

How to Use
MRC Reality
- Meta Quest 3 -

Caution

- The simulation of this application does not guarantee the design, size, range of motion, etc. of the actual robot.
- When actually installing a robot, please check the specifications on the product page.
- Please pay attention to the surroundings when using this application.

Basic Operations

It can be interacted with a controller or hand gesture.

Select an Item

Controller



Place the cursor to the object and press the "A" button.

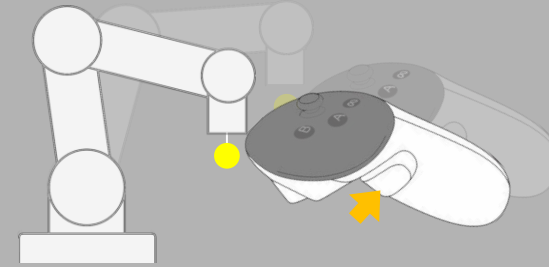
Hand



Press with index finger Place the cursor over and tap with thumb and index finger.

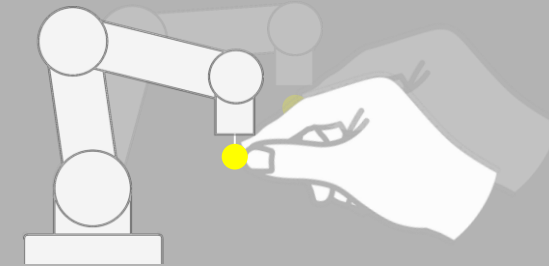
Grab and Operate Some objects can be grabbed

Controller



Hold the controller close to the object and move it while holding down the grip button.

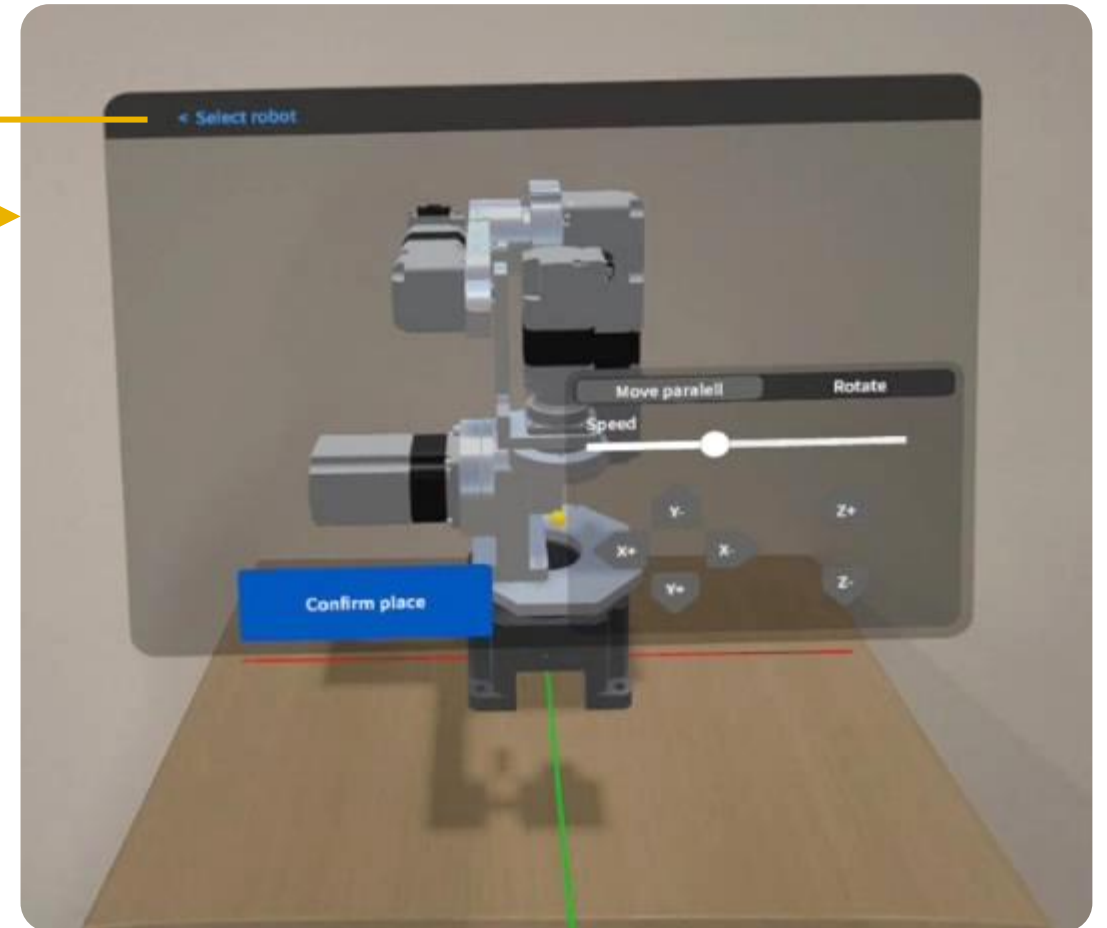
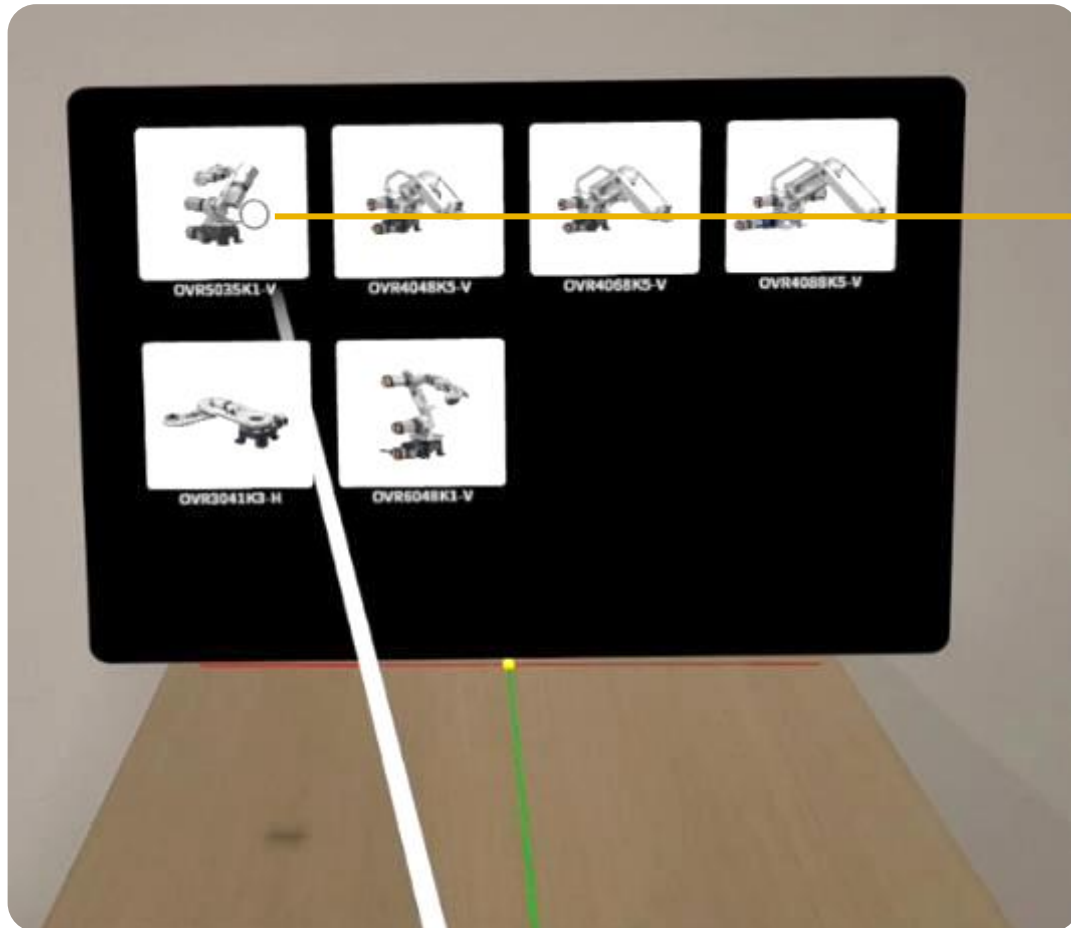
Hand



Grab and move the object with thumb and index finger.

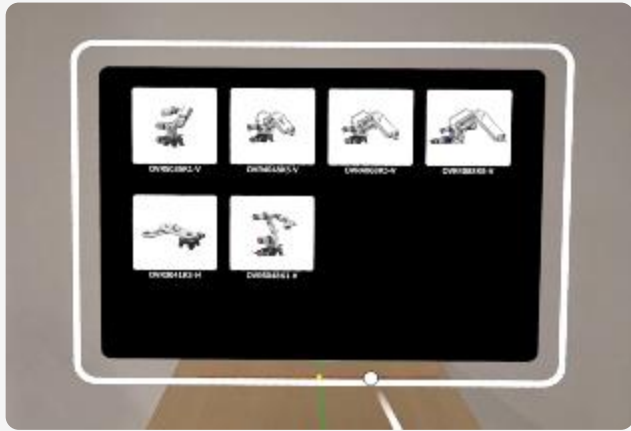
How to Use

Robot Selection Select the robot to view in your space.



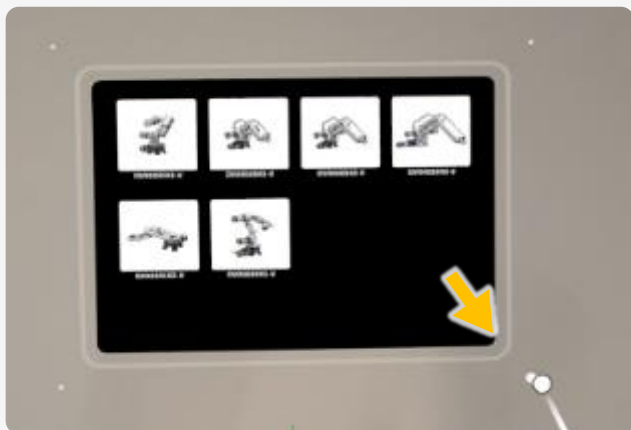
How to Use

Moving and Resizing of the Operation Panel



Move

A white frame displays when the controller/hand or the cursor is placed close to the outside of the operation panel. It can be changed the placement by grabbing the white frame.



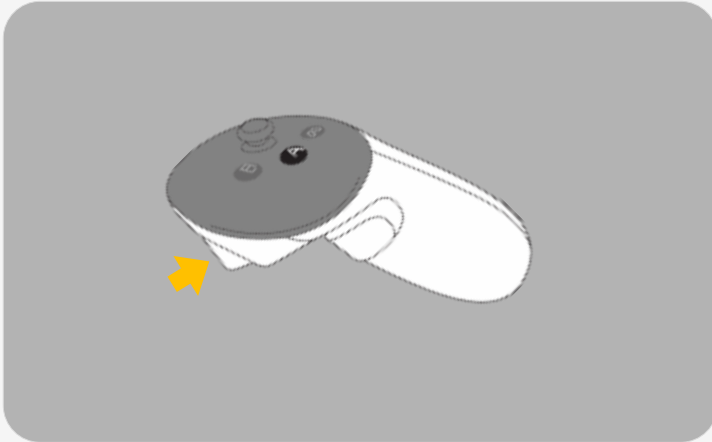
Resize

A white dot displays when the controller/hand or the cursor is placed close to the corner of the white frame. It can be resized by grabbing the white dot.

How to Use

Reset the Placement of the Operation Panel and the Robot placement

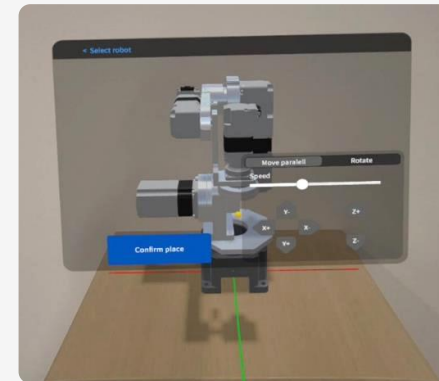
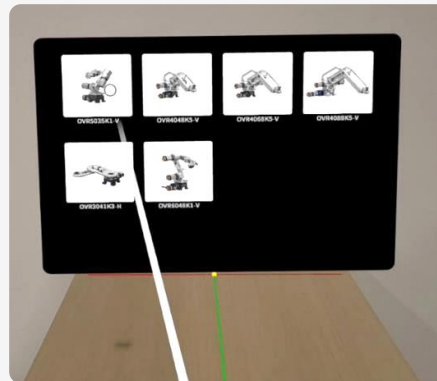
* Hand gestures are not supported.



Press the trigger button on the right controller briefly to reset the position and size of the operation panel, placing it in front of the operator.

Press and hold for 2 seconds or more, the robot placed position also reset and placed it in front of the operator.

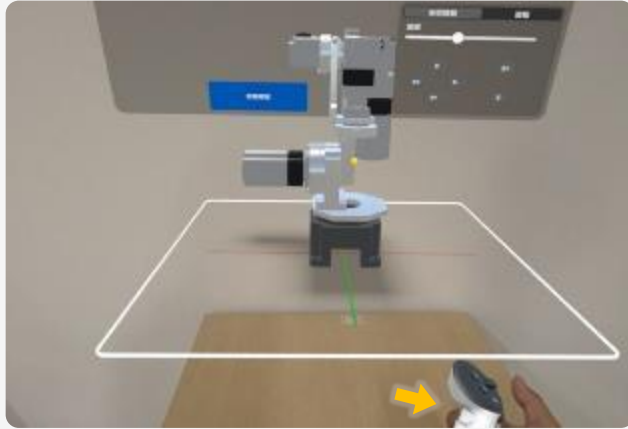
* The robot placed position resets only in the robot selection mode or the robot placement mode, as described below.



How to Use


Placing the Robot

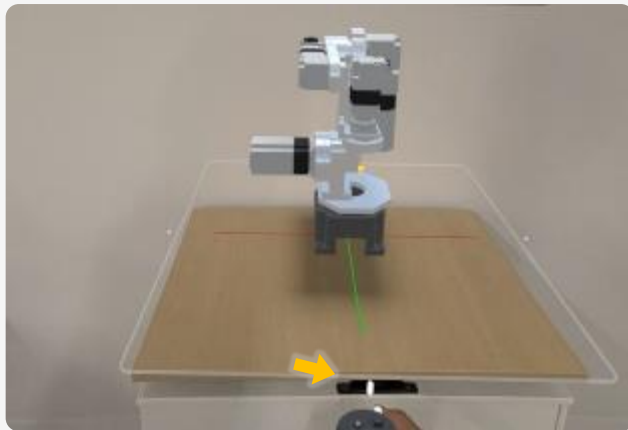
Adjust the placement and select **Confirm place** on the operation panel.



Move

As well as “Move” on the operation panel, a white frame is displayed when the controller/hand or the cursor approaches to the robot. It can be changed the placement by grabbing the white frame.


Movement is also possible by pressing and holding the operation panel lower right direction button “”.



Rotation

A white dot displays when the controller/hand itself or the cursor is placed close to the center of the edge of the white frame.

It can be changed the placement by grabbing the white frame.

Rotation is also possible by pressing and holding the operation panel lower right direction button “”.

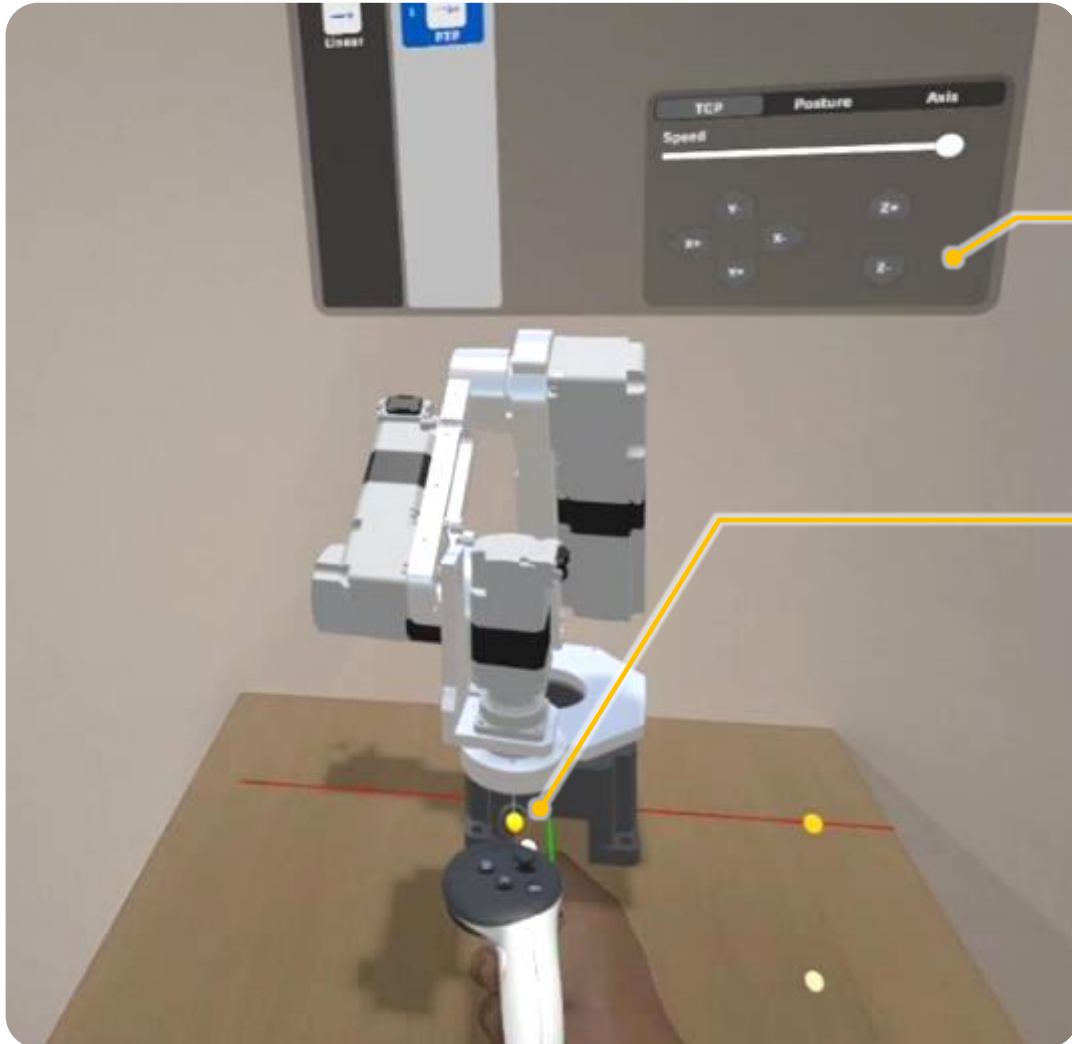
How to Use

Teaching Operate the robot and create a operation program for its movements.




How to Use

Teaching Operate the robot and create a operation program for its movements.



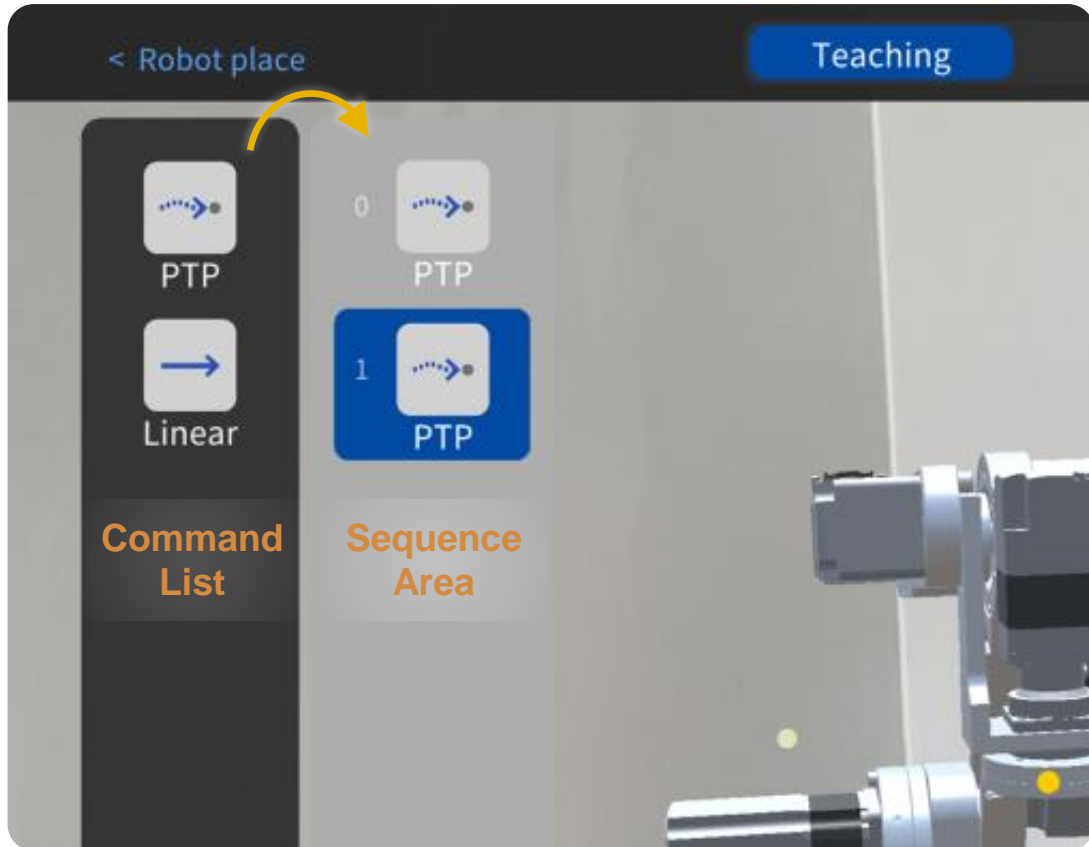
Robot Operation

Operate the robot by pressing and holding the operation button “”.

Operate the robot by grabbing the yellow sphere on the tip of the robot.

How to Use

Teaching Operate the robot and create a operation program for its movements.



Create a Program

Add commands from the command list to the sequence area to create the motion of the robot.

How to Add a Command

1. Operate the robot to the target placement.
2. Add a command to operate it to that placement.
Double tap the icon ▶ Add to the end of the sequence.
Drag & drop the icon ▶ Add to a desired placement.

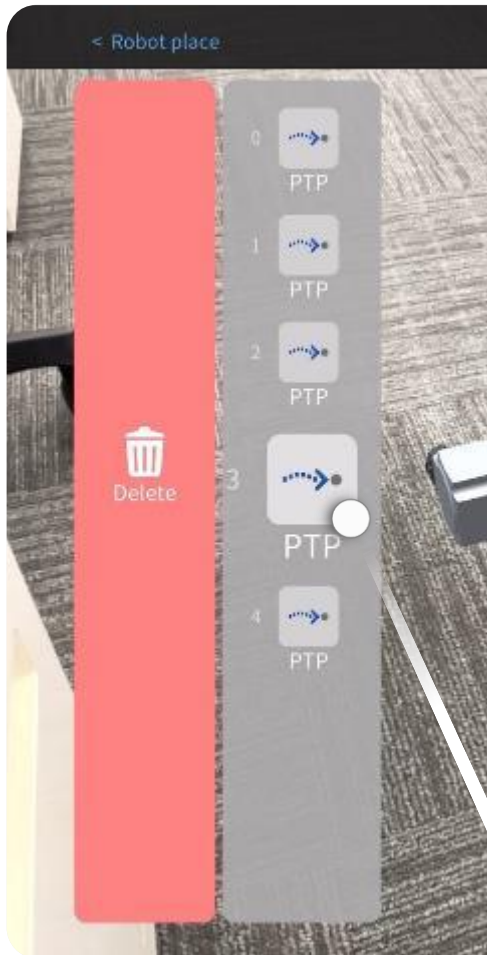
Commands

PTP: Each motor moves in a way that minimizes the travel amount.

Linear: The robot tool center point (TCP) moves in a linear trajectory.

How to Use

Editing a Program



Push and hold the command icon to enable dragging.



The order can be changed by dragging and dropping in the sequence area.

Dropping into the delete area erases the command.

How to Use

Test Execute the created operation program for its movements



Sequential Execution

While the button is pressed, the command is executed from the topmost command.

Oriental motor