

virtual project summary

A. Button type attached to robot vacuum cleaner

Power / wifi / start (or exit)



※ I drew this image myself, so please understand.

B. How the robot vacuum cleaner can operate

- 1. Autonomous driving
 - The user presses the Start button himself to train the house structure in vision and clean it
- 2. Remote Driving
 - After registering the device in the app, the user can remotely clean by selecting the desired and unwanted locations

C. Button light color according to instrument status

color	RGB	Applied condition
Blue	38, 28, 246	- After Power On, Power/Start Button - Battery indication if battery is 70% or more - Wifi Connected Status > Wifi Button
White	240, 230, 230	- Wifi Not Connected Status (Searching / Connection in progress) > Wifi button
Green	25, 120, 19	- Battery indication if the battery is less than 50%
Red	255, 0, 0	- Battery indication if the battery is less than 30%

D. Button Animation Type according to instrument status

Animation Type	Applied condition	description
BLINKFAST	- Device Wifi Scanning Status - Device Wifi Connection Status	Fast blinking. Applied to cases where LED blinks multiple times fast