WARNING
It is vital for the safety of persons to follow all instructions. Failure to comply with the installation instructions and the safety warnings may result in serious personal injury and/or property and remote control opener damage.
Please save these instructions for future reference.

Installation Instructions
Automatic Technology Australia Pty Ltd to the extent that such may be lawfully excluded hereby expressly disclaims all conditions or warranties, statutory or otherwise which may be implied by laws as conditions or warranties of purchase of an Automatic Technology Australia Pty Ltd automatic opener and Automatic Technology Australia Pty Ltd hereby further expressly excludes all or any liability for any injury, damage, cost, expense or claim whatsoever suffered by any person as a result whether directly or indirectly from failure to install the Automatic Technology Australia automatic opener in accordance with these installation instructions.
PLEASE READ THESE IMPORTANT SAFETY RULES

Warning - It is vital for the safety of persons to follow all instructions. Failure to comply with the following Safety Rules may result in serious personal injury and/or property damage.

DO NOT operate the opener unless the door is in full view and free from objects such as cars and persons. Make sure that the door has finished moving before entering or leaving the driveway.

DO NOT operate the opener when persons are near the door. Children must be supervised near the door at all times when the opener is in use. SERIOUS PERSONAL INJURY and/or property damage can result from failure to follow this warning.

DO NOT allow children to operate the opener. SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE can result from failure to follow this warning.

Frequently examine the installation, in particular guides and mountings for signs of wear, damage or imbalance. DO NOT use if repair or adjustment is needed since a fault in the installation or an incorrectly balanced door may cause injury.

The opener is not showerproof - it should not be immersed in water or sprayed directly by a hose or other water carrying device.

The door must be WELL BALANCED and in good working order. A faulty door must be repaired by a qualified technician prior to opener installation.

REMOVE OR DISENGAGE all locks and mechanisms prior to installation of the opener.

Keep hands and loose clothing CLEAR of the door and opener at all times.

Make sure that the door is fully open before driving into or out of the driveway. And make sure the door is fully closed before leaving the driveway.

The opener is not intended for use by young children or infirm persons without adequate supervision. Children should be supervised to ensure that they do not play with the opener.

FEATURES

Thank you for purchasing the ATA Axess Automatic Opener. This opener is designed to suit commercial heavy duty roller shutter doors. The components and materials used in this opener are of the latest technology and highest quality.

OPERATION

To operate the opener simply turn the pendant switch anti-clockwise to open or clockwise to close the door. The open position allows the door to open fully without having to constantly hold the switch. For safety the close position requires continuous contact.

MANUAL OPERATION

The opener is equipped with a unique manual operation device. If the power to the opener is disrupted for any reason the clutch disengages and the door can move manually via the manual chain. When power is restored the clutch re-engages to allow automatic operation.
The ATA Axess Roller Shutter Opener consists of one drive unit, and pendant switch.

PENDANT SWITCH
Housed in a commercial grade heavy duty enclosure is a momentary contact switch. A standard 240V AC power outlet is required to power the system. The enclosure meets the IP55 standard for ingress of dust and water.

MECHANICAL DRIVE UNIT
The drive unit consists of a powerful 240V single phase motor, rugged gearbox and position encoder. It includes a clutch mechanism to allow easy manual operation and is rated to IP42 standard.

DRIVE UNIT INSTALLATION
The ATA Axess Roller Shutter Opener is designed to operate most commercial and heavy duty slat roller shutter doors. The doors must be in good working condition and travel freely in the guides.

INITIAL CHECK
Before commencing installation check the following:

1. The door moves freely for the full travel in both directions.
2. The mounting must be solid construction (concrete, brick or steel. It must be able to withstand the full force applied to the door.
3. There is a 240V 10Amp power point located within 1 metre of pendant switch.
MOUNTING THE DRIVE UNIT

The mounting plate holes are slotted for fine adjustment of the output gear position. Follow the procedure below to ensure final adjustments can be made later.

1. Determine on which side of the door the opener is to be mounted.
2. Install manual chain guide as required.
3. Mount the base plate to door bracket either by welding in place or using M12 hex bolts, washers and nuts.
4. Position opener and secure with M10 fasteners.
5. Mount drive sprocket on shaft in line with door drive gear.
6. Shorten drive chain as required and fit around drive gears.
7. Feed manual chain through guide and over pulley.
8. Shorten chain as required and fix ends to make a loop.

FIG. 3
Door Drive Gear
Drive Chain
Mounting Plate
Manual Chain Guide

FIG. 4
SELECTING LEFT OR RIGHT HAND INSTALLATION.
Using the figure below, place the motor connector for the drive unit so as to reflect the side of the doorway that it is installed.

NOTE: The wiring diagram on Page 7 is for right hand installation. If left hand installation is required - interchange the brown and white either inside the pendant switch.
NOTE: Wiring as shown are for left hand installation.
NOTE: Wiring as shown are for right hand installation.
SETTING TRAVEL LIMITS

SETTING DOOR TRAVEL LIMITS

Note: Door should be moved manually to half open position.

1. Turn pendant switch anticlockwise to move door to desired open position (Fig. 7).
2. If desired position is reached and green OPEN limit cam is not in contact with limit switch, adjust cam until limit switch “clicks”.

Note: If green limit cam activates switch before desired open position is reached, then rotate cam clockwise, then turn pendant switch to open position to continue travel to desired open position. Repeat step 2 above if necessary.

3. Turn pendant switch clockwise to move door to desired closed position.
4. If desired position is reached and red CLOSE limit cam is not in contact with limit switch, adjust cam until limit switch “clicks”.

Note: If red limit cam activates switch before desired close position is reached, then rotate cam anticlockwise, then turn pendant switch to close position to continue travel to desired close position. Repeat step 4 above if necessary.

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>INPUT VOLTAGE</td>
<td>240V AC 50Hz Single Phase</td>
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<tr>
<td>MOTOR TYPE</td>
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<tr>
<td>MOTOR VOLTAGE</td>
<td>240V Single Phase</td>
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<td>MOTOR RATING</td>
<td>1 H.P. (0.75kW)</td>
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<tr>
<td>MAXIMUM DOOR SIZE</td>
<td>18m²</td>
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<td>MAXIMUM DOOR HEIGHT:</td>
<td>4700mm (11-Tooth Sprocket)</td>
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<td>MAXIMUM DOOR HEIGHT:</td>
<td>6000mm (14-Tooth Sprocket)</td>
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<tr>
<td>DRIVE UNIT WEIGHT:</td>
<td>23Kg</td>
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<td>PENDANT SWITCH WEIGHT:</td>
<td>0.5Kg</td>
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Please Note: Specifications are subject to change without notice.
RECOMMENDED MAINTENANCE
The door and opener should be inspected and serviced at regular intervals based on usage. The table at right indicates ideal maintenance schedules based on duty cycle.

The following elements should be examined at each service:

- Door rolls freely.
- Door guides in good condition.
- Door stops correctly.
- No oil leak from opener gearbox.
- Opener retaining bolts secure.
- Opener is clean (no debris or insects, etc.).
- Insect surface spray around opener (not electronics).
- Inspect electrical connections.
- Limit switches engage correctly.
- External safety devices operate correctly.
- General operation is satisfactory.

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<tr>
<th>DAILY DUTY CYCLES</th>
<th>RECOMMENDED MAINTENANCE</th>
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<tr>
<td>Over 150</td>
<td>every 1 month</td>
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<tr>
<td>100 - 150</td>
<td>every 2 months</td>
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<tr>
<td>50 - 99</td>
<td>every 4 months</td>
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<tr>
<td>20 - 49</td>
<td>every 6 months</td>
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<td>Under 20</td>
<td>every 12 months</td>
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MAINTENANCE RECORD

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<th>INV. No.</th>
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WHEN ORDERING SPARE PARTS
PLEASE QUOTE THE ORDER CODE NUMBER TO YOUR INSTALLER/DISTRIBUTOR
WARRANTY AND EXCLUSION OF LIABILITY

1. This warranty is an addition to any non-excludable conditions or warranties that are implied into this contract by relevant statute, including the Trade Practices Act 1974 (Cth).

2. Subject to all of the matters set out below, Automatic Technology Australia Pty Ltd ("ATA") warrants:
   (a) the Axess Pro Series Opener for twelve (12) months,
   (b) all components and accessories for twelve (12) months,
      from the date of purchase (specified in the sales docket receipt) as free of any defects in material and workmanship.

3. This warranty applies only where the purchaser:
   (a) immediately notifies ATA or the retailer of the alleged defect;
   (b) returns the product to the retailer; and
   (c) presents the relevant sales docket and this warranty document to the retailer to confirm the date of purchase.

4. Except for this warranty, ATA gives no warranties of any kind whatsoever (whether express or implied), in relation to the product, and all warranties of whatsoever kind relating to the product are, to the extent permissible by statute, hereby excluded.

5. To the extent permissible by statute, ATA disclaims any liability of whatsoever nature in respect of any claim or demand for loss or damage which arises out of:
   a) accidental damage to or normal wear and tear to the product or to the product's components;
   b) any cost relating to damage resulting from wear and tear;
   c) blown fuses, loss or damage caused by electrical surges, power surges or power spikes;
   d) loss or damage due to theft, fire, flood, rain, water, lightning, storms or any other acts of God;
   g) door surface area exceeding 18 m²;
   h) door or gate not in safe and correct working order and condition;
   i) evidence of unauthorised repairs;
   j) any cost relating to damage caused by misuse, negligence or failure to maintain the equipment in a proper working order as per clauses (d) through (i);
   k) installation, adjustment or use which is not in accordance with the instructions set out in installation instruction manual;
   l) attempted or complete modification or repairs to the product carried out by a person who is not authorised or has not been trained by ATA to carry out such modification or repairs;
   m) faulty or unsuitable wiring of structure to which the product is fixed or connected;
   n) radio (including citizen band transmission) or any electrical interference;
   o) damage caused by insects;
   p) loss or damage to any property whatsoever or any loss or expense whatsoever resulting or arising there from or any consequential loss;
   q) any cost or expense arising due to manufacturer recall of any product;
   r) any cost or expense due to negligence of the approved service provider;

6. ATA's liability under this warranty is limited, at ATA's absolute option, to replacing or repairing the product which ATA, in its unfettered opinion, considers to be defective either in material and/or workmanship or to credit the dealer with the price at which the product was purchased by the dealer.

7. This warranty does not extend to cover labour for installation.
8. This warranty is limited to Return-to-Base (RTB) repair and does not cover labour for on-site attendance.
9. This warranty is void if the Product is not returned to the manufacturer in original or suitably secure packaging.
10. This warranty is only applicable for repairs to the product carried out within Australia.
11. This warranty does not cover consumable items including globes, batteries and fuses.
12. This warranty is not transferable.
13. Where the Product is retailed by any person other than ATA, except for the warranty set out above, such person has no authority from ATA to give any warranty or guarantee on ATA's behalf in addition to the warranty set out above.

Notes:
1. One (1) cycle = one (1) open and one (1) close action of the door.
2. This warranty is to be read in conjunction with the owner's copy of the installation instruction manual.