Basic Mode – only uses left and middle sensors:

|  |  |
| --- | --- |
|  | Go straight:   * Left – Forward – SPEED\_STRAIGHT * Right – Forward – SPEED\_STRAIGHT |
|  | Hard right:   * Left – Forward – SPEED\_TURN * Right – Back – SPEED\_TURN |
|  | Hard left:   * Left – Back – SPEED\_TURN * Right – Right – SPEED\_TURN |

Advanced Mode – uses all 3 sensors:

|  |  |
| --- | --- |
|  | Go straight:   * Left – Forward – SPEED\_STRAIGHT * Right – Forward – SPEED\_STRAIGHT |
|  | Soft right:   * Left – Forward – SPEED\_STRAIGHT * Right – Forward – SPEED\_TURN |
|  | Soft left:   * Left – Forward – SPEED\_TURN * Right – Forward – SPEED\_STRAIGHT |
|  | Hard right:   * Left – Forward – SPEED\_TURN * Right – Back – SPEED\_TURN |
|  | Hard left:   * Left – Back – SPEED\_TURN * Right – Right – SPEED\_TURN |