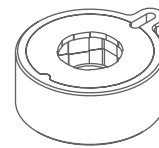
Content of package



T-shaped gimbal



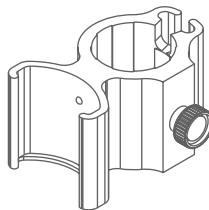
Projector screws x2



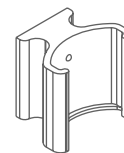
Rod connector
(only options Floor and Trolley)



Remote control
Includes: AAA batteries x2

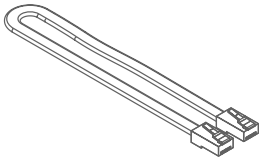


Remote control holder
(except option Ceiling)

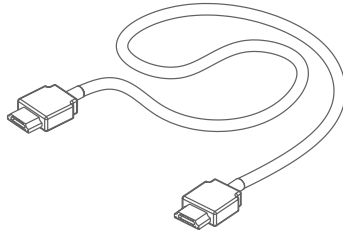


Remote control wall holder
(only option Ceiling)

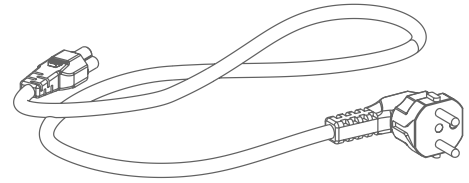
Content of package



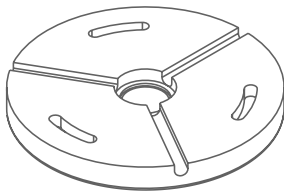
LAN cable



HDMI cable



IEC C5 power cable x2



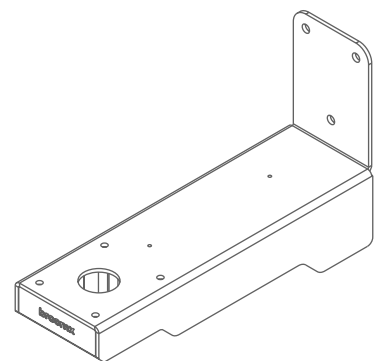
Floor stand base
(except options Ceiling
and Wall)



Allen wrench
2 mm



Wall / ceiling screws x3
(only options Ceiling and Wall)



Wall mount base
(only option Wall)

Installation

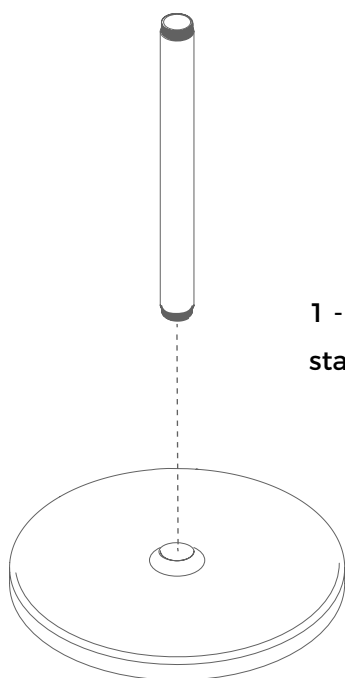
Preparing the projection space

Before proceeding with the installation of the Broomx MK1 immersive projector, please make sure the projection space fulfills the required specifications and that a wired internet connection is available.

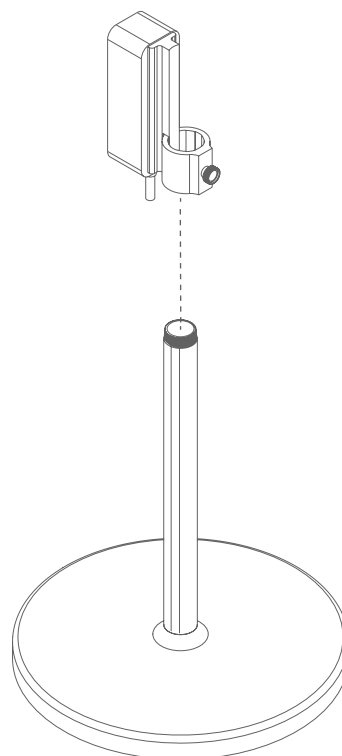
Please consult the corresponding documentation from our [help center](#).

Contact our technical [support team](#) for any doubts.

Installation (Shelf, Desk Low, Desk High, Floor)

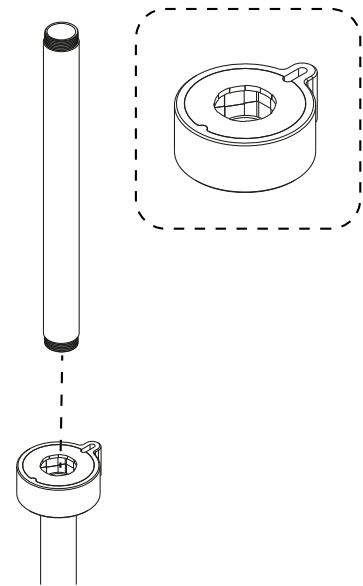


1 - Screw the rod to the floor stand base.

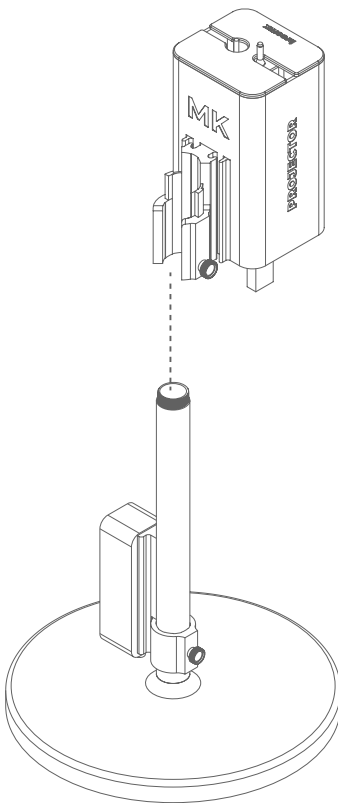


2 - Insert the connection strip onto the rod and fasten using the tightening knob.
(except option Shelf)

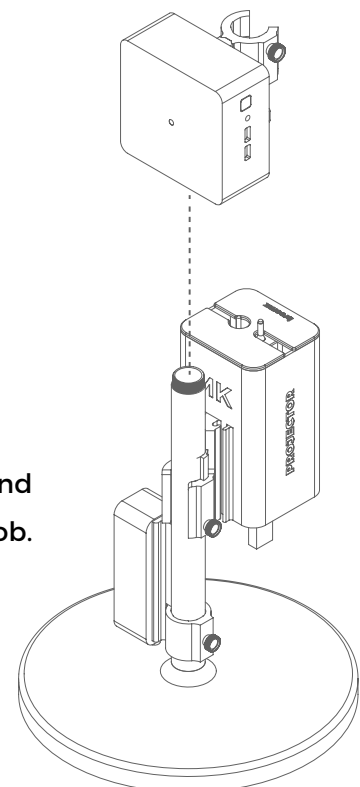
3 - Connect the rods using the rod connector. (only option Floor)

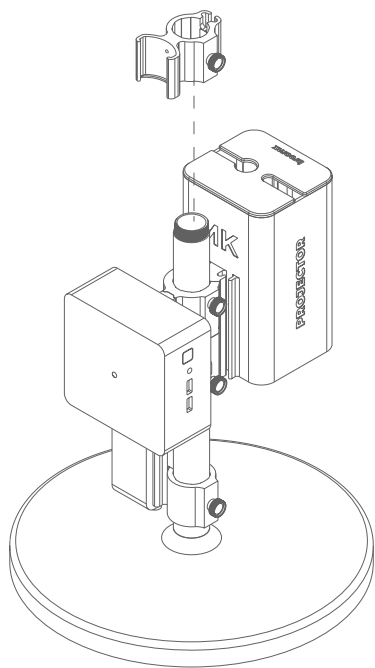


4 - Insert the Power Backpack onto the rod and fasten using the tightening knob.

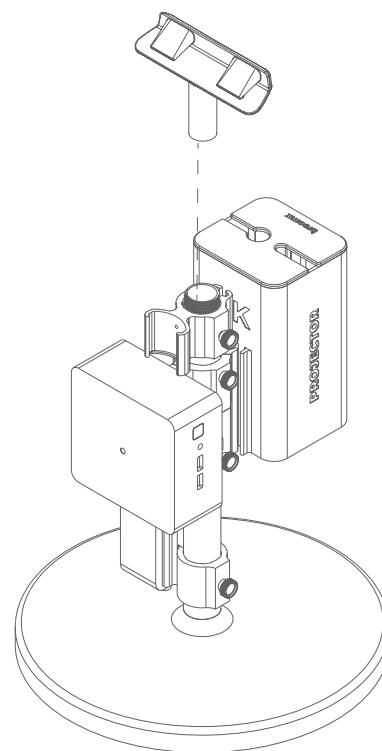


5 - Insert the CPU onto the rod and fasten using the tightening knob.

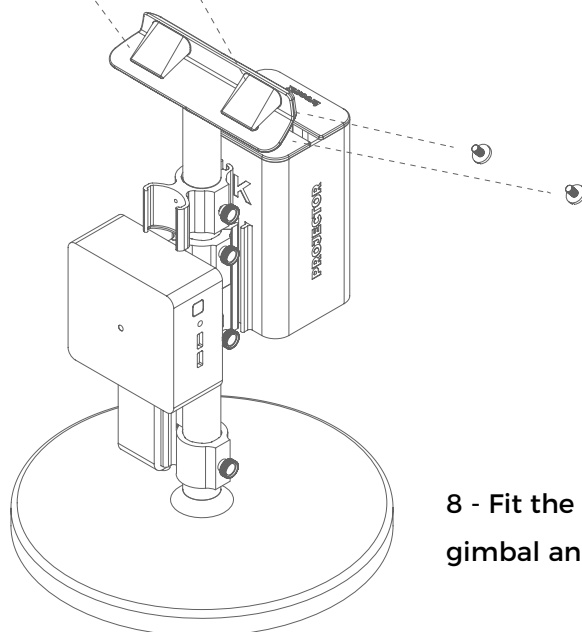
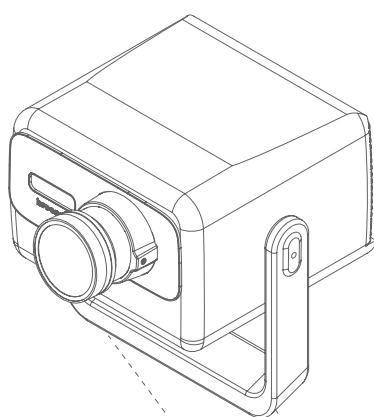




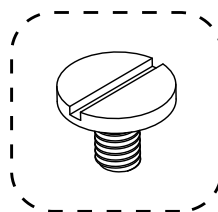
6 - Insert the remote control holder onto the rod and fasten using the tightening knob.



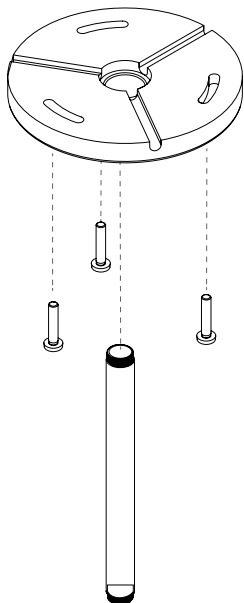
7 - Screw the T-shaped gimbal to the rod.



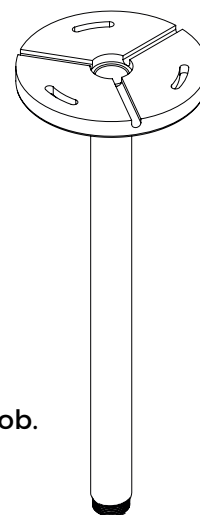
8 - Fit the projector to the T-shaped gimbal and screw tightly into place.



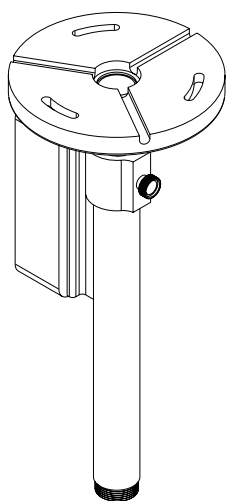
Installation (Ceiling)



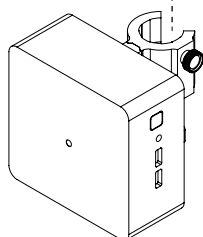
1 - Drill 3 holes in the desired position for the projector, insert the anchor plugs, place the ceiling mount base and tighten into place using the 3 wall screws. Then, screw the rod to the ceiling mount base.



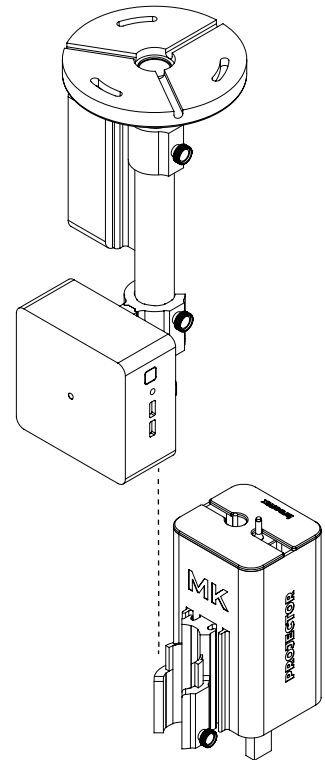
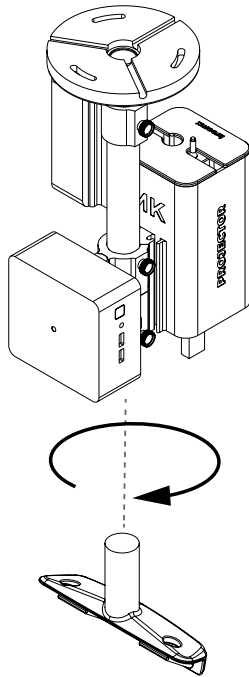
2 - Insert the connection strip onto the rod and fasten using the tightening knob.



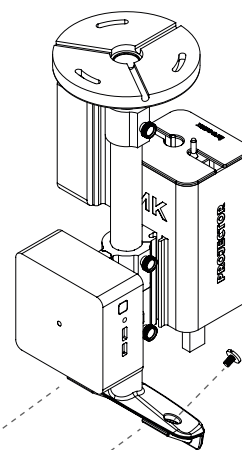
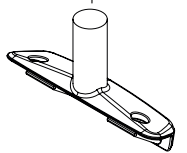
3 - Insert the CPU onto the rod and fasten using the tightening knob.



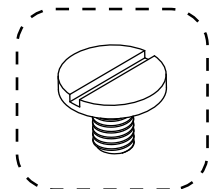
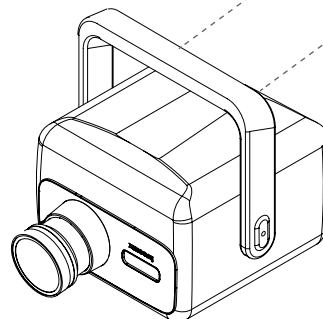
4 - Insert the Power Backpack onto the rod and fasten using the tightening knob.



5 - Screw the T-shaped gimbal to the rod.



6 - Fit the projector to the T-shaped gimbal and screw tightly into place.



* Place the remote control wall holder to the desired position using the adhesive surface.

Connections

1. Connect the HDMI cable to the “HDMI” connection of the CPU.
2. Connect the other end of the HDMI cable to the “HDMI (eARC)” connection of the projector.
3. Connect the CPU to its power adapter in the power adapter holder.
4. Connect the CPU to its power adapter in the power adapter holder.
5. Connect both power adapters to the power connection strip.
6. Connect the CPU to a router / internet connection socket using the LAN cable.
7. Connect the external speakers to the minijack connection of the CPU (optional).

Power on / off

Power on

1. Power on the projector using the remote control.
2. Connect the tablet / smartphone / PC to the projector's WiFi network:
 - Network: **MK#**
 - Password: **broomxnet**
3. Open a web browser and enter the following URL:
 - **<http://broomx.control>**
4. Navigate to the “Sessions” section and select any content for playback.

Power off

1. Stop the content being played back, or navigate to: Menú > Settings > Standby.
2. Power off the projector using the remote control.
3. Only disconnect from power when transporting the projector to another location. Before disconnecting from power, wait 3 minutes after powering off the projector.

If the connection fails or is unstable, please disable phone data and all automatic connection to other WiFi networks.

Adjusting the image

Projector position

- 3-5 m. (10-16 feet) from the main projection wall.
- Centered in the projection space.
- Perpendicular to the main projection wall.

Adjusting the focus

1. Press the “Settings” button on the remote control.
2. Select: All Settings > Projector > Focus > Manual Focus.
3. Adjust the focus using the wheel on the remote control.
4. Exit the Settings menu.

* Just like human vision, the projected image is crisper in the center of the image and more blurry on the sides (peripheral vision).

Calibration process

1. Power on the projector and connect the control device (tablet / PC / smartphone).
2. Rotate the projector gimbal on the vertical axis so that the bottom limit of the projected image touches the floor.
3. In the control interface, navigate in the main menu (top right) to Settings > Projection > Calibrate.
4. Position the red vertical line in the center of the projection wall.
5. Position the red horizontal line so that it is straight and parallel to the floor across the projected surface.
6. If the red horizontal line cannot be leveled low enough, lift the “OffsetY” fader.
7. Disable the “Calibrate” function to save the changes.

Maintenance

- Clean the casing, lens and floor / ceiling support using isopropyl alcohol and a soft microfiber wipe.
- Do not spray the alcohol directly on the projector's components.

Safety warning

This product contains a laser module. Do not disassemble or modify the module in order to avoid personal injury.

As with any bright source, do not stare into the direct beam.

This product is a Class 1 laser product RG2 in compliance with IEC 60825-1:2014 and IEC 62471-2:2015.

Warranty

Whose Warranty is this?

Whose Warranty is this?

This limited consumer warranty (the "Warranty") has been issued by Broomx Technologies ("Broomx", "we" or "our").

Who is this Guarantee for?

Broomx has issued this Warranty to you, as a consumer who has purchased from Broomx, or from an authorized seller, a new product covered by warranty ("you"). This Warranty cannot be assigned or transferred to any buyer or subsequent user and is not available for products that are purchased already used or from a source other than Broomx or an authorized seller.

What does this Warranty do?

This Warranty gives you certain legal rights, regardless of other rights that you may have, which vary from state to state and from country to country. This Warranty does not affect any of the

rights that you have recognized under the laws of your jurisdiction in relation to the sale of consumer goods (including, without limitation, national laws that implement the European Directive 1999/44 / EC).

How long does the coverage last?

This Limited Warranty covers one (1) year from the date of purchase or shipment of the Product, whichever is later (the "Warranty Period"). However, if you purchased the Product within the European Union, the Warranty Period will be two (2) years.

What will Broomx do if there is a problem with the product?

If your Product is defective or malfunctions, we will repair or replace such Product or update software or support so that the Product behaves substantially in accordance with the Guaranteed Functionality. The criteria adopted to resolve these matters will be chosen solely by us. If we decide that a product should be replaced, the replacement may be for a new or remanufactured Product. If we decide, in our sole discretion, that none of the means referred to is reasonably adequate for the defect or malfunction, then we may refund the price you paid for the purchase of the Product.

How can I get assistance?

First, by informing us of the problem. If you have a problem with your Product, please visit us at www.broomx.com or send an email to support@broomx.com for useful assistance and contact information and to submit a claim form and obtain warranty service.

If it is necessary to send your Product to receive assistance, you will be responsible for the shipping costs, attaching the purchase receipt with the Product.

By shipping the Product, you agree to transfer possession of the Product to Broomx. Upon receipt of the product, we will assess whether there is a defect or malfunction that is covered by this Warranty. If we find a defect or malfunction covered by this Warranty, we will proceed to repair or replace the Product to provide it with the Guaranteed Functionality and we will send you the repaired or replaced Product assuming only the shipping costs. We may not return the original Product to you. We cannot guarantee that we will be able to repair the Product without risk or loss of content or files; Any replacement of Product will not contain the files saved in the original Product. Any repair or replacement of Product will continue to be covered by this Warranty during the remaining Warranty Period of the original Product or for ninety (90) days after receipt of the replaced or repaired Product, whichever is longer.

What does this Warranty not cover?

This Warranty is limited and does not apply to: (i) wear and tear, (ii) damage caused by improper use, accident (for example, accidental blow, exposure to liquids, food or other contaminants, etc.), negligence, abuse, Improper or unauthorized alteration, repair or modification, manipulation or use with inappropriate equipment, devices, software, services or other article (s) of unauthorized third parties; (iii) use not in accordance with the Product documentation; (iv) commercial use; (v) use in connection with a trade, business or profession; (vi) used or resold products; (vii) Products purchased from sources other than Broomx or Broomx authorized vendors (including unauthorized online auctions), (viii) Products other than Broomx; (ix) use of the Product in violation of any law, regulation or standard in force in the place where the Product is used; or (x) characteristics or behavioral parameters that pertain to any software or assistance beyond the Guaranteed Product Functionality.

This Warranty does not include a specific warranty that the product will be free from errors or a specific warranty regarding uptime or continued availability, security features of software data or online accounts, or the uninterrupted or error-free operation of any software, firmware or on-line site. This limited warranty is void if the Product is returned with labels removed, damaged or tampered with or with any alteration (including the unauthorized removal of any component or outer covering).

This Warranty does not cover loss of files; You are responsible for regularly making copies of your data, electronically or physically, if you wish to keep them. Any damage or costs related to data recovery, deletion or installation are not recoverable under this Warranty.

In this Warranty, Broomx does not extend any implied or legal warranties, conditions or statements regarding the Product or any related software or online assistance.

UNDER THIS LIMITED WARRANTY, BROOMX ASSUMES NO LIABILITY FOR ANY SPECIFIC, INDIRECT, INCIDENTAL, CONSEQUENTIAL DAMAGES, OR CONSEQUENTIAL DAMAGES, OF ANY KIND, PURSUING (BUT NOT EXCLUSIVELY) INJURY, PAYMENT OF LOSS, LOSS AND LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF ANY ITEM REPLACEMENT OR EQUIPMENT REPLACEMENT, OR LOSS OF USE DURING THE PERIOD IN WHICH THE PRODUCT IS BEING REPLACED OR REPAIRED. IN ADDITION, IN NO EVENT SHALL BROOMX BE LIABLE TO YOU FOR ANY SPECIFIC, INDIRECT, INCIDENTAL, DAMAGES, OR CONSEQUENTIAL DAMAGES OF ANY KIND, EVEN IF BROOMX HAS BEEN ADVISED OF ANY SUCH DAMAGES. CLAIM ARISING FROM OR RELATED TO THIS WARRANTY CERTIFICATE, REGARDLESS OF THE FORM OF ACTION, WHETHER UNDER CONTRACT, EXTRA-CONTRACTUAL LIABILITY (INCLUDING NEGLIGENCE), LIABILITY FOR ANY DEFECTIVE PRODUCT OR ANY OTHER JURISDICTION.

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