

PROJECTOR LIFT MODEL ADTS L00100 INSTALLATION MANUAL

Thank you for purchasing the new ADTS APL-100.

The ADTS APL-100 is supplied with a set of components and accessories that make it suitable for installation for the majority of standard AV applications, but note must be made of the restrictions that apply to the weight capability of this unit and not exceeded.

Before installing the projector lift, please read the following instructions carefully:

- The projector lift must be used **INDOORS ONLY**.
IT IS FORBIDDEN TO STAY UNDER THE LIFT.
- Please confirm that your projected image width will fit your screen from your proposed mounting location prior to installation.
- Incorrect use of the lift, including exceeding the maximum lifting weight, would be dangerous

The manufacturer does not take responsibility for any damage to property or personal injury if the lift is used outside of recommended specifications.

This product uses a 230V AC Motor. **DO NOT** attempt to service the motor.

Incorrect servicing could lead to risk of electric shock. For any repairing, please contact directly the dealer you purchased the unit from.

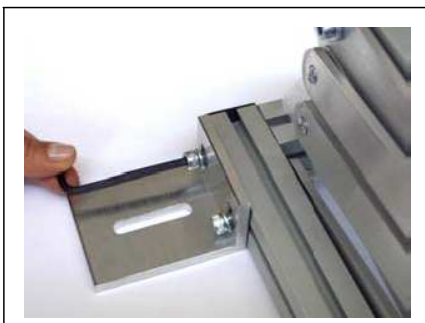
WHAT IS INCLUDED

When you open the packaging, please **CHECK** that it contains **ALL** the components below. In case one or more components are missed, please refer to the dealer you purchased the product from.

- 1) 1 MECHANIC PROJECTOR LIFT SUPPLIED WITH A CABLE CHAIN AND MOTOR WITH A 3 METER CABLE WITH FOUR ELECTRIC WIRES (UP, DOWN, NEUTRAL AND EARTH)
- 2) 4 "L" FORM ALUMINIUM BRACKETS FOR CEILING MOUNTING
- 3) ON/OFF SWITCH UNIT. REMOTE CONTROL IS OPTIONAL
- 4) INSTRUCTIONS FOR ELECTRICAL CONNECTIONS BETWEEN MOTOR AND SWITCHER
- 5) 4 THREADED BARS M6 L. 25 CM AND 2 MOUNTING PLATES FOR THE FALSE CEILING PLATE
- 6) 8 HEX HEAD SCREWS 6x16 MM.
- 7) 16 NUTS M6 FOR MOUNTING THE THREADED BARS TO THE MOUNTING PLATES AND TO THE LIFT
- 8) REMOTE CONTROL (optional)

INSTALLATION INSTRUCTIONS

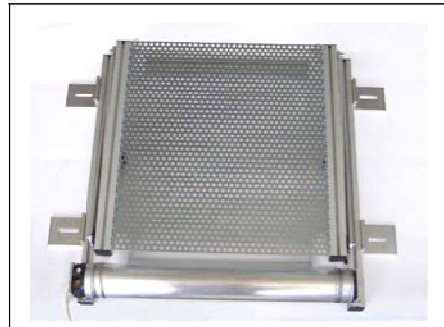
Use the hex-headed screws listed as "F" in the equipment list, to mount the "L" brackets to the profile of the lift, as shown in PICTURES 1A, 1B and 1C below:



PICTURE 1A



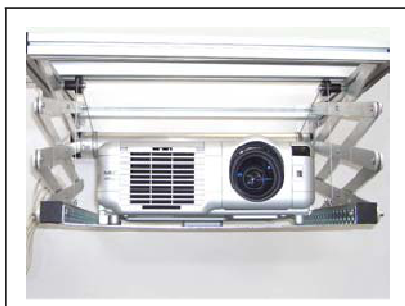
PICTURE 1B



PICTURE 1C

Mount the lift to the ceiling using the suitable bolts/screws (NOT SUPPLIED) and verify that the projector lift is perfectly horizontal using a spirit level. Use shims to level the lift, if required, between the brackets and ceiling. Installing the lift perfectly level is IMPORTANT and ensures silent movement of the lift without any shaking, jolting or friction that would compromise the alignment between projector and projection screen.

Once you have mounted the lift, position the projector either on or under the grill using the screws indicated in the instruction manual of your projector, as shown on PICTURES 2A, 2B and 2C.



PICTURE 2A



PICTURE 2B

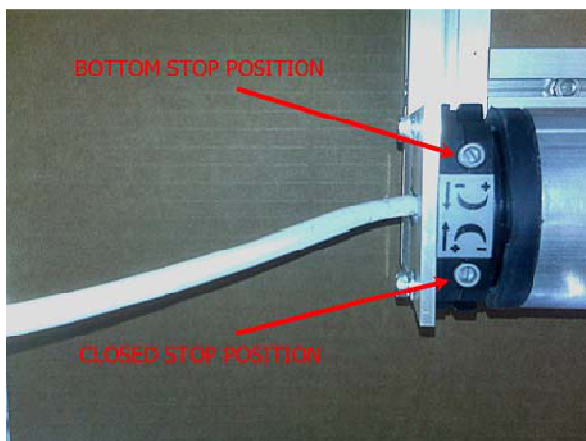


PICTURE 2C

Connect the projector lift to the electricity supply as explained on the attached instructions for electrical connections (PICTURE 2D).

The next step is to set the "CLOSED STOP POSITION" (CLOSED lift) and the "BOTTOM STOP POSITION" (OPEN lift).

If the projector lift has been positioned inside a false ceiling void, please be aware that to allow full closure the threaded bars that support the trim kit must be no longer than 25cm in length in order to use the equipment listed under (E) on page 1. The "BOTTOM STOP POINT" has to be regulated so that the image is correctly projected onto the screen.

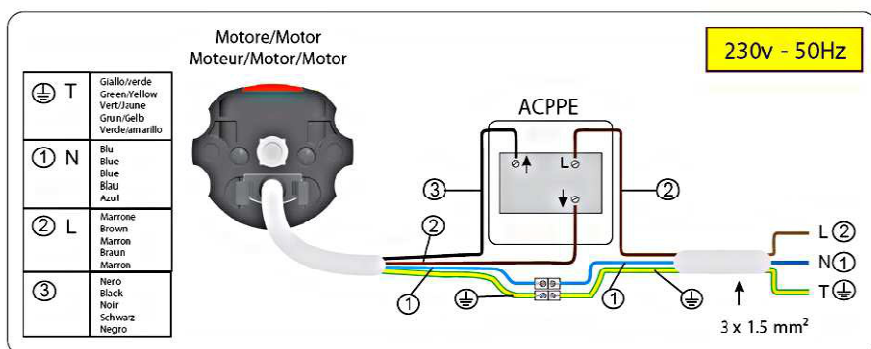


In order to fix the "CLOSED STOP POSITION":
WARNING: in case the installer needs to modify this end-stop, it is allowed to lower the closed stop position. Do not try to high the upper end-stop because this will cause severe damages to the product.

- Turn the screw on the motor shown on the picture, clockwise to lower the lift.

In order to fix the "BOTTOM STOP POINT":

- Turn the screw on the motor, as shown on the picture, anticlockwise to increase the bottom stop point and clockwise to reduce it.



PICTURE 2D

Once you have fixed the "CLOSED STOP POSITION", cut the threaded bars to the correct length to allow flush fitting of the trim kit suspended from the grill to the ceiling. Mount the bars to the profile of the lift and fix them to the mounting plates, using the M6 nuts supplied, as in PICTURES 3A, 3B and 3C below.



PICTURE 3A



PICTURE 3B



PICTURE 3C

Fit and align the trim kit by hanging the threaded rods from the slot as Picture 3C.

If the panel is not balanced, move the projector lift either releasing the screws that lock the "L" brackets to the aluminium profile making them sliding or releasing the screws that anchor the brackets to the ceiling using the sliding hole milled out of them (max 3 cm. the hole on the ceiling is central).

If the lift does not line up horizontally to the false ceiling, modify the length of the bars or the "CLOSED STOP POSITION", following the instructions above described.

The signal and power cables should run inside the chain supplied. Open the sleepers that form the links of the chain and place the cables inside as shown below. (Pictures 4A & 4B)



PICTURE 4A

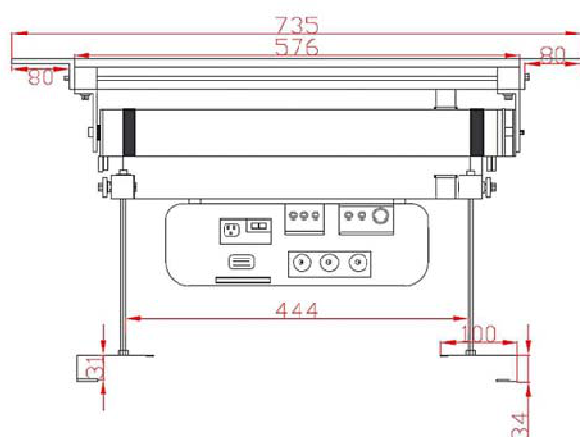


PICTURE 4B

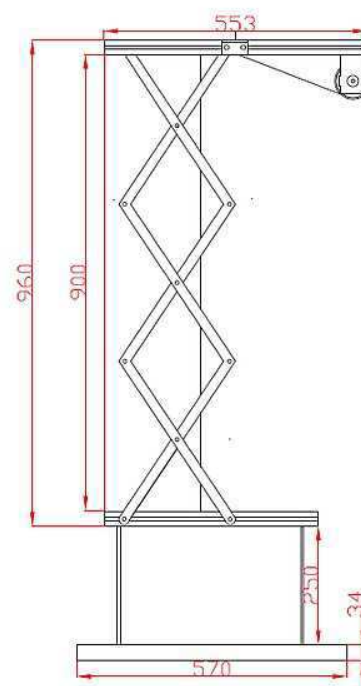
TECHNICAL DATA

POWER SUPPLY	230 V 50 Hz
MAX CONSUMPTION	156 W
TORQUE	10 Nm
MOTOR SPEED	17 Rpm
DIMENSIONS (CLOSED)	576X160X550 (WxHxD in mm.)
DIMENSIONS (OPEN)	576X960X550 (WxHxD in mm.)
TOTAL DIMENSIONS OF THE GRILLE	410x450 (WxD in mm.)
NET DIMENSIONS OF THE GRILLE	350x450 (WxD in mm.)
MAXIMUM CAPACITY	15 Kg.

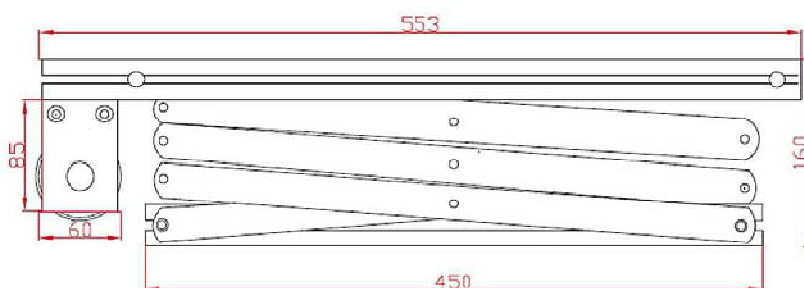
TECHNICAL DRAWINGS



CLOSED LIFT: FRONTAL VIEW



OPEN LIFT: SIDE VIEW



CLOSED LIFT: SIDE VIEW