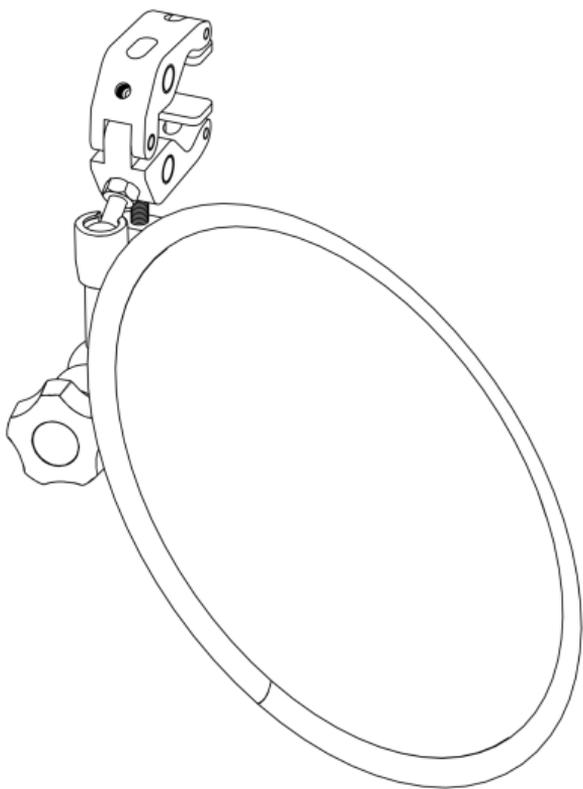


# ORBCONTROL

Magnetic Adjustable Angle Mousepad

AMP1



User Manual

## Design Story

Long hours at the computer working on projects had me using my mouse in different positions and angles to manage my repetitive strain. After using my mouse on both the side and back of my thigh, necessity inspired innovation, and I created this to help with my pain.

I enjoy using it for design work, and I've heard how it's helped others too.

You're invited to let us know how you're doing anytime at [Support@OrbControl.com](mailto:Support@OrbControl.com)

Sincerely,

K.C.

Designer

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# Introduction

For **proper care**, please note:

*Supports:* Mouse weight and tracking movements.

*Does NOT support:* Arm weight or impact from chairs or other objects.

Remove the device when not in use.

## How does this compare to a vertical mouse?

**Precise Clicks:** Unlike vertical mice that can have unstable "click drift," our pad ensures stable, familiar clicking.

### **Unmatched Versatility:**

*Mouse On the Pad:* For adjustable wrist positioning.

*Mouse Off the Pad:* Backwards compatible as a regular mouse.

### **Space Usage: 2D to 3D**

A regular mouse uses your desk's surface area (2D).

Our system uses the air space where you clamp it (3D).

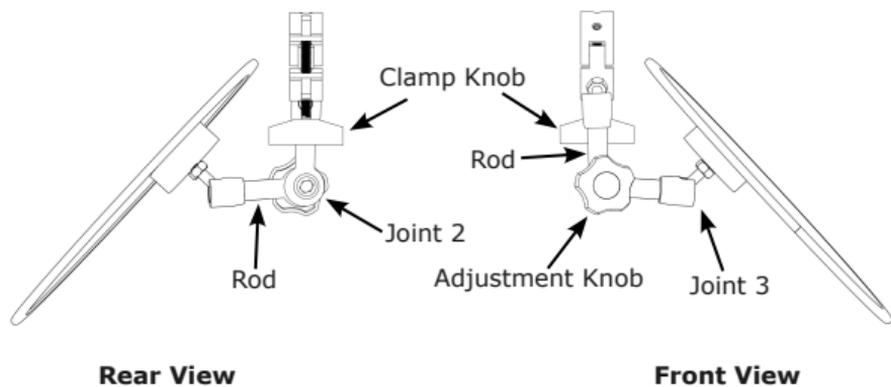
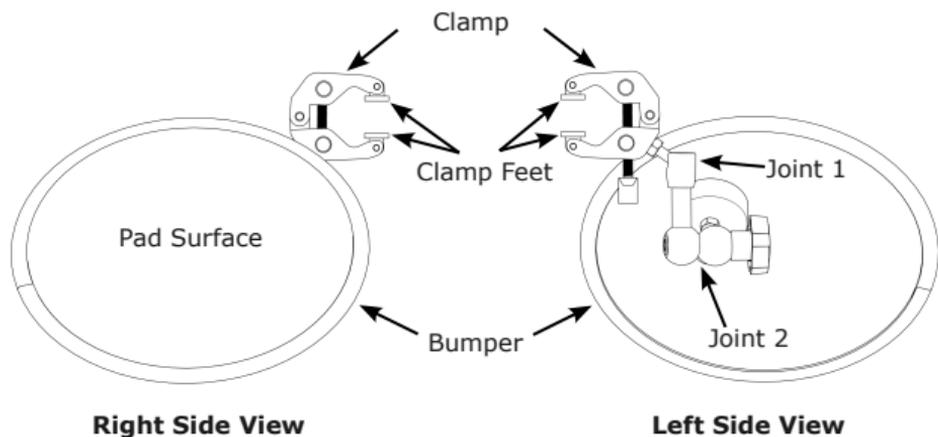
**Suggested Reading:** *The Posture Manual* by Olivier Girard. Have you ever been told to sit up straight and throw your shoulders back? This book clarifies common misunderstandings about what good posture is, and more. We highly recommend it to those who are trying to improve their posture and ergonomic setups. Here is the direct link:

<https://oliviergirard.ch/en/boutique/the-posture-manual/>

*For convenience scan the QR code with  
your phone camera then tap the link*

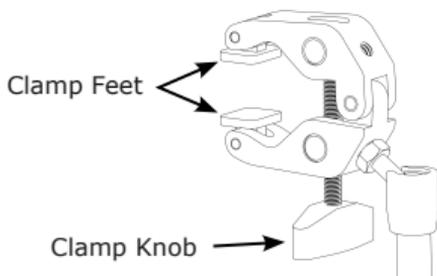


## Labeled Diagram

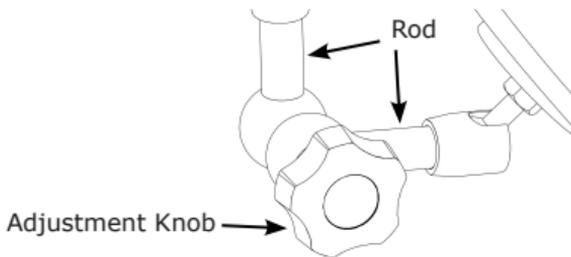


## Quick Setup Guide

- 1 Loosen the Adjustment Knob to release all three joints. Attach the Clamp to your desk or chair using the Clamp Feet for flat surfaces. Tighten the Clamp Knob to secure the clamp.



- 2 The cover page and Labeled Diagram illustration on Page 3 shows a ~40 degree angle setup. Please consult an ergonomic specialist to find an angle and setup that works for you. After choosing an angle and position, tighten the Adjustment Knob to secure it.



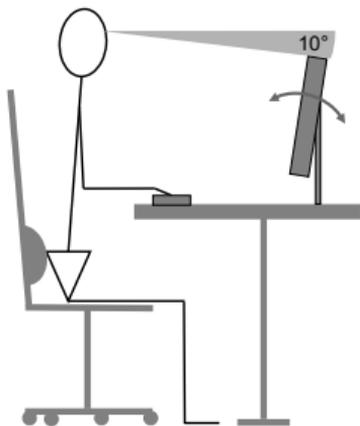
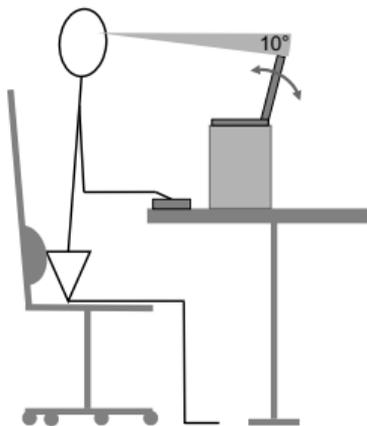
- 3 Place the mouse on the pad. Use the silicone cable tie to secure excess mouse cable to a rod. Adjust the slack so the mouse moves freely across the pad without cable tension. This helps prevent slack cable weight from dragging the mouse down.

# Setup Recommendations by Olivier Girard (MSc, MBA), Ergonomist - Posture Therapist

## Step 1: Laying the Postural Foundations

Adjust your chair in such a way that

- your heels are firmly on the floor
- your pelvis is well supported



## Step 2: Adjusting Your Desk

Move toward your desk and adjust it (for now) at elbow height.

Make sure that the top of your screen is slightly lower than your eyes and the screen is tilted in such a way that it faces you.

*See a video on how to do this:*

### **Set Up Your Desk Like a Pro (Step-by-Step Ergonomics Guide)**

<https://www.youtube.com/watch?v=o3Qi3CIhxM0>

*For convenience scan the QR code with  
your phone camera then tap the link*



## Setup Recommendations by Olivier Girard (MSc, MBA), Ergonomist - Posture Therapist

### **Step 3: Adapting the Device to Your Relaxed State**

***This is crucial: The device should be molded to your body, not conversely.***

Move away from your desk, shake your shoulders and arms to relax them, and place your hands where you would feel comfortable working.

You will observe that your wrists are naturally in a non-bent position.

Take your mouse in your relaxed hand, and move this mousepad to the mouse, then clamp it to the nearest available surface (desk or armrest).

The desk height may need to be readjusted.

\*For precision tasks, you may also consider adjusting your armrests so that your elbows are supported without raising your shoulders or limiting forearm mobility.

### **Step 4: Adjust Your Setup Based on Task**

***For Mouse-Dominant Tasks (e.g., designing, editing):***

Prioritize the ergonomic height, angle, and position of your mouse.

***For Keyboard-Dominant Tasks (e.g., writing, coding):***

Prioritize the ergonomic position of your keyboard.

***The Principle:*** The goal is to keep your wrists in a neutral, straight position to avoid strain. This means your hand should be roughly in line with your forearm, with no awkward bending up, down, or to the side.

### **Step 5: Adjust the Mouse Speed**

***Mouse DPI toggle button:***

Your mouse offers 6 color coded DPI rates allowing you to fine-tune cursor speed and precision: 400 / 800 / 1600 / 3200 / 6400 / 12800

For optimal comfort and precision, start by setting your mouse DPI according to your task.

***Computer system DPI enhancement:***

Always adjust DPI on the mouse first. You may turn on DPI enhancements in your computer system settings for fine-tuning only if you require it.

***Rule of thumb for DPI enhancements:***

Keep it OFF for precision and consistency. Turn it ON if you need quick pointer movement in a restricted physical space.

# Setup Recommendations by Olivier Girard

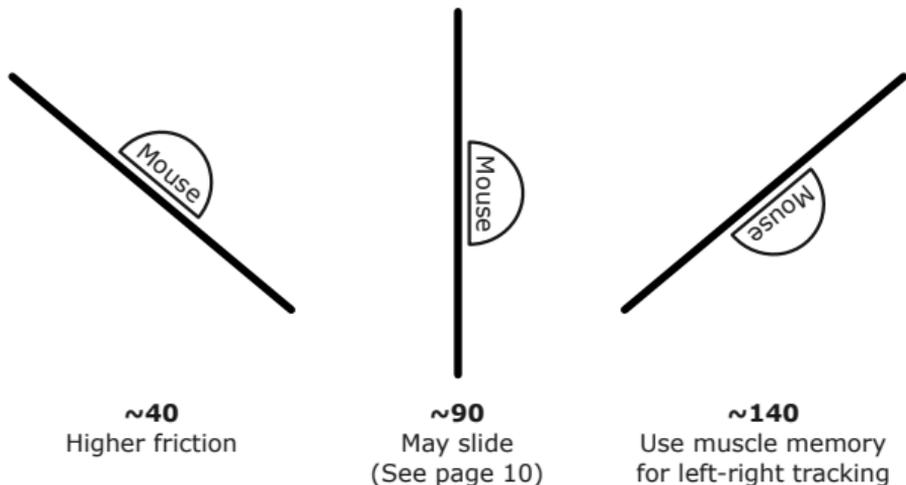
(MSc, MBA), Ergonomist - Posture Therapist

## Example Setups

Although it may be adjusted to angles  $\sim 0$  through  $\sim 180$  degrees, most users find  $\sim 40$  through  $\sim 140$  more comfortable.

### Right Hand Setup

(Left Hand Setup is a mirror image)



*See a video on how to do this:*

**Magnetic Adjustable Mousepad Review – Ergonomics & Real-World Use | Orbcontrol AMP1**

<https://youtu.be/VLWbq4vHgks>

*For convenience scan the QR code with your phone camera then tap the link*



# Setup Recommendations by Olivier Girard

(MSc, MBA), Ergonomist - Posture Therapist

## Tips:

1. Use this device in combination with an electric height adjustable desk for an optimized experience.
2. This device should not force you into a static posture: Use it dynamically.
3. Getting used to a new device takes time: Use it for some short tasks only at the beginning, and then progressively more as you get more comfortable with it.
4. A better sitting posture and more breaks to stand up will often be more effective than restless micro-adjustments to make you feel better.

*For more detailed ergonomic and posture education visit*  
**Olivier Girard's YouTube Channel**  
<https://www.youtube.com/@OlivierGirard>

*For convenience scan the QR code with  
your phone camera then tap the link*



## Frequently Asked Questions

**Q: Can I use this with a regular mouse?**

→ A: Yes. A regular mouse may be used. However, the system is optimized for our magnetized mouse.

**Q: Is the pad suitable for high-DPI gaming?**

→ A: It's possible, but this setup is optimized for office productivity. While the pad surface will track high-DPI, the surface area of the pad is optimized for office/productivity use, not gaming. Gaming mouse pads tend to have larger surface areas for larger movements.

**Q: How do I clean the mousepad?**

→ A: Wipe with a damp cloth; avoid harsh cleaners.

## Troubleshooting

**"I'm afraid the clamp could damage the mounting surface."**

Softer materials like certain kinds of soft wood could leave a mark if you clamp it really tightly. So, if you're concerned about this, we suggest putting something between the clamp and the surface to cushion the grip of the clamp.

**"I broke my pad. It got hit pretty hard by accident and the circular panel separated from the arm."**

What might work is a strong double sided tape cut into the circular shape of the surfaces it detached from. Just in case this happened to you, we've included one piece of this special tape in the box.

Accidents happen, and maybe you can stick it back on.

## Troubleshooting

**"My mouse won't stay where I left it on the pad. It begins to slide downwards when I let it go."**

Out of the box, the mouse feet are extra slick. We designed it this way because stronger magnets make the mouse feel too sticky at other angles. Eventually, after a break-in period the included mouse feet friction will increase with time, but if you rather not wait, for a locked still cursor at vertical (90°) see the mouse feet removal tip in the tunable foot system below.

*If a still cursor at 90° is required for your tasks immediately, remove at least the rear feet.*

**Your mouse feet = your preference**

### Tunable Foot System

The mouse ships with feet optimized for glide. Keep them stock or customize the resistance to suit your task and angle of preference:

**Remove rear feet** → Usually enough for a still cursor at vertical (90°); no break-in period.

**Remove all feet** → Maximum grip and resistance at 90°.

**Remove front feet** → Middle-ground: more hold than stock, alternative to rear feet removal.

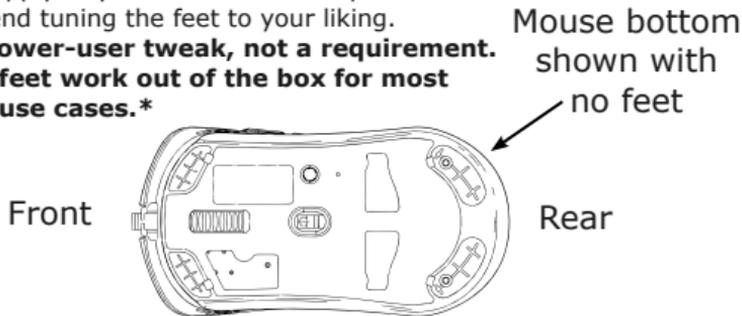
**Install thicker 3rd-party feet** → Ultra-smooth glide, less resistance.  
*No permanent changes. Experiment. Find your sweet spot.*

If you are comfortably working at 45-75° or 105° or more, this will not apply to you. It's a matter of preference.

We recommend tuning the feet to your liking.

**\*This is a power-user tweak, not a requirement.**

**The mouse feet work out of the box for most angles and use cases.\***





**FCC SDoC** (Supplier's Declaration of Conformity) for the wired mouse (VIA1)  
FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Please see the following website for more details

[www.orbcontrol.com](http://www.orbcontrol.com)

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Patents Pending in the U.S. and Other Countries

