



Quick Reference Guide

HydroBot Floor Scrubber



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Introduction

This quick reference guide contains information on the daily operation and care of the HydroBot. Read it carefully and become familiar with its contents.

It is important to follow all instructions and any warnings contained within this guide. Ignoring them could result in personal injury or damage to the HydroBot that may not be covered by the limited warranty.

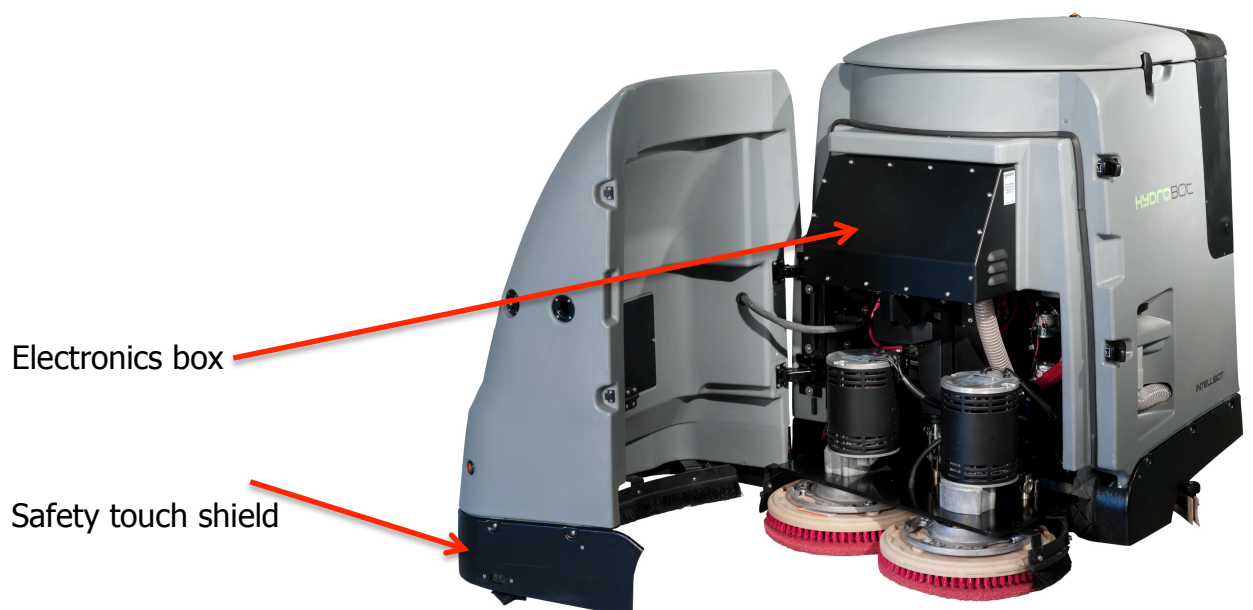
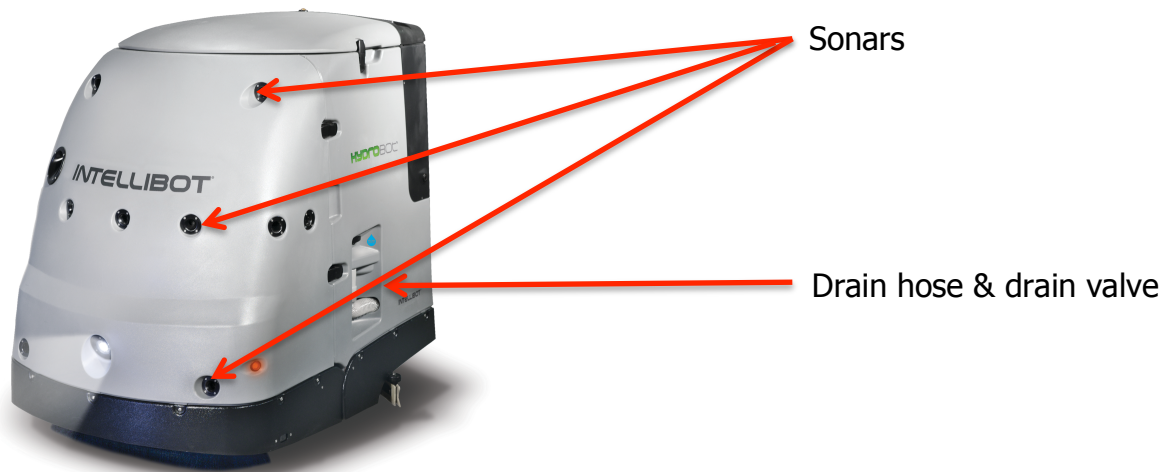
Customer Assistance 1-888-837-0002

Customer service is available 24 hours per day, 7 days per week.

User Code:

A user code is required to operate the machine. This machine is pre-programmed with a user code **12345**. This should be replaced during initial setup with your own unique personal code.

USER CODE: _____



Operator Control Panel Overview

Amber warning light: Provides a visual indicator that the machine is operating.

On/Off button: Press this button to power on the machine. A green ring will light up when pressed. You can use the same button to power down the machine.

Touch Screen display: Use the screen to log in, input commands and monitor the status of the machine.

Handle bar: To move the machine you must gently squeeze the pressure strip on the underside of the handle.

Emergency stop switch: Depressing the stop switch will immediately "pause" the machine. Pull the button out to resume cleaning. Note: When running in Hands-Free mode, there will be a pause button on the touchscreen. This is the preferred method to pause the machine. The emergency stop button is best reserved for emergencies.



Parking Brake: To the left is locked, to the right is released.



Start Up Steps

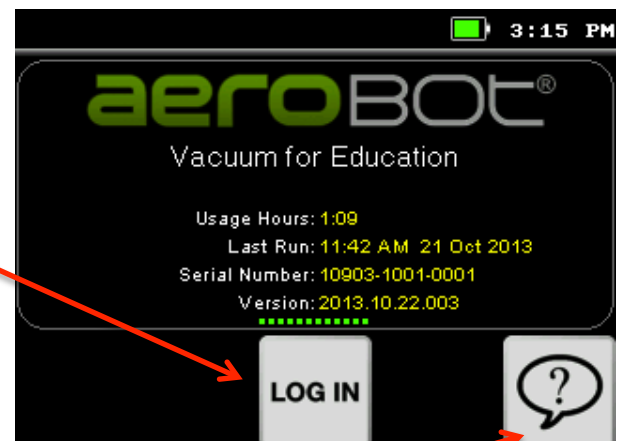
1. Disconnect the Battery Charger (it will not start if connected).



2. Press the "ON" button. Note: It takes almost two (2) minutes for the machine to fully power up.

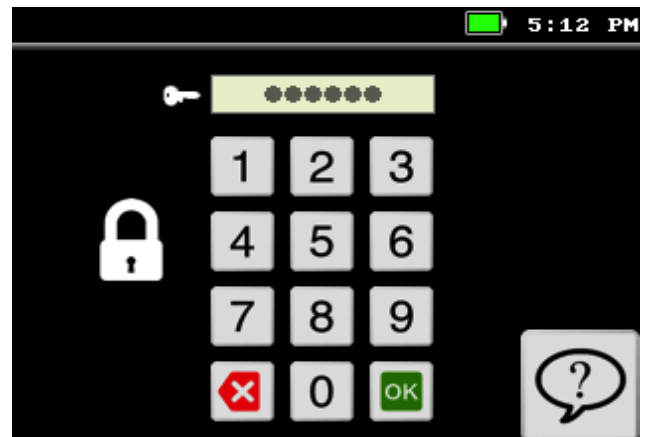


3. Touch the "Log In" button.

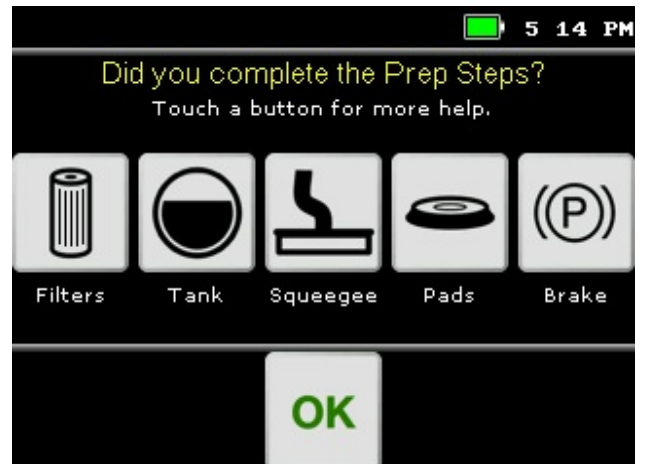


4. **Help Button:** For help at any time, touch this button to show Hint Bubbles, which explains what each one does.

5. Enter your operator code and Touch "OK". (If your operator code is unknown, contact your administrator.)



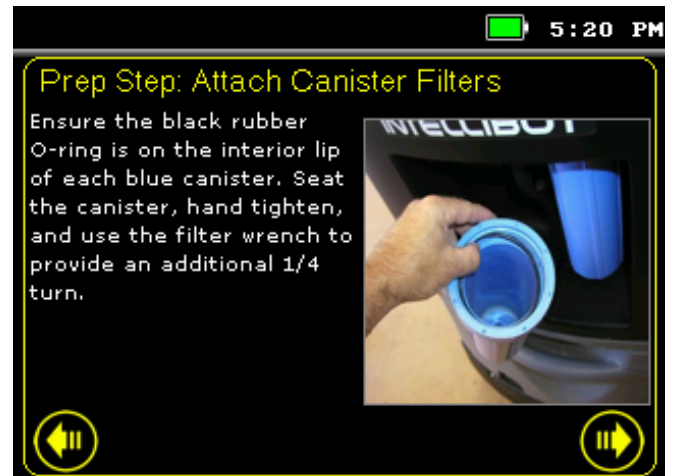
Once you enter your operator code, a series of screens will appear that will prompt you through the preparation steps prior to cleaning.



Install filters.



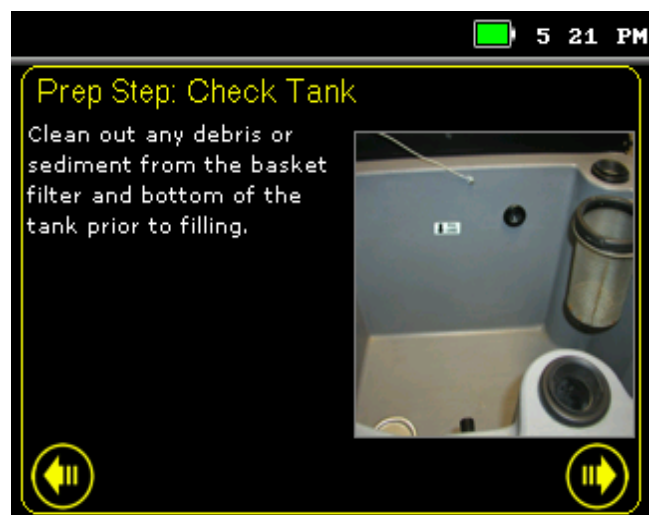
Attach canister filters.



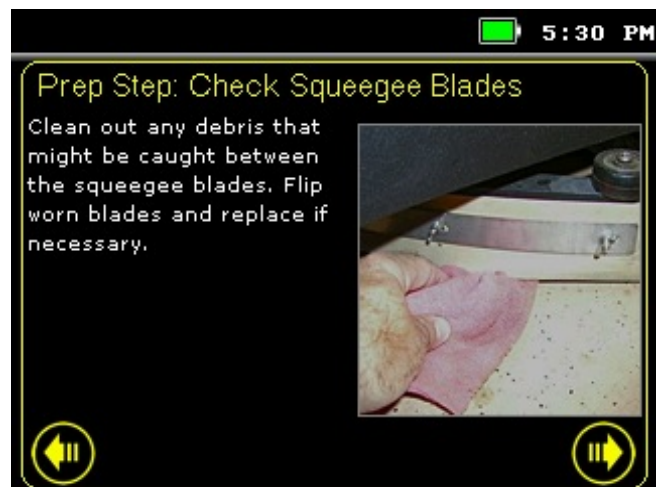
Check tank.

Fill tank with water to prescribed line.

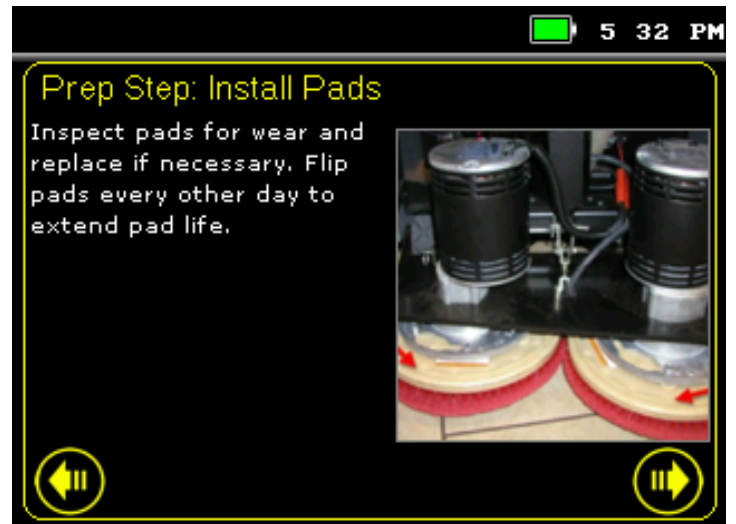
Add no more than 3-6 oz. of non-foaming cleaner (e.g. neutral cleaner).



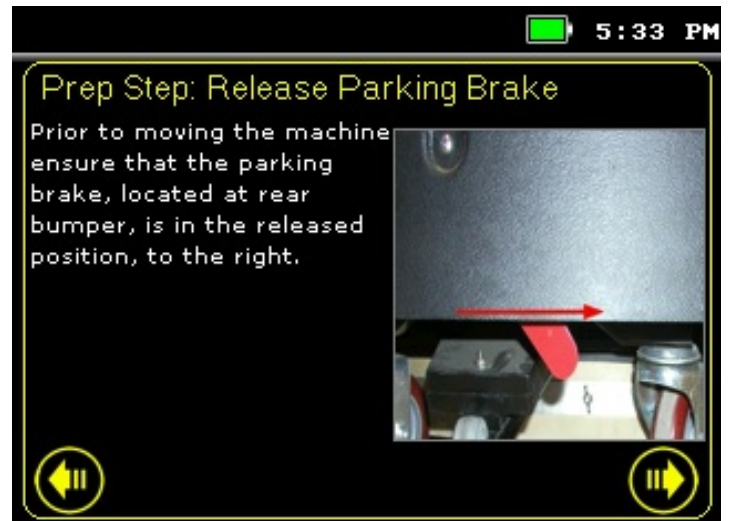
Check squeegee blades.



Check pads.



Release parking brake.



Clear Obstacles Before Cleaning:

Make sure the area to be cleaned is as clutter-free as possible by removing all items from the area such as garbage bags, trashcans and cleaning carts.

Cleaning Options

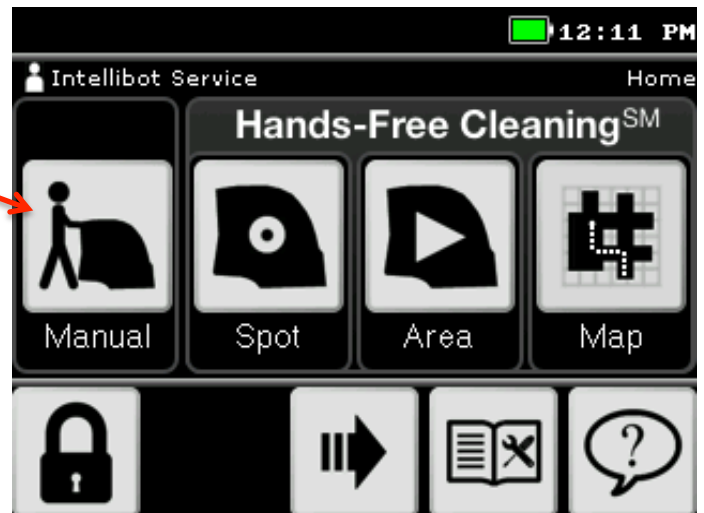
There are two operating modes for the HydroBot: Manual and Hands Free. Manual allows you to control all cleaning functions including speed and water flow.

Hands Free allows you to let go while the machine cleans the area automatically.

Manual Clean

To operate the machine in manual cleaning mode, perform the following actions:

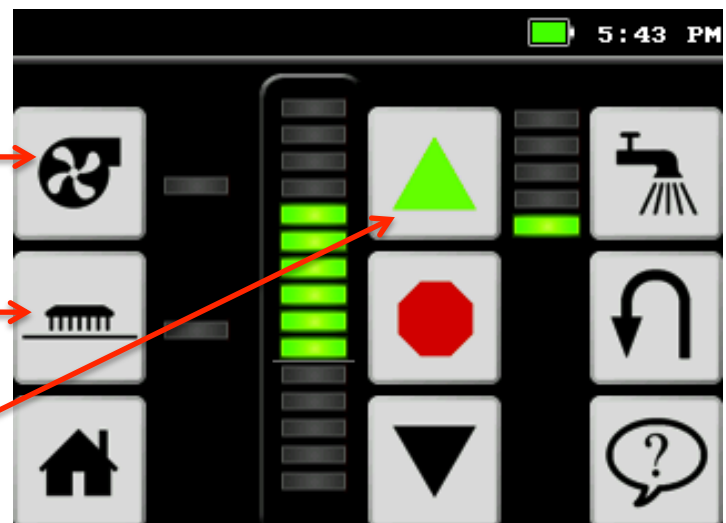
1. Touch the Manual Clean button on the home screen.



2. Turn on the vacuum and squeegee by touching the fan button.

3. Turn on the cleaning head by touching the scrub brush button.

4. Touch the forward arrow icon until the speed bar indicator is at the desired speed.



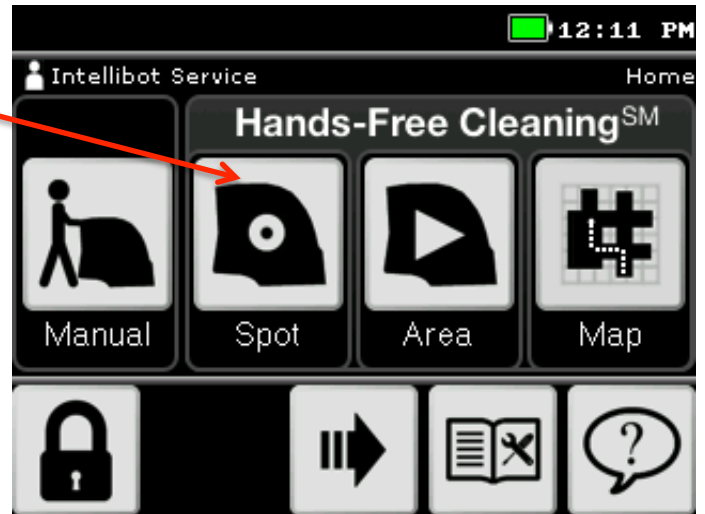
5. Squeeze the handle bar and maneuver the machine over the surface to be cleaned. To stop the machine, release the handle bar.

Hands-Free Spot Clean

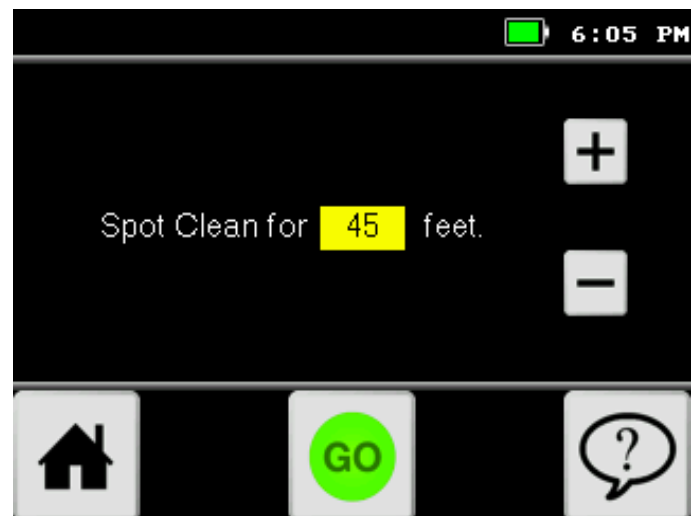
Spot Clean is used to clean a hallway or aisle for a specific distance (minimum of 20 feet). The hallway/aisle must be between 5.5 feet and 60 feet wide. There must be two walls, one on the left and one on the right, at the start of Spot Clean for it to accurately measure the width of the area to clean.

Position the machine in the middle of the hallway/aisle and perform the following actions:

1. Touch the Spot Clean button on the Home screen.



2. Select the distance to clean with the "+" and "-" buttons to set the cleaning length from 20 to 200 feet.
3. Touch "GO" and the machine will start cleaning.

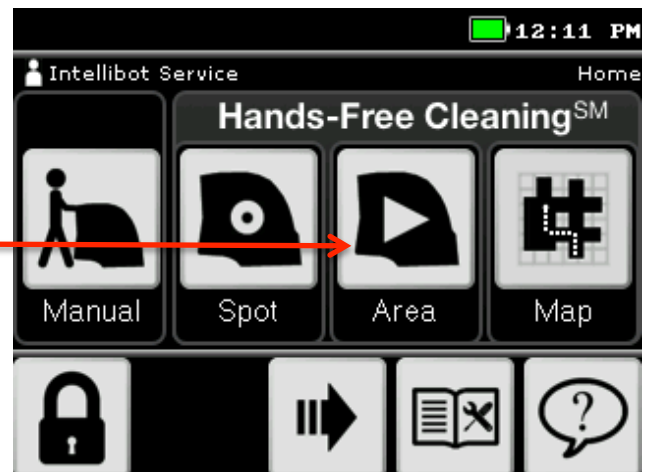


Hands-Free Area Clean

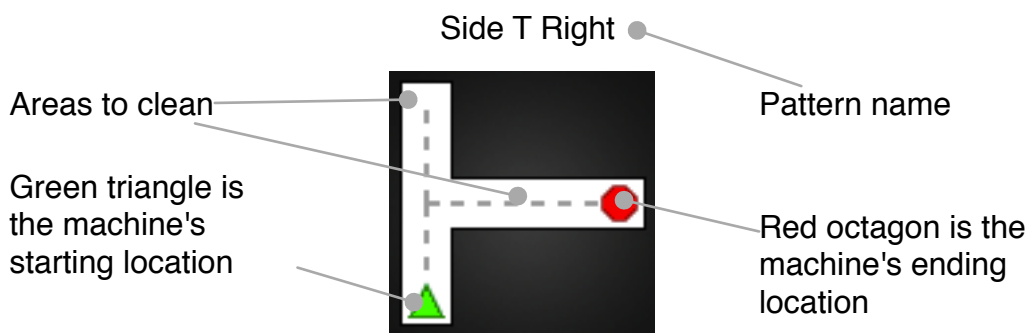
Use this mode to automatically clean hallways, conference rooms and aisles, 5.5 feet to 60 feet wide. Area Clean can clean an area with only one sidewall as a reference but works best when both a left and right wall are present. An end wall or some other obstacle is needed to designate the end of the cleaning area for the machine. There are nine separate cleaning patterns to choose from.

Position the machine in the middle of the hallway/aisle.

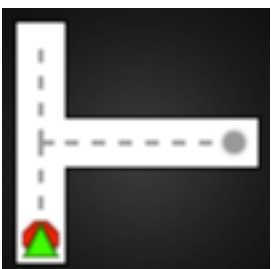
1. Touch the Area Clean button on the Home screen.



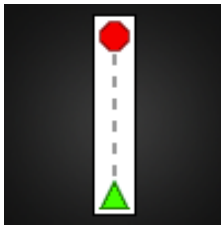
The nine cleaning patterns available on the machine are show graphically on the touchscreen. Below are the elements of a cleaning pattern.



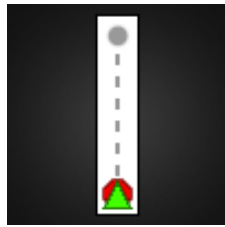
Below is the same pattern with "Return to Start" enabled. Notice the red octagon moved to the starting location. The gray circle shows where the cleaning finished.



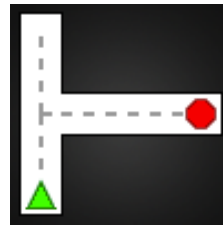
Cleaning Patterns:



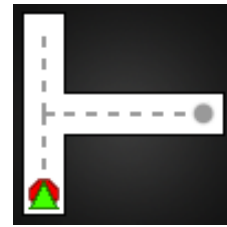
Single Area



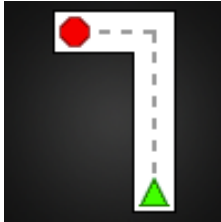
Single Area Return



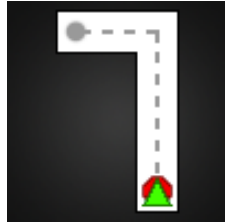
Side T Right



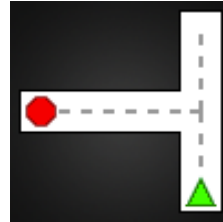
Side T Right Return



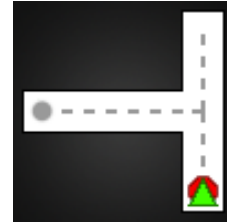
L Left



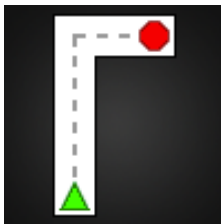
L Left Return



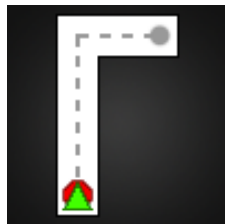
Side T Left



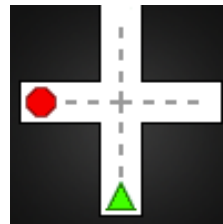
Side T Left Return



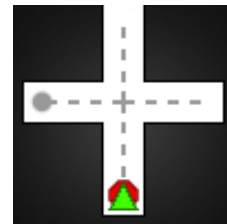
L Right



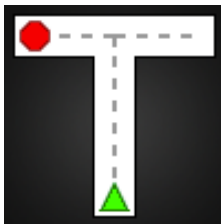
L Right Return



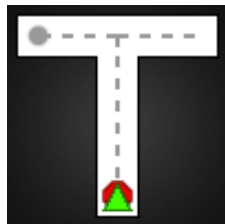
Cross Left



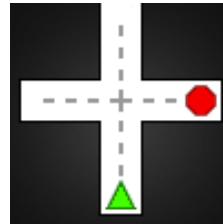
Cross Left Return



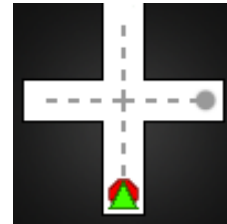
T Left



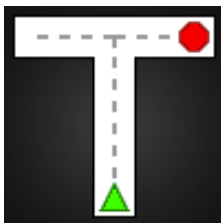
T Left Return



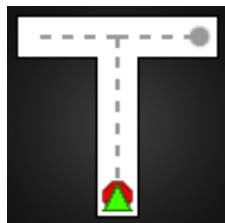
Cross Right



Cross Right Return

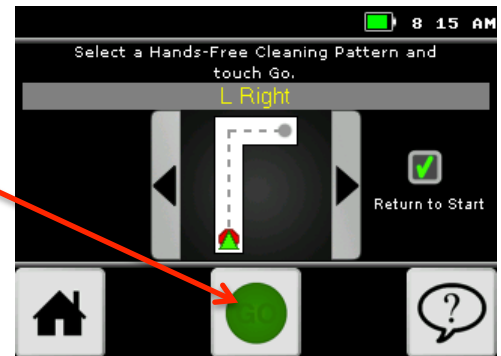


T Right



T Right Return

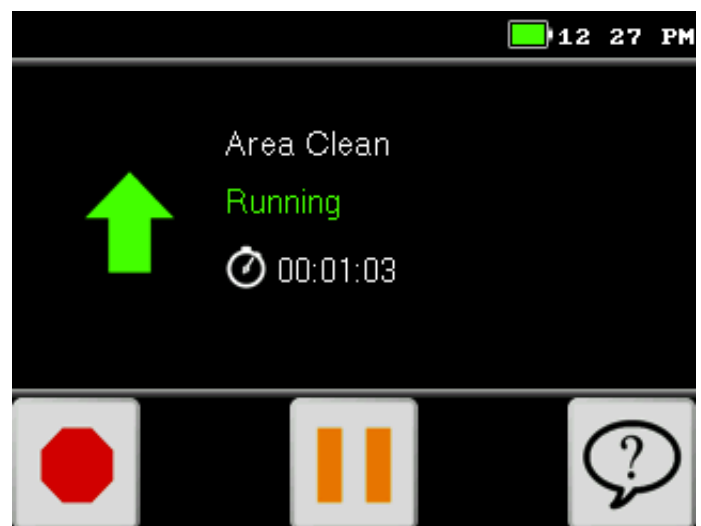
2. Use Left and Right arrows to choose a Hands-Free pattern. Once you select a cleaning pattern, touch "Go."



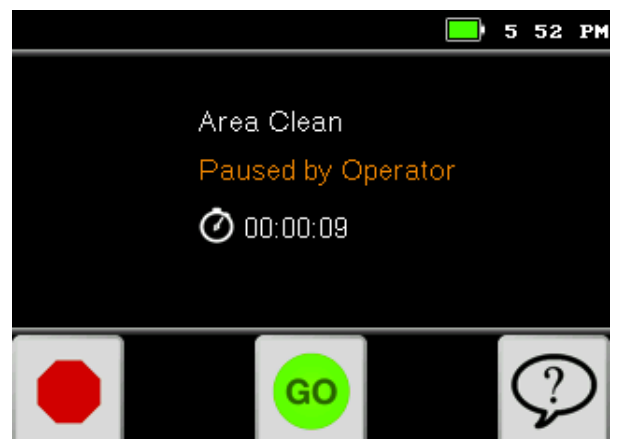
On the first pass (learning pass) of the first Area, the machine looks for openings that match the Cleaning Pattern selected. Note: If the hallway does not match the pattern you selected, the machine will only clean the first leg.

The machine will automatically stop at the end of the cleaning pattern. Optionally, by touching **Return to Start** the machine will return to the starting location of the first Area when it is finished cleaning.

3. To pause the machine, touch the "II" Pause button.



4. To resume cleaning, touch the blinking "GO."

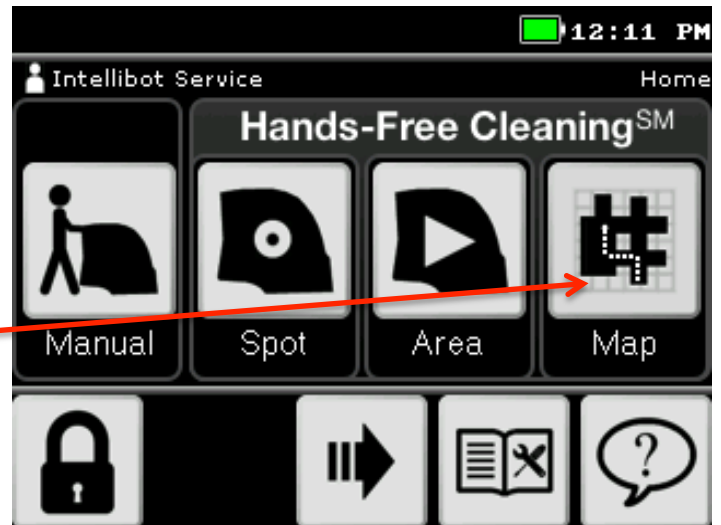


5. To stop cleaning, touch the "Stop." The machine will ask you to confirm that you want to stop cleaning. If not, the machine will be paused and can be resumed.

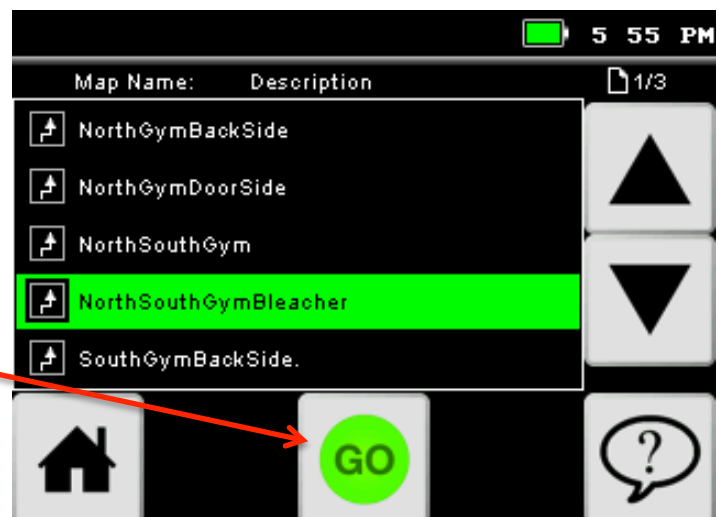
Map clean (optional)

Map clean is created with an optional software package. Maps are created and stored on the machine. Each map has a unique starting location. The machine must be within 2 feet of that starting location and oriented in the proper direction for the route to run successfully.

1. Position the machine at starting point that is associated with a specific map.
2. Choose "MAP" from the menu.



3. Select appropriate map from list.
4. Touch "Go."



Completing Daily Cleaning Routine

The tank should be drained, rinsed and cleaned at the end of every shift. Filters should be removed, rinsed, and allowed to air dry. Pleated filters need to be brushed and rinsed after drying and before re-installing in canisters. This will ensure the robot remains clean and free from bacteria.

Maneuver the robot to a location where fluids can be drained.

1. Open tank lid.
2. Locate the drain hose and position the end to where fluids can be dumped.
3. Pull the drain valve. The dirty water should now dispense into the drain area.
4. Rinse tank.

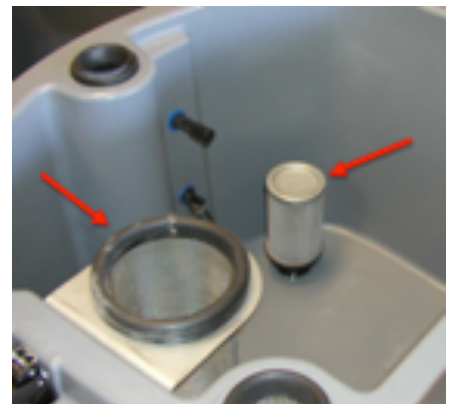


Using the canister wrench, remove the blue canister(s) by turning counterclockwise. Remove filter(s). If using cotton wound filters, rinse and allow to dry before next use. If using pleated filters, allow to dry completely; brush filters with brush and rinse before using. Inspect filter(s) and replace as necessary.

Important: Insure O-rings remain on the interior lip of blue canisters.



1. Remove wire basket and clean.
2. Rinse out tank.



Parking and Charging

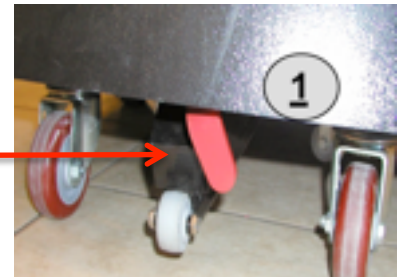
1. Maneuver the machine to the charging station.
2. Power down by pressing the on/off button on the control panel.
3. The machine must be placed on a continuous charge for 18 hours for a full charge. Only 24-volt chargers with a gel cell setting can be used. These chargers ensure that the batteries do not overheat. Using any other charger will damage the machine's batteries.



Exchanging Battery Packs

1. Set the parking brake.

WARNING: THE BATTERY PACK CONTAINS 4 BATTERIES, ALL OF WHICH HAVE AN ACTIVE CHARGE THAT CAN CAUSE PERSONAL INJURY. USE CAUTION WHEN HANDLING.



2. Position battery exchange cart to receive battery pack. Latch the guide ramp into slots located above rear bumper. Lock the casters on the Battery Exchange Cart.

WARNING: A BATTERY PACK WEIGHS 260 LBS. BE SURE THAT THE EXCHANGE CART CASTERS ARE IN A LOCKED POSITION TO PREVENT PERSONAL INJURY.



3. Press latch to release battery pack.
4. Using the handle, pull the battery pack onto the cart.
5. Release locking latch and casters.
6. Spin battery Cart 180 degrees, aligning new battery pack.
7. Engage latching gate and lock casters.
8. Push battery pack into place until handle latch locks.



Important!

The HydroBot should be inspected and serviced by a factory-trained and certified Intellibot service technician every 250 hours. Call Intellibot Customer Assistance (1-888-837-0002) to schedule service.