ATA Automation GDO-6AM Easyroller Installation Guide

Contents

automatic TECHNOLOGY

ATA Automation GDO-6AM Easyroller

Specifications:

- Approximate Number of Cycles Under Battery Power: 10
- Average Cycle Time Under Battery Power (Opening and Closing): 40 seconds
- Battery Capacity (Amp Hours): 1.3 AH
- Time for Recharge: 24 hours

Product Usage Instructions

Wall Mounted Installation:

1. Unplug the drive unit from mains power.
2. Remove the timing cover and light diffuser.
3. Mount the Charger Board 7 on the chassis and secure with four (4) Taptite ‘P’ M4x8 screws 10.
4. Feed the battery harness 5 through the cable clamp 12 and secure it to the left corner of the board.
5. Feed the Wire Harness 8 around the timing assembly, through an opening, and plug it into the SBC-02 connector on the control board.
6. Remove breakaway slot on timing cover and feed wire battery harness 9 through the slot and replace timing cover. Secure in place with screws.

7. Connect the battery harness extension 5 plug to the battery harness 9 as shown.
8. Position the wire battery harness 9 neatly and secure the left side of the battery kit with a cable clamp 6.

Opener Mounted Installation:

1. Unplug the drive unit from mains power.
2. Remove the timing cover and light diffuser.
3. Mount the Charger Board 7 on the chassis and secure with four (4) Taptite ‘P’ M4x8 screws 10.
4. Feed the battery harness 5 through the cable clamp 12 and secure it to the left corner of the board.
5. Feed the Wire Harness 8 around the timing assembly, through an opening, and plug it into the SBC-02 connector on the control board.

Mounting Instructions:

1. For plaster walls – insert two plaster wall plugs 4 into holes, place battery backup kit over holes, and affix with two Taptite P M3.5 x 8 screws 3.
2. For brick walls – place the battery backup kit over the holes and affix with two Taptite P M3.5 x 8 screws 3.

FAQ:

- **Q: How long does it take to recharge the battery?**
  A: The battery takes approximately 24 hours to recharge.
- **Q: What is the warranty period for this product?**
  A: The product comes with a 1-year warranty to be read in conjunction with the opener installation instruction.
- **Q: What precautions should be taken when handling batteries?**
  A: When handling batteries, ensure proper ventilation as they may release explosive gases. Avoid short circuits between terminals to prevent sparks or explosion. Dispose of batteries properly at the end of their useful life and avoid touching your face and eyes after working with batteries.

Battery Backup Kit

EASYROLLER GDO-6AM Wiring and Installation Instructions

BATTERY BACKUP PACK GDO-6AM SAP# ORDER NO. 87992

DESCRIPTION	QTY
BATTERY PACK	1
BATTERY HARNESS	1
TAPTITE “P” M3.5X 8 SCREWS	2
PLASTER WALL PLUGS	2

DESCRIPTION	QTY
SBC-02 CHARGER HARNESS EXT	1
CABLE CLAMP ACC-1.5 (3/16”)	1
CHARGER BOARD SBC-02	1
SBC-02 CHARGER HARNESS	1

DESCRIPTION	QTY
SBY-2 BATTERY HARNESS	1
TAPTITE SCREW “P” M4x8	4
TAPTITE SCREW “P” M4x10	2
CABLE CLAMP ACC-1.5 (3/16”)	1

SPECIFICATIONS	
APPROXIMATE NUMBER OF CYCLES UNDER BATTERY POWER	10
AVERAGE CYCLE TIME UNDER BATTERY POWER (OPENING AND CLOSING)	40 SECS
BATTERY CAPACITY (AMP HOURS)	1.3 AH
TIME FOR RE-CHARGE	24 HOURS

WARRANTY

1 year

This warranty is to be read in conjunction with the owner’s copy of the opener installation instruction.

WARNING!

- Disconnect the power cord from mains before connecting or disconnecting the battery box, or making any repairs, or removing covers.
- Servicing of batteries should be performed or supervised by personnel knowledgeable about batteries and the required precautions.
- When replacing batteries, replace with the same type and number of batteries or batteries packs.
- DO NOT short the output of batteries. Serious personal injury and/or property damage can result from failure to follow this warning.
- During charging and discharging cycles the lead-acid batteries may release explosive gases. Ensure that the area around the batteries is well ventilated.
- Take care not to allow any metal objects to make contact with the positive and negative terminals. This short circuit may cause sparks battery and possible damage to the battery, or even cause an explosion.
- The battery box unit should be installed away from sprinkler systems.
- DO NOT immerse in water or spray directly with a hose or other device.
- DO NOT dispose of batteries in a fire. The batteries may explode.
- The battery backup box contains sealed lead-acid batteries that must be disposed of properly at the end of their useful life.
- DO NOT open or mutilate batteries. Released electrolyte is harmful to the skin and eyes. It may be toxic.
- Be careful on the ladder. Practice correct lifting techniques.
- Ensure ladder is the correct type for job.
- Ensure ladder is on flat ground.
- DO NOT handle damaged or leaking batteries
- Wear appropriate protective clothing, use protective glasses and avoid touching your face and eyes after working with batteries.

Opener Mounted

- Unplug the drive unit from mains
- Remove the timing cover and light
- Mount the Charger Board 7 on the chasis and secure with four (4) Taptite ‘P’ M4x8 screws 10 .
- Feed the battery harness 5 through the cable clamp 12 and secure left corner of the board. Feed the Wire Harness 8 around the timing assembly, through opening and plug into SBC-02 connector on the control board.
- Remove breakaway slot on timing cover and feed wire battery harness 9 through slot and replace timing cover. Secure in place with screws.
- Mount battery backup kit 1 onto support chassis and secure right side screw first (charger board side) 11 .
- Position the wire battery harness 9 neatly and secure left side of battery kit with cable clamp 6 .

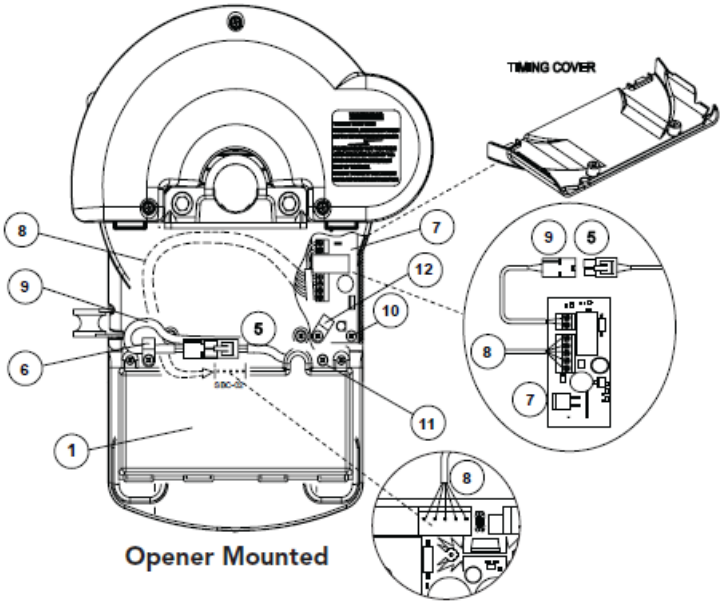
  WARNING! After Step (h) the opener may become active (even when power is off). This is a result of a residual charge in the batteries.

  h. Connect battery harnesses 5 and 9 together.

  i. Close the light diffuser and reconnect power.

  NOTE: Batteries may take up to 48 hours to charge fully after initial installation.

  j. Run the Testing / Maintenance procedure to test battery.

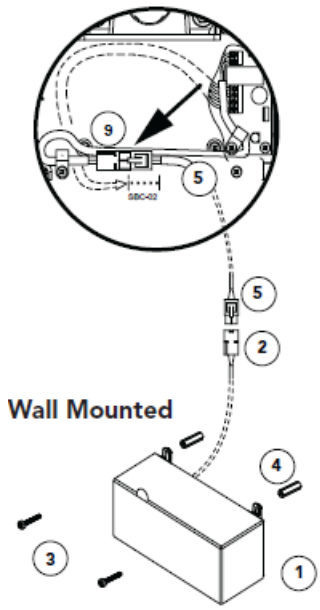


Wall Mounted

- Unplug the drive unit from mains power.
- Remove the timing cover and light diffuser.
- Mount the Charger Board 7 on the chasis and secure with four (4) Taptite ‘P’ M4x8 screws 10 .
- Feed the battery harness 5 through the cable clamp 12 and secure left corner of the board. Feed the Wire Harness 8 around the timing assembly, through opening and plug into SBC-02 connector on the control board.
- Remove breakaway slot on timing cover and feed wire battery harness 9 through slot and replace timing cover. Secure in place with screws.
- Connect the battery harness extension 5 plug to the battery harness 9 as shown.
- Position the wire battery harness 9 neatly and secure left side of battery kit with cable clamp 6 .
- To wall mount – use the battery pack as template to mark where to drill holes. Pre-drill holes.
    - For plaster walls – insert (2) two plaster wall plugs 4 into holes, place battery backup kit over holes and affix with (2) two Taptite “P” M3.5 x 8 screws 3 .
    - For brick walls – place the battery backup kit over the holes and affix with (2) two Taptite “P” M3.5 x 8 screws 3 .

      WARNING! After Step (i) the opener may become active (even when power is off). This is a result of a residual charge in the batteries.
- Connect battery harness 2 to the harness extension 5 .
- Close the light diffuser and reconnect power.

  NOTE: Batteries may take up to 24 hours to charge fully after initial installation.
- Run the Testing / Maintenance procedure to test battery.



Testing / Maintenance
To ensure a long trouble free life for your battery backup it is recommended you run the testing procedure on a monthly basis. Batteries should not need replacing for 4 – 5 years.
Testing Procedure:

- Press the transmitter to activate the opener.
- Whilst the door is in motion disconnect power. The door should complete the cycle as normal.
- Wait for the door to finish is travel.
- Press the transmitter to activate the opener.
- Whilst the door is in motion reconnect power. If the door stopped or moved very slowly under battery power, ensure mains power is connected for 24 hours to recharge the batteries. Test the opener again under battery power to ensure batteries are working effectively.

Troubleshooting

Symptom	Possible cause	Remedy
Door stops or moves very slowly under battery power	Batteries may be weak or have no charge	Connect mains power and allow the batteries to charge. This may take 24 hours to reach maximum charge capacity.
Door will not operate when mains power is disconnected.	Batteries may not be connected properly.	Check wiring.
	Batteries may have no charge	Connect mains power and allow the batteries to charge. This may take 24 hours to reach maximum charge capacity.
	Faulty Batteries	Disconnect the batteries from the board. Check the voltage of the each battery. Voltage should not drop below 10V.

Automatic Technology America

3626 North Hall Street, Suite 610, Dallas, TX 75219, United States of America P: +1 800 934 9892 W: www.ata-america.com

Automatic Technology America
3626 North Hall Street, Suite 610, Dallas, TX 75219, United States of America P: +1 800 934 9892 W: www.ata-america.com

Documents / Resources

	ATA Automation GDO-6AM Easyroller [pdf] Installation Guide GDO-6AM, 87992, 87996, GDO-6AM Easyroller, GDO-6AM, Easyroller

References

- Automatic Technology: Automatic Garage Door Openers | Gate Openers - Automatic Technology US
- User Manual

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.