CODER MiP™

Commands

Events

Events are your starting point for a chain of actions. MiP™ will wait for a specific event to happen, like a swipe gesture, before moving on to other actions.

Start	MiP™ begins the custom sequence of actions.
Position Change	Place MiP™ into the correct position to trigger the sequence.
Swipe Gesture	Swipe your hand in front of MiP™ to trigger the sequence.
Weight	Stack weights on MiP™'s tray to trigger the sequence.
Clap	Clap twice or tap MiP™ on the head to trigger the sequence.

Logic

Logic lets you organize MiP™'s other actions!

Wait	MiP™ stops to wait the specified duration before continuing.
Repeat	MiP™ will repeat any actions you place inside this block!

Actions

Show off what your MiP™ can do with Actions: control lights and sounds, command MiP™ to fall over, even send a signal to other MiP™s nearby!

Chest LED	Change the color of MiP™'s chest light.
Chest Flash	MiP™'s chest light flashes its current color.
Sound Effects	MiP™ makes sounds, from a trumpet to a boxing punch!
Eyes LED	Turn MiP™'s eye lights on and off, or make them blink.
Fall Over	MiP™ falls over forward or backward.
Volume	Control the volume of MiP™'s sounds.

Motions

With Motions, control your MiP™'s movement in several ways. Rotate, drive forward or backward, or trace your own route with the Follow Path feature!
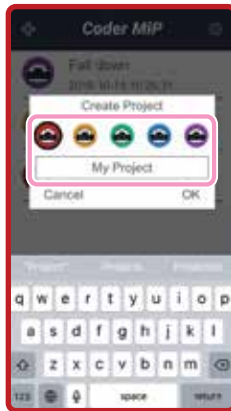
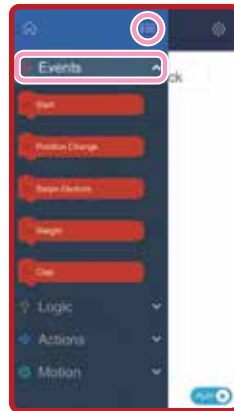|	
Drive Forward (Distance)	MiP™ moves forward the specified distance.
Drive Forward (Time)	MiP™ moves forward at your desired speed and duration.
Drive Backward (Time)	MiP™ moves backwards at your desired speed and duration.
Rotate	Turn MiP™ clockwise to face any angle.
Follow Path	Trace a path for MiP to follow!

How To Program MiP™

Step 1
Go to "My Projects" tab and press "+" button to create a new project.
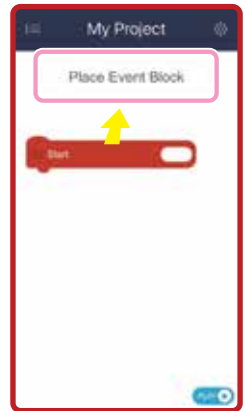

Step 2
Select project icon and input project name.

Step 3
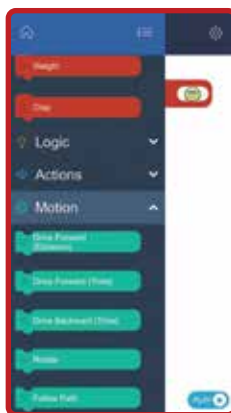Press the menu icon on the top left and then expand the "Events" tab.

Step 4
Touch and hold the "Start" block, then drag and drop it into the canvas. Switch ON your MiP™ robot. Remember to turn ON Bluetooth® on your phone.

Step 5
Tap the white button in the "Start" block. Select your MiP™ from the list.

Step 6
Open the menu again and drag other block(s) to the canvas.

Step 7
Attach new blocks to the "Start" block. Press PLAY button.

Step 8
Try adding more blocks to create your unique sequence. Once ready - press PLAY to playback sequence.