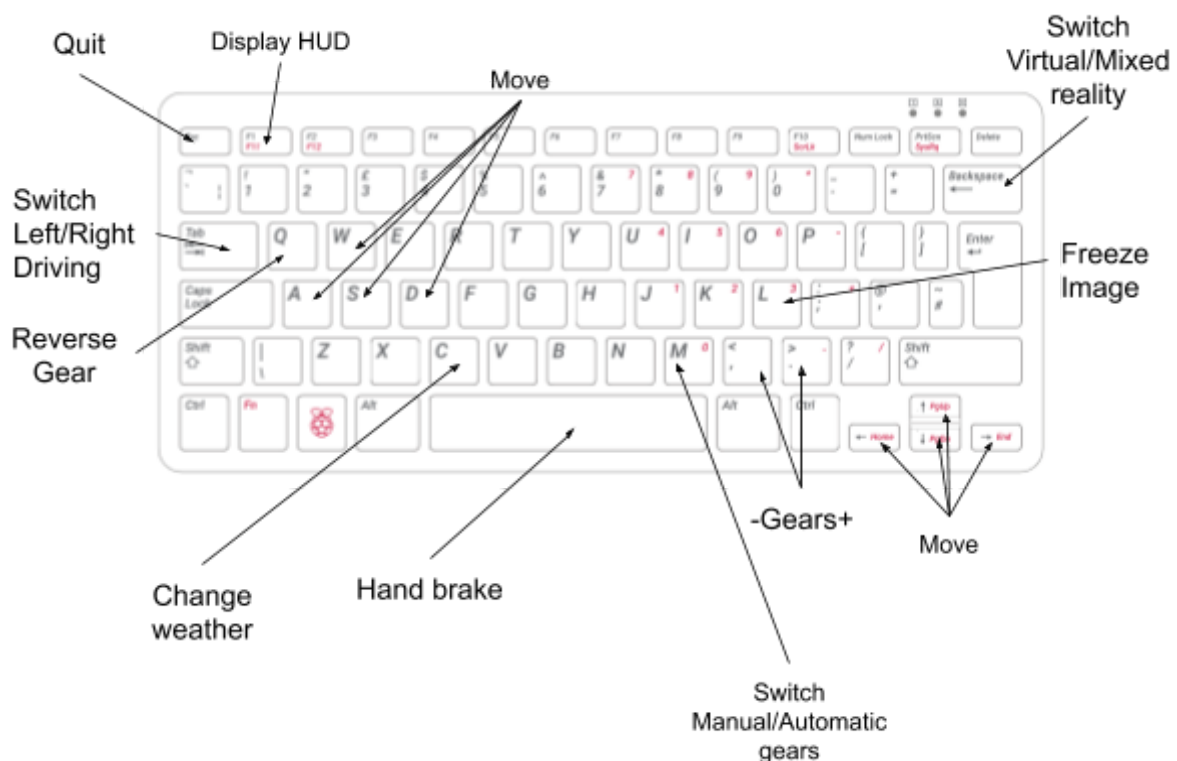


When launching the simulator python client you have an argument “--wheel” at the end of the command line (in Run/3-SimulatorPython.bat). This argument if omitted enables the keyboard controls, and with it the wheel controls. It actually switch between the **KeyboardControl** and the **DualControl** class for the input scheme (see in *carla/PythonAPI/examples/manual_control.py*).

Here are the controls for using the simulator :

KeyboardControl



DualControl

The keyboard layout is the same expect for the move keys which do nothing. Using this class you can use the wheel and pedals. The joystick (wheel+pedals) inputs can be set in the ***Carla/PythonAPI/examples/wheel_config.ini***. For a different joystick just add a case for your particular joystick.



- Gear (+/-) : Change the car gear.
 - Order : Reverse ; Neutral ; 1 ; 2 ; 3 ; 4 ; 5

Setting (+,-,Select) : Only enabled if HUD is on. These buttons are used to set the position, angle and fov of the side-view mirror sensors. You can modify one value at a time by either increasing(+) or decreasing(-) it.

- Values :
 - Left X position
 - Left Y position
 - Left Y angle
 - Left FOV
 - Right X position
 - Right Y position
 - Right Y angle
 - Right FOV

- Autopilot : Toggle the autopilot mode. The AI will take some time to find its way to a path and might drive into a wall, the best place to enable the autopilot is at a crossroad.
- Weather : shuffle through the different weathers.
- HUD : Toggle the HUD. The HUD isn't displayed on the main screen but on the python client (alt+Tab)
- Reverse : Switch the gear from *any* to Reverse or from Reverse to 1
- Mixed/Virtual: Switch between mixed reality mode and virtual reality
- Throttle : Gas pedal, acceleration
- Brake : Stop pedal