

ReSpace Manual

Operating a K3VN Unit with the Proprietary App

K3VN – Kinetic 3-Axis Venue Navigator

Robot Setup Guide

Once your robot has been delivered, there are two main steps you need to complete before using it:

1. Set up the Hub

- Choose an appropriate space for the Hub.
- Plug it into a mains power outlet.

2. Power on the Robot

- Locate the **E-Stop button** on the robot.
 - **Twist** the button to turn the robot **on**.
 - **Push** the button to turn the robot **off**.
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Configuring the App

Logging In

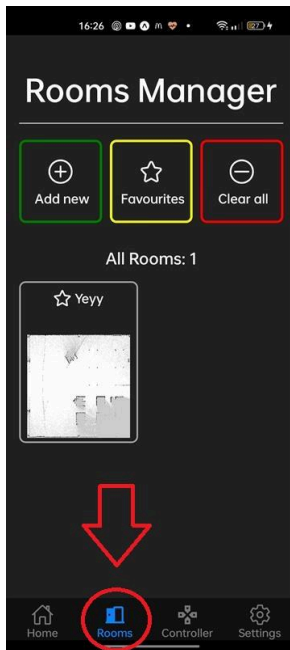
Once you've installed the app, you'll be prompted to log in.

- Enter your **username** and **password**.
- If this is your first time, tap **Create Account**.

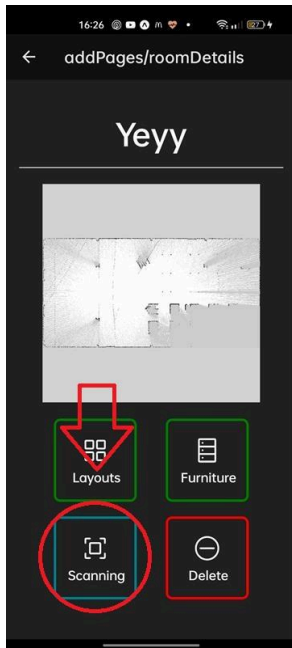
- If you already have an account, tap **Log In**.
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Room Scanning

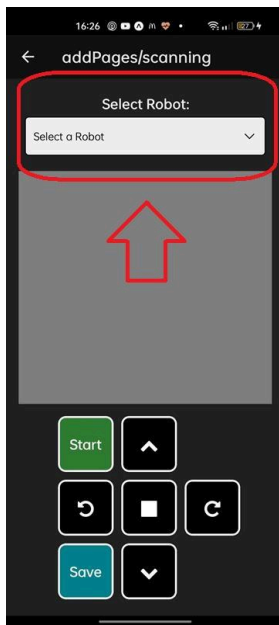
1. Tap the **Rooms** tab at the bottom of the screen.



2. Tap **Add New Room**.
3. Enter a name for the room and tap **Create**.
(You will be taken to the Room Details screen.)
4. Tap the **Scanning** option on the details page.



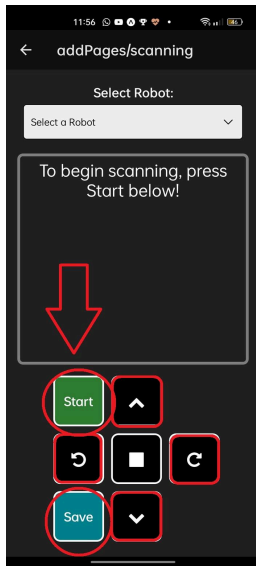
5. Tap the dropdown and select the desired robot.



6. Tap **Start**.

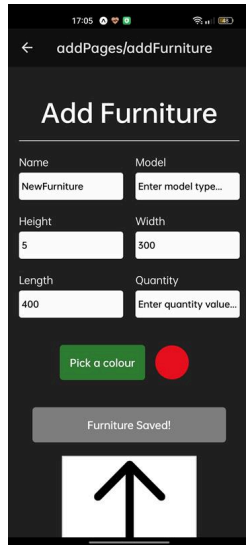
- A live feed from the robot will appear.
- Use the four arrow keys (cardinal directions) to manually control the robot.

7. Move the robot around the room until you are satisfied with the scan.
8. Once all sides of the room are scanned, tap **Save**.



Adding Furniture

1. Swipe back once you've saved the scan.
2. Tap the **Add Furniture** button.
3. Enter the furniture's dimensions as prompted.
4. Tap **Save Furniture**.



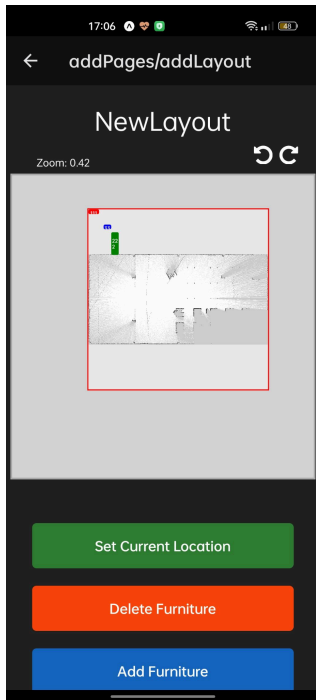
5. A QR code will appear—tap the **Download** button to save it to your camera roll.
6. Print the QR code and stick it to the underside of the furniture so it's clearly visible (preferably in a large size).



Adding New Layouts

1. Once a room scan and furniture are saved, go to the **Room Details** page.
 - The most recent scan will appear.
2. Tap the **Layouts** tab at the bottom of the Room Details page.

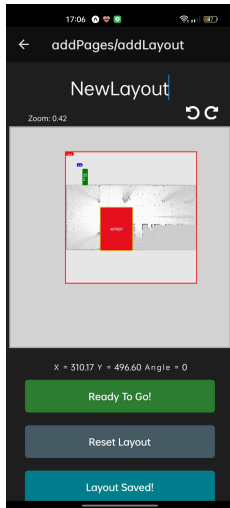
3. Layout manager -> add new layout
4. Add a title for the layout.



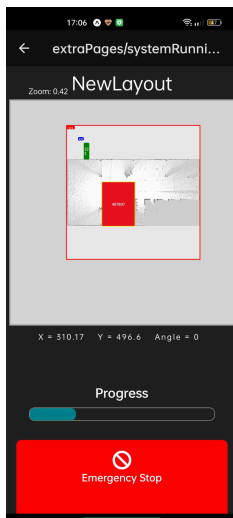
5. Tap the **Add Furniture** button.
6. Select the desired piece of furniture.
7. Drag the furniture to its **current location**.
8. Once you've placed all the furniture you want:
 - Tap **Set Current Location**.
9. You'll now be prompted to drag the furniture again—this time to the **desired location**.
10. Drag the furniture.
11. Tap **Save Layout**.

System Running Page

- After saving the layout, tap **Ready to Go**.



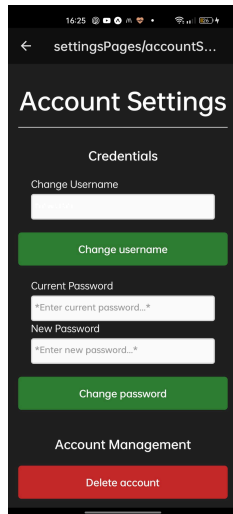
- The robot's current location will load, along with a progress bar.
- The picked up furniture will update with the robots current position.
- If anything unusual happens, press the **Emergency Stop** button.
- Once the progress bar is full, the robot will have completed the move task.



- Return to the home screen to add more rooms, furniture, or layouts.

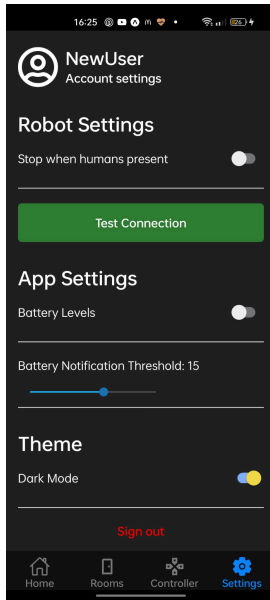
Account Settings

1. Go to the **Settings** tab at the bottom of the screen.
2. Tap **Account Settings**.
3. Re-enter your credentials as desired.



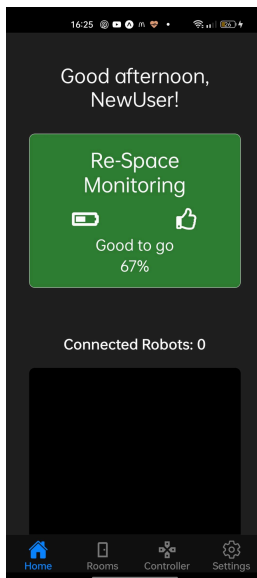
General Settings

- In **Settings**, you can enable **Dark Mode**.
- You can also **test the connection** to ensure your robots are properly connected.



Main Screen

- View the robot's **current battery life**.
- See a **list of connected robots**.



Manual Control

1. Tap the **Controller** tab.
2. Use the arrow keys to manually control the robot.

