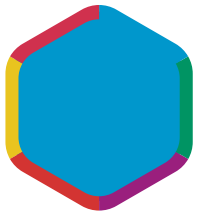


**AVACOM**<sup>®</sup>

Dimensión  
Interactiva | **AVA**

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# ASCENSOR PARA VIDEO PROYECTOR AVACOM AVC-226

## Instruction Manual

### Recessed-Ceiling Motorized Projector Lift

Applicable Model	Maximum weight:
GPCK-ME500	25KG
GPCK-ME1000	25KG
GPCK-ME2000	20KG
GPCK-ME3000	15KG
GPCK-ME4000	15KG

### Please read before installation:

Thank you for purchasing this product.  
Please read the instruction manual  
carefully to ensure this projector lift is  
suitable for your installation environment.



## Cautious



### Warnings

This product should only be installed by a qualified technician.

Please review the manual carefully to ensure it is properly installation and to avoid injury.

The ceiling used must have a minimum load bearing of 15KG.



### Caution

For projector lift assembly only



### Do not take apart

Please do not take apart the  
accessories of mounting bracket

**WARNING: Important safety instructions.**

It is important for the safety of persons to follow these instructions. Save these instructions.

It is important for the safety of persons to follow these instructions

- For models with fixed control, do not allow children to play with fixed controls. Keep remote controls away from children;
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary;
- Do not stand below the product when it is working;

**WARNING: Important safety instructions.**

Follow all instructions, since incorrect installation can lead to severe injury.

- Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation;
- For models with wall switch fixed control, the actuating member of a biased-off switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1,5 m; - when projector lift completely opened, the moving part at least 2.5 m above floor level or other access level.

#### Trouble Shooting

The projector lift can not function properly after installation.	Causes	Solution
	Power cable is no connected	Referring to the user manual and connect the power cable
	Outlet does not have power	Verify the wall outlet if it has sufficient voltage to support the operation.
	Control switches have not been properly positioned	Referring to manual guide and make sure the control switches are well positioned (up, down, stop)

**TODO ES  
POSIBLE.**

## Maintenance and Adjustment

1. Please fully retract the project lift after used to avoid the projector exposing to the air and dust, which may cause the adverse effect on the imaging.
2. Do not roll and retract the projector lift continuously over 4 minutes to avoid overheating. If the motor continuously work excess 4 minutes, it will be thermally protected and stop working until it has cooled to a safe temperature before it will start operating again.
3. Lubrication is not necessary for the motor. The drop and retraction limits have been properly adjusted at the factory (Contact the qualified technician or dealer for the adjustment.)
4. Please clean the projector lift with the dilute detergent slightly and dry it up with the soft cloth. Use the banister brush to clean the gap.
5. The adjustment of the full retraction position (up limit) and full drop position (down limit).

Full drop position (Down limit) adjustment, press "down" on the remote control to lower the project lift, insert the accessory tool into the down limit switch, turning the socket clockwise will stop the projector lift closer to the ceiling, turning the socket counter-clockwise will cause the projector lift to stop at a lower point.



We strongly suggest that the up limit should not be adjusted by the user in order to avoid the damages that cause by inappropriate operation.

Full retraction position (Up limit), press "up" on the remote control to raise the project lift, when the project lift fully retracted and reached the ceiling level, insert the accessory tool into the up limit switch, turning the socket clockwise will create a lower closed position, turning the socket counter-clockwise will create a higher, or more fully closed position.

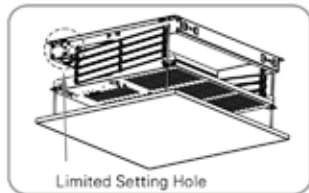


Figure 31

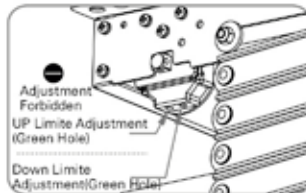


Figure 32

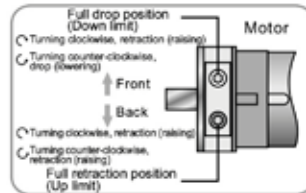


Figure 33



1. Please be careful during adjusting, over up limit adjusting may result in damage to the woven belt and the motor.
2. During the Lowering Limit adjusting, make sure there are more than one and half loops of the woven belt around the roller to avoid it from breaking off.
3. Check for satisfactory condition by operating until few times.

How to Check whether Over up limit adjusting (Retraction)

- A. Check the connecting rod on the both end, and see whether no gap between two Rod;
- B. The bottom plate can't work.

## Caution

Warning: In order to minimize the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

1. Please read the instructions carefully before installation to avoid the damage of the product which causing by inappropriate installation or operation.
2. Please keep the GPCK-ME away from the hot sources, such as radiator, heating machine, fireplace and other devices which contain the loudspeaker.
3. This apparatus must be earthed.
4. Only the accessories that provided by the authorized suppliers should be used.
5. Unplug the power cord from the wall outlet during stormy weather or if the apparatus is not used for several days.
6. Servicing should be done by qualified service personnel.
7. Please do not install this apparatus in the humid area.
8. The apparatus is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the apparatus itself has been turned off.
9. Use the approved Power Cord (3-core mains lead) / Appliance Connector / Plug with earthing-contacts that conforms to the safety regulations of each country if applicable.
10. Use the Power Cord (3-core mains lead) / Appliance Connector / Plug conforming to the proper ratings (Voltage, Ampere). If you have questions on the use of the above Power Cord / Appliance Connector / Plug, please consult a qualified service personnel.
11. During the installation, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power plug to an easily accessible socket-outlet near the apparatus. If a fault occurs during operation of the unit, operate the disconnect device to switch the power supply off, or disconnect the power plug.
12. The ceiling or wall used for installation must be secure enough; load-bearing capacity must be more than 4 times of the total weight of this apparatus and the projector in order to prevent the apparatus from falling.



Please notice the non-insulated voltage of the spare parts to prevent from electric dangerous.



Please operate according to the instruction manual

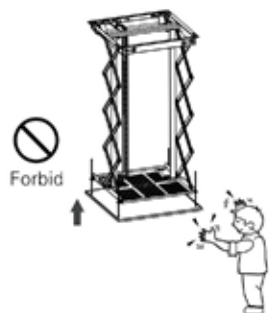
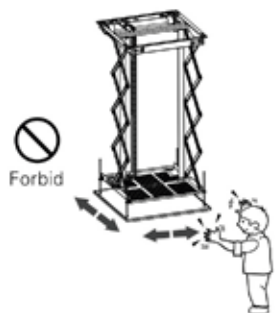
### Cleaning

Please clean the projector and projector lift at the same time.

## Cautions

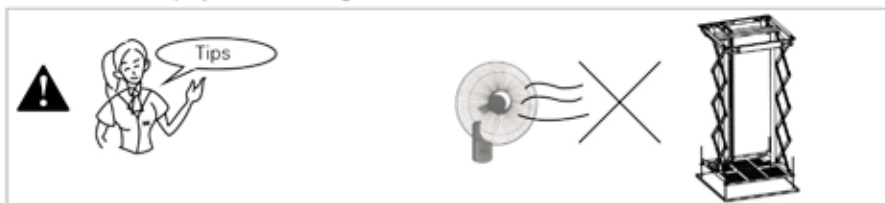
Please comply the following contents for installation and use

- Please do not shake the projector lift
- Please do not lift up the projector lift



### Cautions for Location

- Please keep away from hot resources, dirty, high temperature and high humidity. Do not use the projector off the large wind.



### Cautions for Repairing

- Please do not take apart the screws of the projector lift; if this product needs to be repaired, please contact our company or dealers.



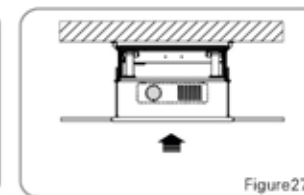
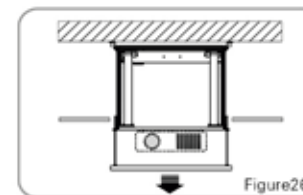
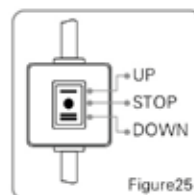
## Instruction

\*In-line Switch with Easy and Steady Operation(Standard Configuration)

\*External IR/RF remote control(Optional,External Slot in the back of Lift)(Figure 18 – 20)

### 1.In-Line Switch(Figure25)

- (1)Before use the lift, please ensure the lift has been well installed and the decorative ceiling board can retract smoothly without getting stuck by ceiling.
- (2)Connect Power(Rated Voltage)
- (3) Press the "Up"and "Down" buttons to lower and Retract the Lift.Press the Stop "0" at any required position.



### 2.External IR/RF remote control(Optional)

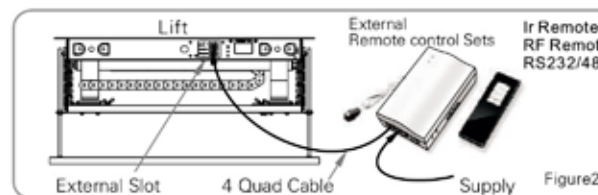
Please purchase 3th Generation External IR/RF remote control(Optional) when RS232/485 control required.

- (1)Please fix the external Receiver box on the ceiling and ensure close to the lift.
- (2) Connecting the receiver box and lift with a Quad Cable(Cable Dia must bigger than 4\*0.75mm<sup>2</sup>, refer to Figure 28)
- (3)For the instruction manual of Receiver box, please refer to single Manual Paper.

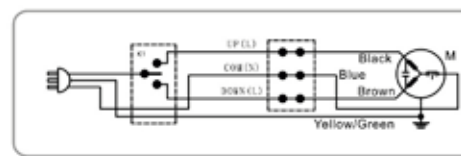
Model of External RF remote controller:

External IR Remote Control(3th Generation),Model No.1GD-IRAnIII

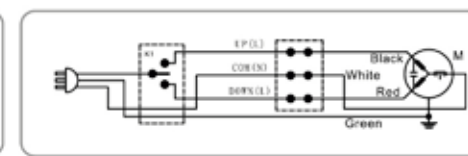
External RF Remote Control(3th Generation),Model No.1GD-868MnIII



### 3. Circuit diagram



AC 220~230V  
50~60Hz,170W



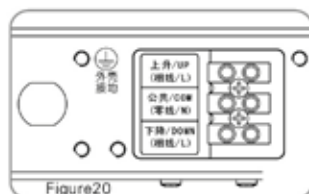
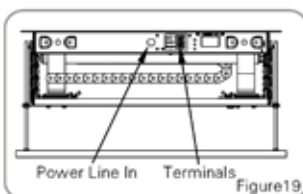
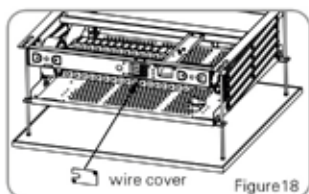
AC 120V  
60Hz,170W

## Installation

12. Before contacting the power cable of projector lift, please take out the wire cover in the back of lift ( Figure 18). Then choose the control option and connect the controlling wires to terminals( Figure 19-20). For humanization, link the power after fixing the controller of cables on a place for easy using.

Notes: Ensure the supply voltage is matching the normal working voltage of this product, and the recommended power is 2 times more than the sum of lift's power and projector's power. It will be dangerous and will lead to damage of product in case using mismatching power supply.

**Caution:** The electrical work should only be installed by a qualified electrician or it may cause product damage even personal casualty.



13. Please adjust motorized lift to keep balance in need, if there is unbalanced changes occur in controlling up and down several times after power on.

14. Adjust the height of decorative ceiling plate depended on the actual ceiling height, and twist setscrew nut on the 200mm long screws assembled in the four corners of decorative ceiling plate. The max height is about 200mm( Figure 22). Please tightening screws to avoid looseness.

Please cut short the standard 200mm long screws or use a shorter screws once the distance of decorative ceiling plate and multifunction plate is too close.

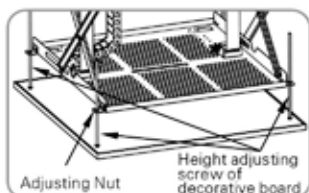


Figure 21

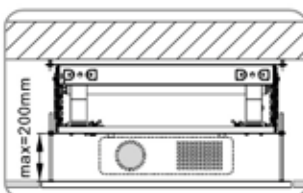


Figure 22

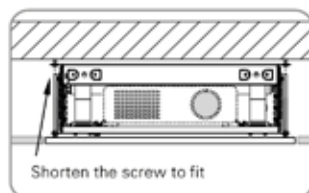


Figure 23

15. (Figure 24) Trim the ceiling plate to the appropriate size and assemble it back into the ceiling grid. The suggested distance of ceiling plate to the lift's decorative ceiling plate is about 5mm. Please use the same way to adjust the ceiling plate in case the height of decorative plate is not the same as the ceiling plate around.

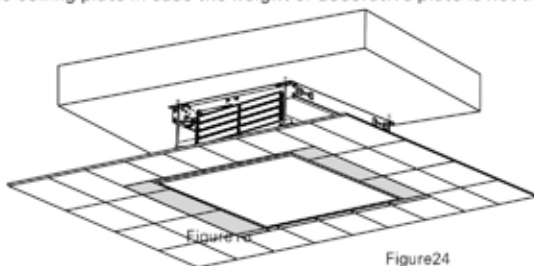


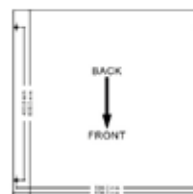
Figure 24

## Accessories

- M4 Hexagonal Adjuster(1 pc)
- M5、M4、M3x20mm Screw(each 4pcs)
- Rubber Washer  $\Phi 16 \times \Phi 5、2 \times 10 \text{mm}$ (4pcs)



- Ceiling punching positioning paperboard
- Long ribbon (3 pcs)
- 6P-4 power wire clip (1 pc)
- Product certificate (1 pc)
- User's manual (1 pc)



## Optional accessories

- Installation Bar(4pcs)
- External remote control kit (with RS 232/485 control function)



External IR remote control set(3rd generation), model: 1GD-IRAnIII  
External RF remote control set(3rd generation), model: 1GD-868MnIII

- M10x500 Threaded Rod(4pcs)
- M10 Nut、Washer(16pcs/each)
- Hanger(4pcs)



- In line switch ( 1 set)



- Cables

RCA coaxial video cable

VGA extended cable

HDMI High definition extended cable

Alternating current extended cable