

# Whiz BrainOS (ver1.14.28) Release Note

OCTOBER 27 TH, 2020

Thank you for using our AI cleaning cobot Whiz. Brain OS (ver1.14.28) includes updates as follows:



## RELEASE DATE - OCTOBER 29TH 2020

### UPDATED CONTENT

- **"Route Sequencing"** feature has been added. This function will allow the user to select multiple routes to be cleaned consecutively.
- **"Delay Start"** feature has been added. This function will allow the user to set a desired time delay for a machine to start autonomous cleaning (Limitation: The time must be set between 10 seconds and 7 hours).
- If the machine was moved after scanning the Home Location Codes (HLC), a pop-up message will appear on the display requesting the user to re-scan the HLC. The machine will then commence cleaning from the beginning of the route.
- Various UI updates to improve user experience.
- Several bugs have been fixed.

# How to Update

1. Press the main power switch (I/O) to turn the Machine on (I).
2. When the Machine is connected to the Robot Operations Center (ROC), the download will start automatically. Please wait for download complete without turning the power off.  
**\*The download will take approximately one hour. The download may take several hours depending on the internet connection.\***  
**\*The Machine can be used during the download.\***
3. Turn the power off, then reboot.  
**\*Whiz may take up to a minute longer to reboot whilst the download installs.\***
4. Check whether the software version has been updated to "1.14.28" by tapping the "**About**" tab on the "**Settings**" menu.

## PREVIOUS UPDATE INFORMATION

### VER 1.12.41 - OCTOBER 5TH, 2020 RELEASE

- Cliff detection behavior has been changed as a countermeasure for static electricity (ESD) issues causing false cliff detection. In the previous SW, the machine called for an assist when a cliff was detected once. However, from v1.12 software, the machine will need to detect the cliff several times in a row to call an assist.

### VER 1.9.31 - AUGUST 15TH, 2020 RELEASE

- New UI escalator warning messages added to remind the user to check surroundings when starting up the machine, teaching a route, and starting autonomous cleaning. See "Important Safety Instructions" for more information.

### VER 1.9.27 - AUGUST 6TH, 2020 RELEASE

- Whiz now recognizes boundaries and maintains distance from walls as it cleans
- The error wording for the secondary battery of when it reaches a low battery level has been changed
- The specification for replacing the battery with the power "on" changed. It will now need to be replaced within three minutes
- Czech, Danish, Estonian, Icelandic, Italian, Hungarian, Dutch, Norwegian, Polish, Portuguese, Finnish, Romanian, Swedish, Turkish, Greek, Russian, Arabic, Hebrew added to the language
- Various UI display changed
- Several bugs fixed

### VER 1.6.38 - APRIL 21ST, 2020 RELEASE

- The cleaning route width to match the scale of the map on the touch display improved
- The error wording of when moving the Machine backward during autonomous cleaning improved
- The behavior of when detecting a cliff during autonomous cleaning fixed (The distance the Machine moves backward changed)
- French added to the language
- Additional End User License Agreement: Korean/French
- Various UI display changed
- Several bugs fixed

### VER 1.3.19 - LIMITED RELEASE IN SOME REGIONS

- The error wording, "SECONDARY BATTERY OFF" updated
- Korean added to the language
- Several bugs fixed

### VER 1.0.0.2 - DEC 13TH, 2019 RELEASE

- Whiz can clean autonomously without the Secondary battery being on
- Several bugs are fixed



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