HUMULO
VR TRAINING

SETUP GUIDE

Forklift Wheel & Pedals

Build the seat, mount the wheel and pedals, and connect them to your Humulo headset.







Wireless
receiver plugs into the headset

Up to 10 hrs
of driving per charge

3 hrs
for a full charge

BEFORE YOU START, YOU'LL NEED

Your Humulo headset · A USB port or charger for the wheel · The tools in the seat box

Humulo Virtual Reality Inc. · (443) 295-3706 · humulo.com

BEFORE YOU BEGIN

What's in the kit

The wheel and pedals come in one box. If you ordered the seat, it ships flat in a second box with its own booklet (VEVOR steering wheel stand, Model 6017).



Steering wheel

HORI Wireless Racing Wheel Apex, with its mounting screw, clamp and USB charging cable.



Pedals

Brake and accelerator on one base, with a cable that plugs into the wheel.



Receiver + USB-C adapter

The receiver links to its own wheel. The adapter plugs it into the headset.

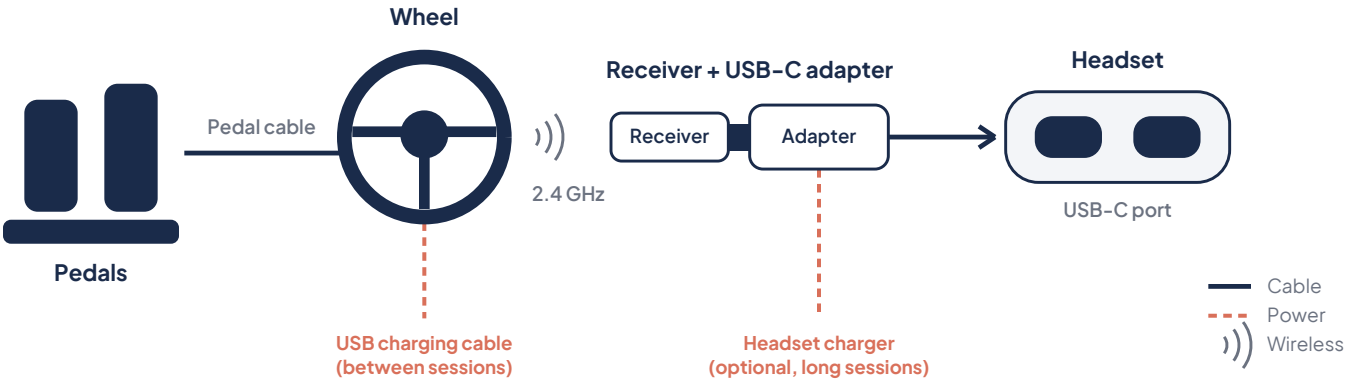


Seat and stand (option)

Frame, racing seat, wheel plate, pedal panel, bolts and tools.

Keep each wheel with its own receiver. A receiver only works with the wheel it shipped with.

How it all connects



PART 1 · IF YOU ORDERED THE SEAT

Build the seat and stand

Follow the 19 steps in the VEVOR booklet that comes in the seat box. Here's what each group of steps builds and what to watch for. Using the wheel on a table instead? Skip to page 4.

Steps 1–4 The base

Bolt the support rods and leveling feet to the two side panels, add the crossbars, then the main bracket and the front post. The end of the main bracket with the nut faces forward and up.

Steps 5–10 The seat

Bolt the seat to the base, add the left and right recliner brackets, hang the backrest, and fit the side covers.

Steps 11–14 The rest of the frame

Finish the front of the frame as the booklet shows.

Steps 15–16 Wheel column and plate

Slide the upper post into the column, lock it with two star knobs, and bolt on the wheel plate. The plate's angle is adjustable.

Steps 17–19 Shifter mount and pillow

The shifter mount is optional; forklift training doesn't use a shifter. Add the lumbar pillow.



The seat and stand box

Good to know

- Hardware bags are labeled with letters that match the booklet's parts list. The box includes hex keys and a 10–13 mm open-end spanner.
- Snug the bolts as you go, then fully tighten everything once the frame sits square on the floor.
- **Save the spare M6 bolts (A, M6×16) and M6 nuts (F).** You'll use two of each to bolt down the pedals in Part 2.
- Turn the leveling feet until the seat doesn't rock.

Safety: use the stand on a flat, level floor, and don't stand or climb on it. See the booklet's warnings.

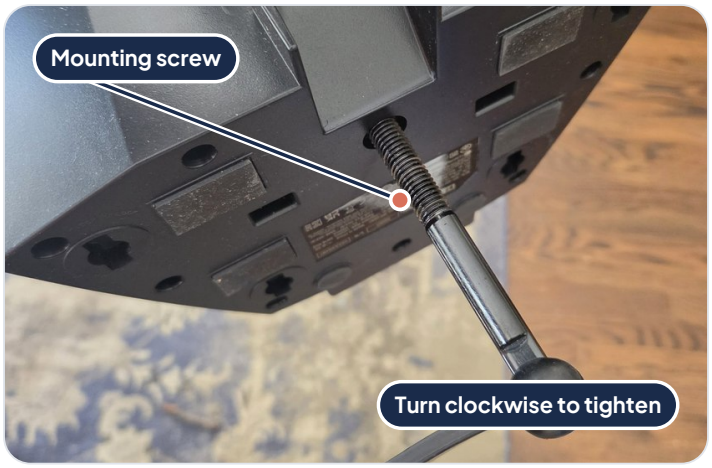
PART 2 · STEPS 1–3

Mount the wheel and pedals

1 Mount the wheel

Set the wheel on the stand's wheel plate and line up the threaded hole under the wheel with the plate's center hole (we pre-drill it). Push the mounting screw up through the plate into the wheel and turn the lever clockwise until the wheel can't shift.

No stand? Clamp the wheel to the front edge of a sturdy, flat table 0.6–4.5 cm (¼–1¾ in) thick with the included clamp.



2 Bolt down the pedals

Set the pedals on the pedal panel and line up the two holes drilled in the pedal base with slots in the panel. Push a spare M6 bolt down through each hole and thread an M6 nut on underneath. Tighten with the hex key while you hold the nut with the 10 mm end of the spanner.

No stand? Set the pedals on the floor where the driver can press them all the way down.



3 Connect the pedal cable

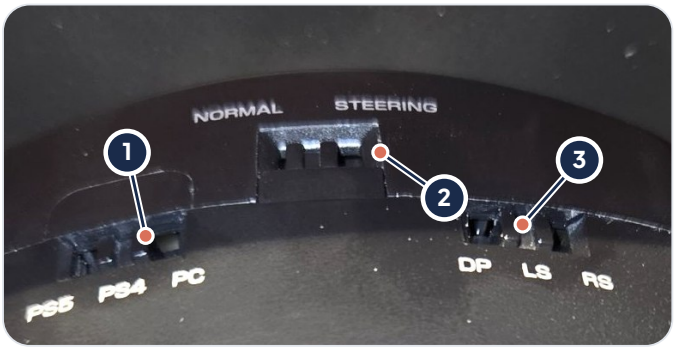
Run the pedal cable through one of the three grooves under the pedal base, then plug it into the pedal port on the back of the wheel. Strap the cable to the frame with the tie-down straps from the seat box so feet can't catch it.

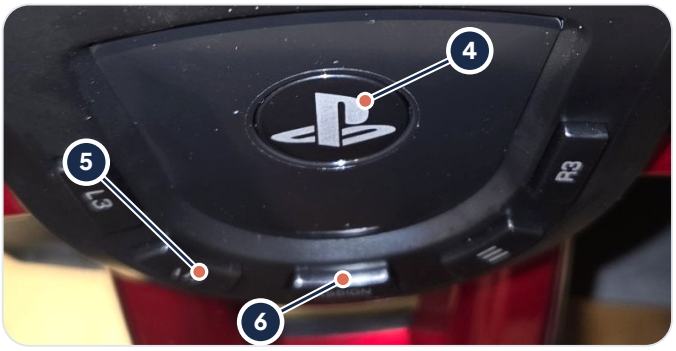
PART 3 · STEPS 4–7

Set up the wheel

4 Set the switches on top of the wheel

Slide the left switch to **PC**. That's the mode the Humulo headset reads. In PC mode the other two switches don't change anything, so they can stay where they are.





1. **PS5 · PS4 · PC:** set to **PC**
2. **NORMAL · STEERING:** either (not used in PC)
3. **DP · LS · RS:** either (not used in PC)
4. **PS button:** power on and connect
5. **Create:** re-link (with PS), reset settings
6. **ASSIGN:** settings button

5 Charge the wheel

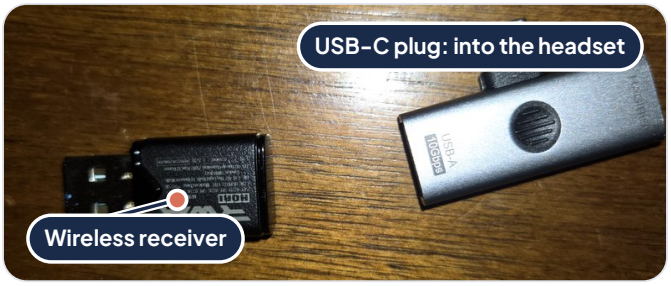
Plug the included USB cable into the USB-C port on the back of the wheel and into a computer's USB port or a USB wall charger. A full charge takes about 3 hours and lasts up to 10 hours.

LEFT LIGHT

Blinks orange slowly	Charging
Turns off	Fully charged
Blinks orange	Battery low: charge it

6 Connect it to the headset

Plug the receiver into the USB-C adapter, then the adapter into the headset's USB-C port. For long sessions, plug the headset charger into the adapter's power port.



STEP 7 AND HELP

Turn it on and drive

7 Turn on, calibrate, and start a lesson

Press the **PS button**; the left light turns white when the wheel connects. Keep your hands and feet off the wheel and pedals while it connects. Then turn the wheel all the way right, all the way left, and press each pedal all the way down once. Do this every time you turn the wheel on or reconnect it.

Put on the headset, open the Humulo app, and start a sit-down forklift lesson. Steer with the wheel and drive with the pedals; the forks and mast work with hand tracking, so set the headset controllers aside.

Fit the seat to the driver (seat option)

Loosen a star knob, move the part, then tighten the knob again before driving.

- **Wheel height:** the two star knobs on the wheel column.
- **Wheel tilt:** the bolts that hold the wheel plate (booklet step 16).
- **Pedal reach:** the star knobs where the main frame slides in and out, so the driver can press each pedal all the way down.

If something isn't working

Nothing happens in the headset	Check that the receiver is in the USB-C adapter and the adapter is all the way into the headset. Press the PS button and wait for the left light to turn white. Make sure the left switch on top is on PC.
The left light blinks orange	The battery is low. Charge the wheel with its USB cable (about 3 hours to full).
Steering or pedals feel off	Turn the wheel all the way right and left and press each pedal all the way down once. Still off? Unplug the adapter, plug it back in, and repeat.
The wheel won't connect	Hold the PS button and the Create button together until the left light turns white. Check that the receiver is the one that shipped with this wheel.
The wheel acts up or won't charge	Press the reset button on the back of the wheel with a straightened paper clip, then connect again.
Someone changed the wheel's settings	Hold ASSIGN for 3 seconds, then press Create: sensitivity, dead zone and quick handling go back to default. To undo button remapping, hold ASSIGN for 3 seconds, then press the PS button.

Need a hand? We'll walk you through it.
help@humulo.com · (443) 295-3706

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