

# Gravity Challenger™

## Magnetic Levitation that defies Gravity



### Introduction

Congratulations for purchasing the Gravity Challenger™, the most advanced magnetic levitation device in the market.

Gravity Challenger™ incorporates most sophisticated magnetic levitation technology which automatically balances universe's two main strong forces - the Gravity (which pulls down the magnet) and Magnetism (which pushes up the magnet).

Gravity Challenger™ includes the Base and the Floating Magnet. You may put on top of the magnet any accessory you wish to float (subject to some limitations, such as weight, center of gravity, material, etc.). Some accessories may already be included, or can be purchased separately.

### How to Levitate

Balance is achieved when the magnet is placed at the right point in mid-air. The challenge is to find that specific balancing levitation point... note that it will require some practice! If it is your first time - expect that it will take you quite a while. But once you gained some experience - you will be able to balance the magnet, every time, in just about 5secs!

So, please be patient and follow the detailed guideline provided below:

- 1) Sit comfortably, place the base on the table in front of you and connect it to the mains (use the AC-Adapter provided). You see 8<sup>1</sup> bright LEDs light on.
- 2) Put the protection polyfoam sheet (included) on the base and align it in such way that all LEDs are visible. This sheet protects the base from scratches should the magnet fall down at the setup process.
- 3) Hold the magnet gently in both hands with thumbs and index fingers (see photo) at a height of about 1ft (30cm) above the center of the base.
- 4) Lower the magnet slowly until you feel the magnetic forces from the base are stronger than the weight of the magnet and the magnet is being pushed up. Hold on the magnet to the center (against the side forces).
- 5) Check the LEDs and notice that 1 or 2 LEDs have gone OFF. This indicates that the magnet is not centered. Move the magnet horizontally towards the dark LEDs until they light on. If you move too much - the opposite side LEDs will go off, and in such case you have to move the magnet backwards.
- 6) While all LEDs stay ON - slowly and very carefully release the magnet. If it floats - Congratulations! If it fell aside - simply try again.



**IMPORTANT NOTICE** - the electronics inside the base may heat up. This may cause that some or all LEDs will turn off, or just make the balancing more difficult. So, if you were unable to balance the magnet after 30 seconds - take a rest for at least 30 seconds to let the electronics cool down. If all LEDs turn off - just unplug the AC adapter, wait for 1-2 minutes, and then plug it back to the mains.

Be patient and note that this unit was carefully tested in the factory before shipment. It is just a matter of practice until you manage to float it.

Good Luck!!!

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<sup>1</sup> 8 LEDs – for model 9600. 4 LEDs – for model 9500