

Owner's Manual

GIDDEL Toilet Cleaning Robot

FROM ALTAN ROBOTECH



Certifications



INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

IMPORTANT SAFETY INSTRUCTIONS



WARNING – When using electric appliances, basic precautions should be followed, including the following:

- a) Read all the instructions before using the appliance.
- b) To reduce the risk of injury, close supervision is necessary when an appliance is used near children. Other times, keep the robot out of reach of children and pets.
- c) Do not contact moving parts, while the appliance is in operation.
- d) Only use attachments recommended or sold by the manufacturer.
- e) Do not use outdoors or expose your robot to freezing temperatures. Store your robot in a cool, clean, and dry place.
- f) To disconnect the robot, first turn all controls to the off position, then remove the robot.
- g) To disconnect the Charging Station, first turn all controls to the off position, then remove plug from outlet.
- h) Do not unplug the Power Cord by pulling on cord. To unplug, grasp the plug, not the cord.
- i) Turn the power switch to the off position when the robot is not in use and before servicing and cleaning.
- j) Unplug the Power Cord from the wall outlet when the Charging Station is not in use and before servicing and cleaning.
- k) Do not charge the appliance with a damaged Power Cord, or after the appliance malfunctions or is dropped or damaged in any manner; please contact our Customer Service.
- l) To reduce the risk of electrical shock, do not pour water or any liquid on your robot or submerge the robot under liquid partially or fully. Do not place or store the robot where it can fall or be pulled into a tub, toilet or sink. The robot is not intended for use under water/liquid.
- m) Use only the Power Cord supplied by the manufacturer to recharge the robot.
- n) This appliance is provided with double insulation.

- o) To reduce the risk of electric shock and injury, please follow mounting instructions carefully.
- p) Pay attention to all warnings on the robot and its parts.
- q) This is not a toy. Do not play with the robot. Do not sit or stand on or place anything on the robot.
- r) Do not start the robot without first mounting it in the toilet, by inserting it into the Mounting Bracket provided. Under no circumstances, should you unmount the appliance while it is in use.
- s) Do not use non-rechargeable batteries. Only use the rechargeable battery supplied with the robot by Altan Robotech. For replacement inquiries, please contact our Customer Service.
- t) The robot must be charged by the Charging Station included in the carton.
- u) Do not mount and/or operate the robot when your toilet is clogged. If the robot is mounted while the toilet is clogged, please unmount it immediately.
- v) Do not use the robot to clean a baby toilet.
- w) Please ensure that the robot is mounted firmly in the Mounting Bracket. This will avoid any risk of injury. Please ensure that you hear a click as it is mounted in the Mounting Bracket which should be installed under the seat as indicated.
- x) Always follow applicable laws if you transport the product with the battery inside it.
- y) Your robot is designed for a standard power outlet only. The product may not be used with any type of power converter. Use of power converters will immediately void your Limited Warranty.
- z) This robot should not be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge of this product.

SAVE THESE INSTRUCTIONS

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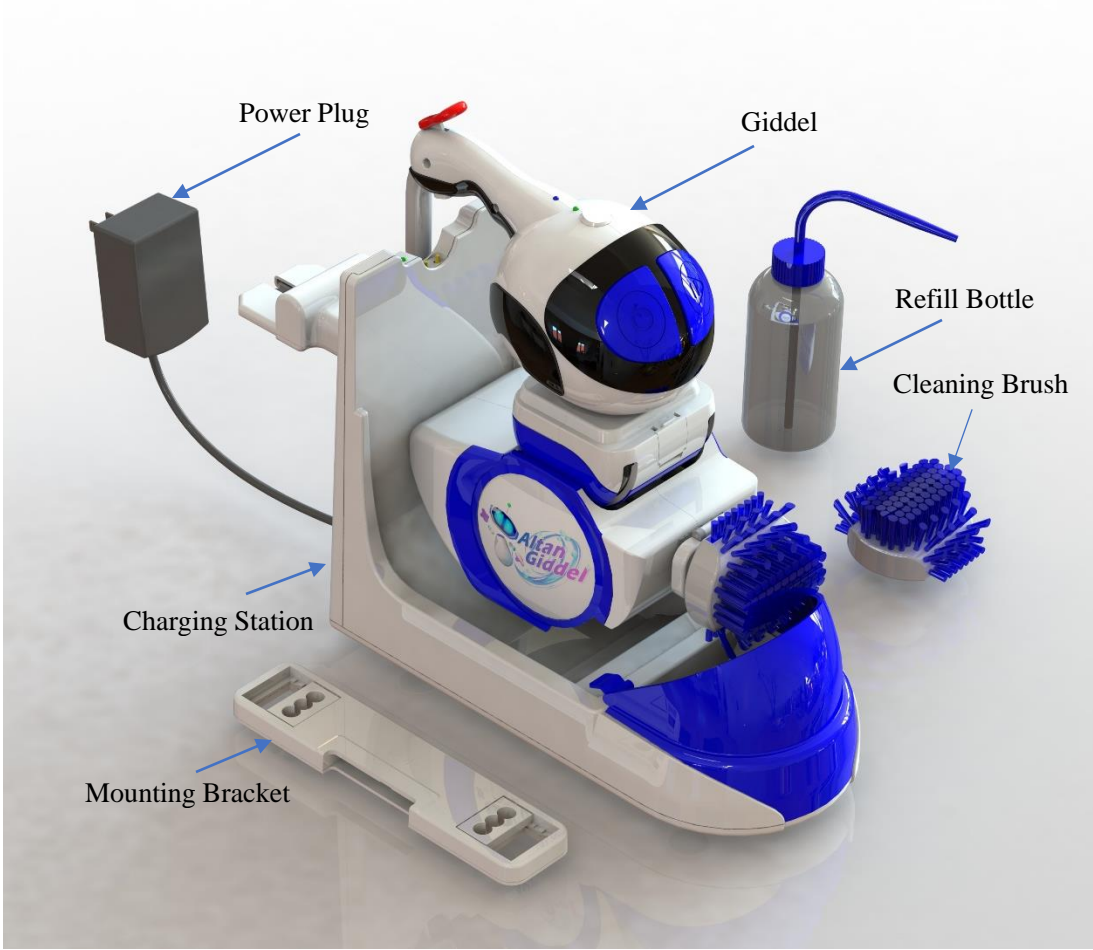


Figure 1: Product Box Contents



Figure 2: Altan Giddel – a Robotic Device

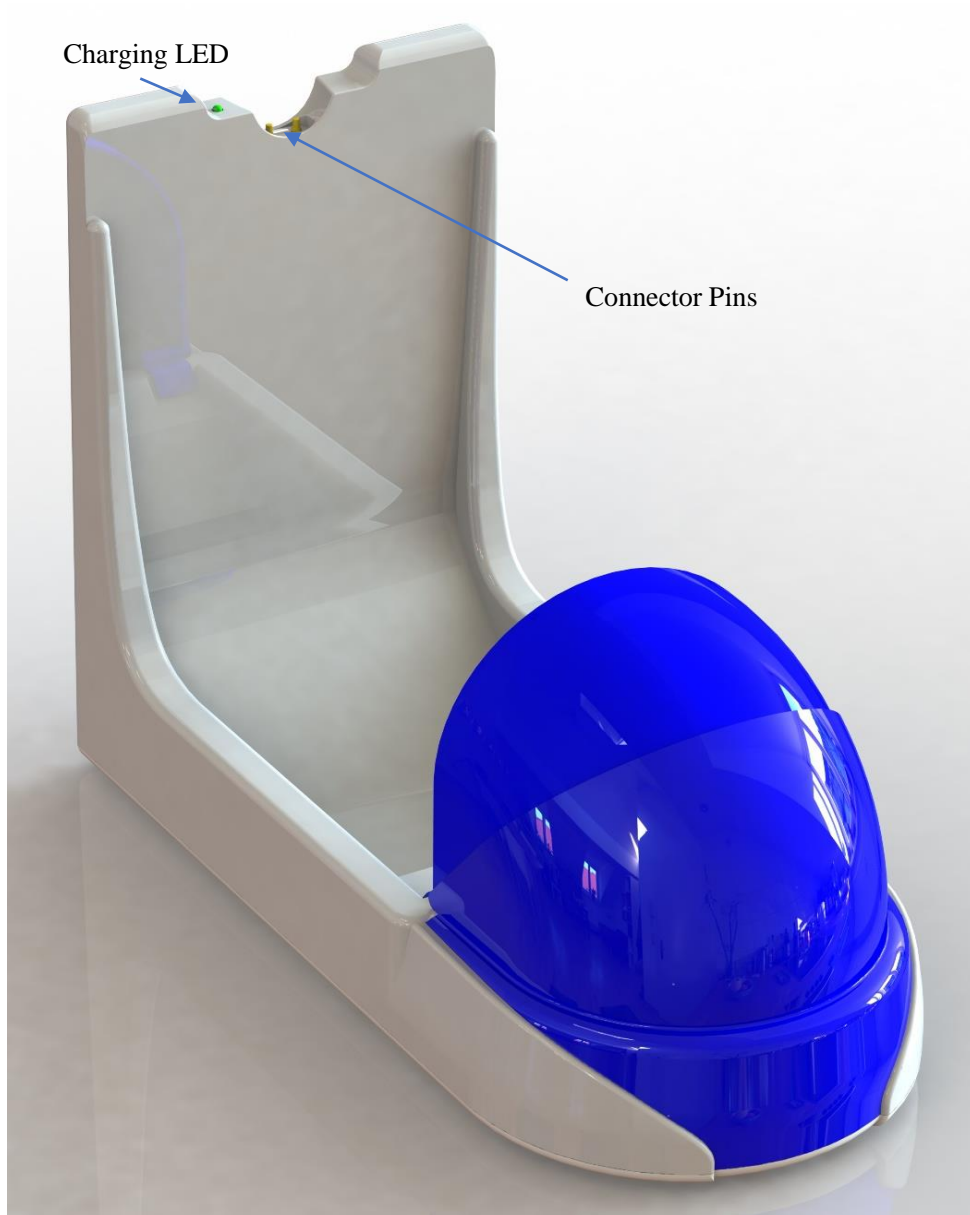


Figure 3: Charging Station for Altan Giddel



Figure 4: Installing the Mounting Bracket

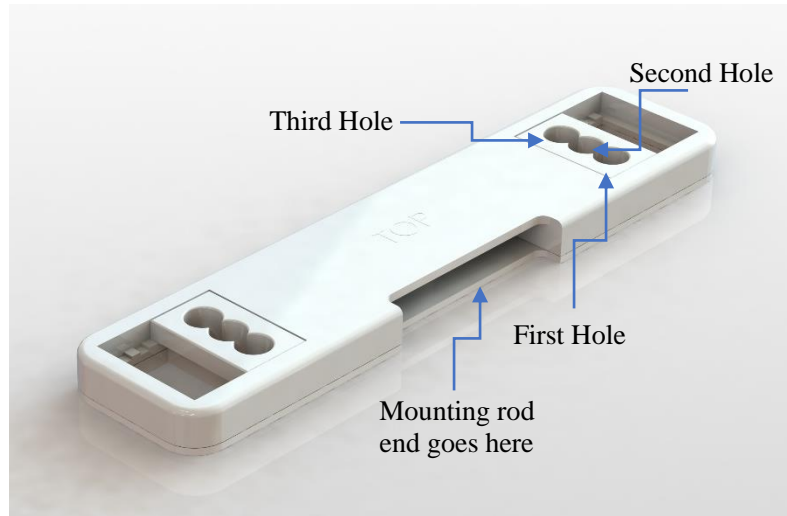


Figure 5: Mounting Bracket

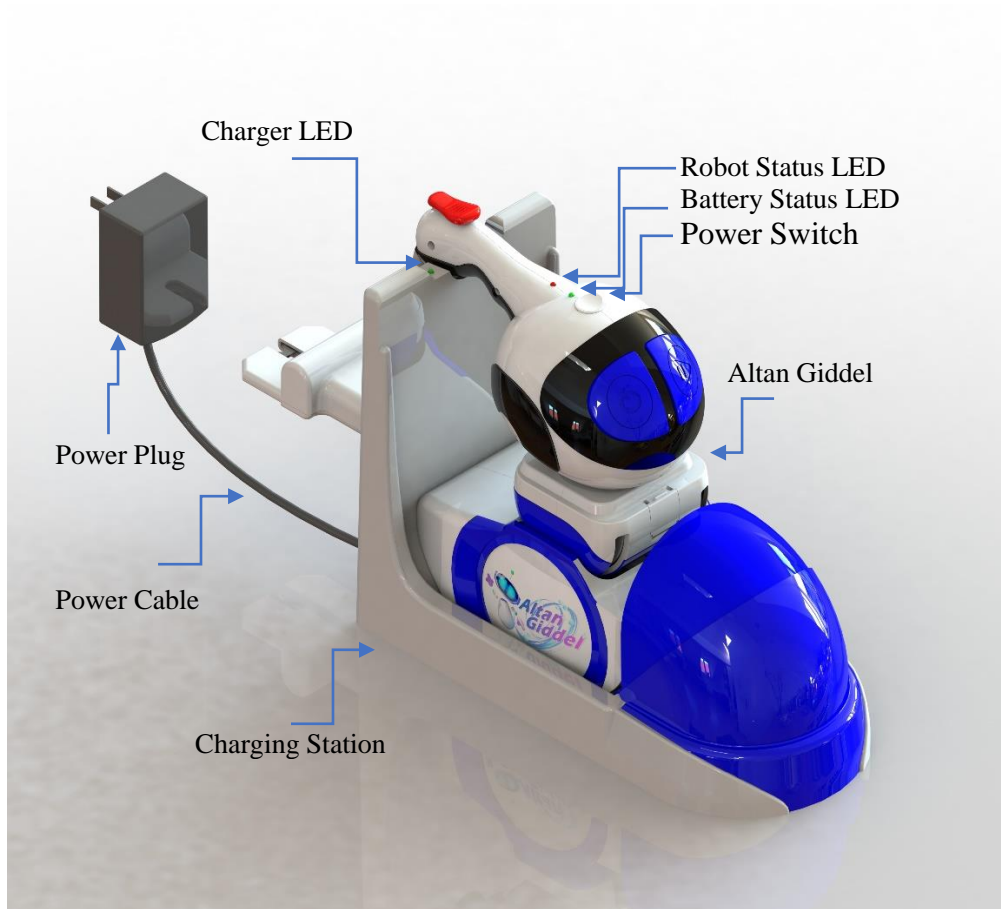


Figure 6: Charging Giddel using Charging Station and Power Cord



Figure 7: Altan Giddel Mounted on the Toilet, in HOME position

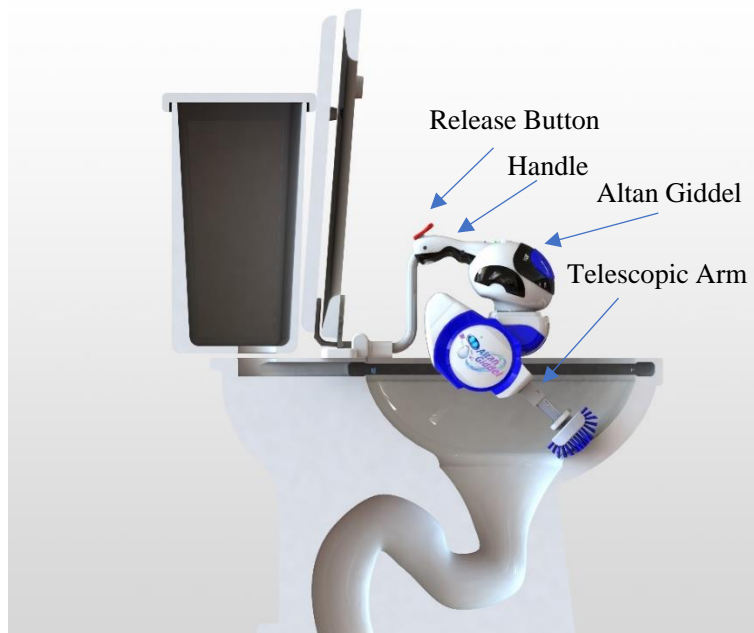


Figure 8: Altan Giddel Cleaning the Toilet

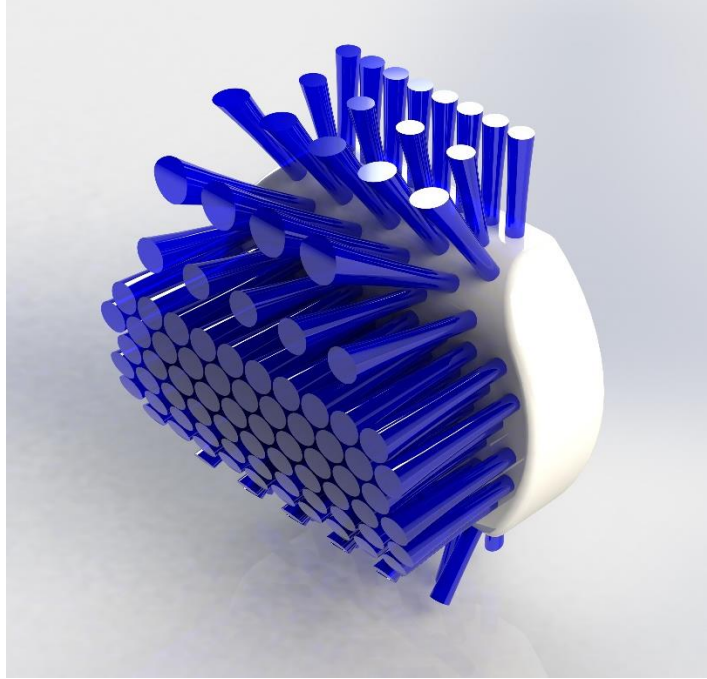


Figure 9: Cleaning Brush

1. Welcome Address

Thank you for purchasing your new Altan Giddel Toilet Cleaning Robot and welcome to the Altan Robotech family. This Owner's Manual will provide all the detailed information you need to know, so please read it before using your product. It is easy and will guide you through the installation and operational process.

This robot is for cleaning your toilet. It is important to note down and retain the model and serial number of this product in this manual. So, please do that first in the space provided below in this section. The model number is written at the bottom of Giddel and the serial number is written at the bottom end of the mounting rod. Please use these to register Your Limited Warranty on our website www.altanrobotech.com.

Model Number:

Serial number:

2. Giddel Toilet Cleaning Robot

Inside the product box, you will find the following contents as shown in **Figure 1**:

- One Giddel Toilet Cleaning Robot
- Three Mounting Brackets
- One Charging Station
- One Power Cord
- Three Cleaning Brushes
- One Refill Bottle
- One Owner's Manual
- One Warranty Registration

Figure 2 shows your Giddel with the Mounting Rod. There are two spare Mounting Brackets provided that can be installed on other toilets in your house so that you can clean three toilets with this robot. A few commercially available toilet seats block access to the Mounting Bracket after installation. In such a case, please buy our toilet seat to ensure compatibility with Giddel. There are also three Cleaning Brushes provided. Once all the Brushes are worn out, you can order more at our website.

Figure 3 shows a Charging Station that is used for charging the battery pack while resting on it.

3. Installation Instructions

PLEASE NOTE THAT THIS ROBOT CANNOT BE USED IN CONJUNCTION WITH A BIDET. ALTAN ROBOTECH (USA) INC. IS NOT RESPONSIBLE FOR ANY HARM CAUSED BY THIS KIND OF USE.

3.1 Installing the Mounting Bracket

Before using your Giddel, you need to first install the Mounting Bracket under the toilet seat. To do that, simply undertake the following steps:

- Your toilet seat is firmly secured on your toilet by a nut and screw arrangement. Your first step is to remove the toilet seat by unscrewing the nuts.
- The word “TOP” is molded onto one of the faces of the Mounting Bracket. Orient the Mounting Bracket with the word “TOP” facing upwards and the edge with the open slot facing the front of the toilet bowl, and place it on the horizontal surface of the bowl where the toilet seat was screwed. See **Figure 4** above.
- Note that the Mounting Bracket has three holes on either end to accommodate various sizes of toilets. Depending on your toilet size, you need to align a pair of Mounting Bracket holes with the pair of holes in the toilet bowl and in the toilet seat. Please try the first set of holes closest to the bowl first. The objective is to have a free motion of the robot without colliding with the toilet bowl. If you see any collision while rotating the robot by hand, try the second set of holes and so on.
- Place the toilet seat bolts through the holes and mount the toilet seat on top of the Mounting Bracket as shown in **Figure 4** and **Figure 5**.
- Tighten the nuts firmly, keep the toilet seat upright and you are done.

4. Operating Instructions

Giddel is a product for household use only. Before operating Giddel, please read the “IMPORTANT SAFETY INSTRUCTIONS” given at the very beginning of this manual.

4.1 Using Giddel

Giddel is ready to start cleaning your toilet as soon as its batteries are fully charged. The following major topics are covered in this chapter.

- Charging your battery pack
- Regular cleaning

4.2 Charging Your Battery Pack

Giddel has a rechargeable battery pack inside its body. Before you use the robot to clean your toilet, you should charge the battery pack fully, as shown in **Figure 6**. Follow the steps below to charge your batteries using the Charging Station.

- Place the Charging Station on the floor or a place convenient to you near an available wall outlet. Plug the adapter end of the supplied Power Cord into the wall outlet.
- Place your robot on the Charging Station. Please click it gently but firmly in place so that the contact is made with the charging Connector Pins (**Figure 3**) at the top of the Charging Station.
- Please turn on the switch on your wall outlet, if such a switch exists. The Charging LED light on the Charging Station should turn on.
- It takes approximately 1 hour to charge the battery pack fully.
- When the battery pack is fully charged, the LED light on the Charging Station will turn off.
- **DO NOT turn the Power Switch on when the robot is in the Charging Station.**

4.3 Regular Cleaning

To clean your toilet, there are four steps – apply toilet bowl cleaner, fill water in the reservoir, mount the robot and start the robot.

Applying Toilet Bowl Cleaner

A thick household toilet bowl cleaner like LYSOL TOILET BOWL CLEANER or CLOROX TOILET BOWL CLEANER should be applied directly to the toilet bowl.

Take your favorite toilet bowl cleaner and gently apply it on the inside surface of your toilet bowl under the rim. Please do not use a toilet bowl cleaner in the reservoir.

Fill Water in the Reservoir

Please do not use a toilet bowl cleaner in the reservoir. Use only WATER in the reservoir for automatic dispensing by Giddel.

Before Giddel can thoroughly clean your toilet, there must be a sufficient quantity of water in Giddel's reservoir. Please check the water level in the reservoir window before cleaning. If the level is low, the Reservoir needs to be refilled. Unscrew the Spout on the supplied Refill Bottle (see **Figure 1**) and fill 100 ml of water in it. Screw the Spout back on and fill the Giddel Reservoir as follows:

- While the robot is off, pick up the robot by the handle from its Charging Station.

- Open the Giddel reservoir by folding the lid down with your other hand.
- Place the spout of the refill bottle at the mouth of the Giddel reservoir. Care must be taken to avoid spilling while refilling the reservoir. Any spillage must be cleaned immediately by a dry paper towel or soft cloth.
- Tilt the refill bottle upside down and squeeze to pour into the Giddel reservoir.
- Do not fill to the brim to avoid spilling.
- When you are done, place the Refill Bottle down.
- Close the Giddel reservoir by flipping the lid up and clicking it shut.
- Place the robot back in its Charging Station or Mounting Bracket.
- Store the Refill Bottle in a closed, dry space, out of reach of children and pets.

Warning: DO NOT, under any circumstance, use harsh chemicals, or acids and bases of extreme PH in your robot. Altan Robotech Inc. does not assume responsibility for any harm caused by chemicals or other products used in conjunction with Giddel.

Mounting Your Robot

Figure 7 shows the mounted position of the robot in the toilet bowl. To mount your robot, please follow the instructions:

- Lift the seat up if it is not already up.
- Hold the robot by its handle and press the red Release Button on the end of the handle (see **Figure 7**).
- Insert the mounting rod end into the Mounting Bracket's open slot under the seat and release the release button. There should be a click. Gently check that the mounting rod is secured in its Mounting Bracket.
- Leave the seat up as shown in **Figure 7**.

Cleaning Your Toilet

Figure 8 depicts how Giddel cleans your toilet. Please follow the following steps:

- Turn the Power Switch on (from '0' to '1'). The Battery Status LED light (GREEN/RED) on the robot will turn on. If the light flickers or is RED you need to recharge the battery pack before you can use Giddel for cleaning. A GREEN light means Giddel is ready to go.

- When the robot is ready to clean, press the Pause/Play button (labelled in **Figure 2**). The Pause/Play button will not work unless the Power Switch (See **Figure 6** for location of Power Switch) is on AND the robot is mounted in its Mounting Bracket.
- Once the Pause/Play button is pressed, Giddel will start cleaning your toilet autonomously and the Robot Status LED light turns to solid BLUE.
- If the Giddel Reservoir is empty or has too little water, the internal pump may operate noisily as it starts feeding air instead of water. This is a gentle reminder that the Giddel reservoir needs to be refilled, and is not a cause for concern.
- If you press the Pause/Play button in the middle of the cleaning operation, Giddel will pause. You may press the Pause/Play button again to resume the Cleaning Cycle.
- Giddel cleans your toilet in a systematic fashion – the rim (surface, inner, under) and the toilet bowl interior down to the exit in approximately 5 minutes.
- Once the Cleaning Cycle is finished the robot returns to its HOME position (see **Figure 7**) and beeps to get your attention, indicating that the cleaning cycle is complete.
- If you wish to clean your toilet one more time, please turn the Power Switch off (from '1' to '0'), wait around 10 seconds and restart Giddel; otherwise, turn Giddel off, unmount Giddel from the Mounting Bracket, by squeezing the Release Button (**Figure 7**) and then pulling Giddel out of the Mounting Bracket by the handle and Mounting Rod (**Figure 2**) if necessary. Flush the toilet and replace Giddel in its Charging Station or carry it to the next toilet to be cleaned. Any time you press the Reset button shown in **Figure 2** (the robot's right eye), the power will go off momentarily and come back on again. This will restart and re-initialize the robot to its HOME position. In case of an emergency, for example, if the robot gets stuck, you may use the Reset button. Alternatively, you may turn the Power Switch off.

Disclaimer: While Giddel makes every effort to clean the toilet thoroughly, the results of cleaning may vary from toilet to toilet due to large variability in the size and shape of toilets. Altan Robotech does not guarantee any particular finish or level of cleaning.

4.4 Replacing the Cleaning Brush

There are 3 Cleaning Brushes supplied with your Giddel. **Figure 9** shows one such brush. It has a female thread at the back which screws on to the male thread on the end of the telescopic arm (**Figure 8**). To attach a new Cleaning brush, simply rotate the Cleaning Brush in a clockwise direction onto the male thread of the telescopic arm, until it clicks into place and turns no more. To remove the Cleaning Brush, wear disposable gloves and unscrew the brush in an anti-clockwise direction and dispose of safely.

5. Maintenance Instructions

To keep your robot in good condition and clean your toilet with peak performance, you need to maintain your robot properly.

5.1 General Instruction

The following actions will help you to do that.

- It is advisable to charge your robot fully after every use
- Replace your Cleaning Brush every three months. Only use the Altan Robotech supplied Cleaning Brush.
- Each time you change your Cleaning Brush, wipe the telescopic arm gently including its extended portion with an antibacterial soft cloth or paper towel.
- Regularly, at least once a month, check the Mounting Bracket to ensure that the bracket and the toilet seat are firmly fastened without loosening of the nuts and bolts.
- To keep Giddel clean and germ free, it is recommended that you occasionally wipe the outside with an antibacterial wet-wipe or spray, and then wipe with a damp soft cloth/ paper towel.
- Call Customer Service if you need further assistance.

5.2 Servicing the Double-Insulated Charging Station

Servicing of a double-insulated appliance requires extreme care and knowledge of the system and should be done only by qualified service personnel. Replacement parts of a double-insulated appliance must be identical to those parts in the appliance.

6. Troubleshooting

The following are steps you should consider if the robot is not working.

- If you start your robot but it is not moving, check the Battery Status LED light.
 - If the light is RED, you must charge the battery pack first before your robot can clean the toilet.
 - If the light is GREEN, press the reset button and start again.
 - If both fail, please contact Customer Service.

- If your robot stops working in the middle of its Cleaning Cycle, check the Battery Status LED light.
 - If the light is RED, please recharge the battery pack and try it again.
 - If the light is GREEN, switch off the Power Button and unmount the robot from the mounting bracket. Wear a pair of disposable gloves and wipe out the telescopic arm gently including its extended portion with an antibacterial soft cloth or paper towel and try it again.
 - If both fail, please contact Customer Service.
- If you find difficulty in pressing the Release Button, or don't hear the clicking sound while inserting the mounting rod into the bracket, or for some reason you think that the mounting system has stopped working, please contact Customer Service.
- If you cannot unlatch the robot, try grasping the robot Handle and squeezing the Release Button (**Figure 7**) with the thumb of the same hand and then pulling Giddel out of the Mounting rod by the Handle, and the Mounting Rod (**Figure 2**) with the other hand if necessary. If that does not work, ensure the robot is off, remove the toilet seat and Mounting Bracket by unscrewing the screws and nuts. Unlatch the finger latches through the access hole located at the bottom of the bracket, with a narrow tool.
- If the robot is not discharging fluid but the pump noise is clearly heard, fill out the Reservoir with hot water to clean the hoses.
- If the robot is neither discharging fluid nor producing audible pump noise, please contact Customer Service for repair.
- If the robot beeps continuously, please contact Customer Service for repair.
- If the robot has lost its full range of motion, please contact Customer Service for repair.

Transportation Instruction for Lithium-Ion Battery

Important: This product contains Lithium-ion batteries and is subject to stringent transportation regulations. If you need to ship your robot for service, travel or any other reason, please note that you must follow applicable laws for transporting Lithium batteries. **Do not open the body; any attempt to repair the robot yourself will disqualify your rights under the Limited Warranty provided.**

7. Customer Service

USA & Canada

If you have any questions and/or comments about your Altan Giddel, please contact Altan Robotech Customer Service. Please visit our website where you will find Giddel Accessories, useful information, support tips, and Frequently Asked Questions. Should you need further assistance, please contact Customer Service.

Customer Service:

(844)-564-7978

support@altanrobotech.com

Monday to Friday: 8:30 AM to 5:00 PM (ET)

US Resident:

Altan Robotech (USA) Inc.
224A Main Street
Goshen, NY 10924
www.altanrobotech.com

Canadian Resident:

Altan Robotech Inc.
6685 Tomken Road, Unit 211,
Mississauga, Ontario,
Canada L5T 2J6
www.altanrobotech.ca

8. Limited Warranty

A “Limited Warranty” statement is included along with this purchase and is available inside the package. It is also available at www.altanrobotech.com.

9. Declaration of Conformity

9.1 FCC Compliance Statement

This device has been tested and found to comply with part 15, subpart B, Class B of the FCC rules as stated below.

- This device may not cause harmful interference.

- This device must accept any interference it received including interference that may cause undesirable performance.



9.2 BC Compliance

The battery charging system has been successfully tested for energy efficiency at a California Energy Commission (CEC) approved laboratory.



9.3 CE Compliance

The product is tested as per CE specification and passed the test.



10. Disposal Notices

Toilet Cleaning Robot

For proper disposal of the robot, please follow the following steps.

- Remove the robot from the Charging Station and remove the battery.
- Take the robot to a nearest waste disposal station or community recycling center.
- Take the batteries to a waste disposal station or battery recycling program.

Battery

If the batteries leak, please place them in a plastic bag and dispose of them in accordance with all applicable Federal / Provincial / Territorial / State and Local laws.