



## Instructions For Use Personal Model



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# Introduction

Power Plate can be used by almost everyone. Power Plate allows you to adjust training to your own level and reduce any burden on your joints, tendons and ligaments. As with every form of training, the correct use of exercises, adjusted to your personal abilities, will determine the benefits and effects of completing a training session on Power Plate, while at the same time reducing the risk of injury to the body. We recommend consulting your physician before beginning any new exercise program. For your safety, please review the product instructions before operating this, or any, functional tool. If at any time you feel faint, dizzy, nauseous, short of breath or in pain, stop exercising immediately and consult with your physician.

Body posture, muscle stiffness and muscle tension (i.e. how contracted your muscle is) are important contributing factors in your training session. If muscles are tensed, or contracted, they will absorb vibrations to help strengthen and tone those muscles. Passive or active exercises, such as stretch and massage, can be performed on a more frequent basis.

Reflexive Stabilization exercise should be used on a regular basis, starting with low intensity, which means low frequency and amplitude settings for short sessions. The body should be gently stimulated in a way that will allow you to adjust to vibration training, but will not overload your body. Over time, the intensity and duration can be increased in the same manner as other progressive training programs. Once the body has adapted to vibration, the training can be changed or intensified to keep improving performance.

# Medical Indications

Claimed medical indications include use in relation to the prevention, treatment and/or alleviation of disease.

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## Fall Prevention

- Claim: Power Plate® training can be a beneficial tool/intervention for the elderly population to prevent falls.
- Definition: Fall prevention is defined as a variety of actions to help reduce the number of accidental falls suffered by older people.

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## Muscular Strength and Power

- Claim: Power Plate training can be a beneficial tool/intervention to help increase strength and power to improve daily life performance, both acute and structural.
- Definition: Physical strength is the ability of a person or animal to exert force on physical objects using muscles. Increasing physical strength is the goal of strength training. Power is the amount of work done or energy transferred per unit of time.

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## Pain

- Claim: Power Plate training can be a beneficial tool/intervention to reduce and/or alleviate (chronic) pain.
- Definition: Pain is an unpleasant sensory and emotional experience associated with actual or potential tissue damage, or described in terms of such damage.

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## Cellulite

- Claim: Power Plate training can be a beneficial tool/intervention to diminish the appearance of cellulite.
- Definition: Cellulite describes a condition that occurs in men and women (although much more common in women) where the skin of the lower limbs, abdomen and pelvic region becomes dimpled after puberty.

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## Weight Loss and Visceral Fat Reduction

- Claim: Power Plate training can be a beneficial tool/intervention to lose weight and specifically lose body fat.
- Definition: Weight loss, in the context of medicine, health or physical fitness, is a reduction of the total body weight, due to a mean loss of fluid, body fat or adipose tissue and/or lean mass.

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## Bone Density/Bone Mineral Density

- Claim: Power Plate training can be a beneficial tool/intervention to increase bone density and prevent bone mineral density loss related to aging.
- Definition: Bone density (or bone mineral density) is a medical term referring to the amount of matter per cubic centimeter of bones.

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## Circulation and Cardiovascular

- Claim: Power Plate training can be a beneficial tool/intervention to improve and increase circulation and improve the function of the cardiovascular system.
- Definition: The circulatory system is an organ system that moves nutrients, gases and wastes to and from cells, helps fight diseases and helps stabilize body temperature and pH to maintain homeostasis. Two types of fluids move through the circulatory system: blood and lymph. The blood, heart and blood vessels form the cardiovascular system. The lymph, lymph nodes and lymph vessels form the lymphatic system. The cardiovascular system and the lymphatic system collectively make up the circulatory system. Pulmonary circulation is the portion of the cardiovascular system which transports oxygen-depleted blood away from the heart, to the lungs, and returns oxygenated blood back to the heart.

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#### Flexibility/Range of Motion

- Claim: Power Plate® training can be a beneficial tool/intervention to improve flexibility and range of motion.
- Definition: Flexibility is the absolute range of movement in a joint or series of joints and muscles that is attainable in a momentary effort involving a partner or a piece of equipment. The flexibility of a joint depends on many factors, particularly the length and looseness of the muscles and ligaments due to normal human variation, and the shape of the bones and cartilage that make up the joint.

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#### Pathology Studies

- Claim: Power Plate training can be a beneficial tool/intervention to improve general well being, fitness and daily life functioning in patient populations. Power Plate might have a positive impact on general fitness, muscle strength, daily life performance and well being but does not have a direct impact on the state of the disease or injury. It will improve patient's life quality.
- Definition: No definition possible for this very diverse group. Examples of patients: Multiple Sclerosis, Parkinson's Disease, Fibromyalgia, Cerebral Palsy, Spinal Cord Injury, Diabetes, Cardiac Rehabilitation.

# Important Safety Instructions

Before using Power Plate it is essential that you read the entire user manual, including all warnings and safety instructions. You should also convey all such warnings and instructions to any other person who uses Power Plate. Retain this user manual for future reference.

## Health warnings

Warning: before beginning any exercise program, you should consult a physician for a physical examination and clearance to engage in the program, or personal injury could result.

If you have any known medical condition, or any physical limitation on your ability to exercise, Power Plate strongly recommends that you seek the advice of a physician before using Power Plate in order to avoid possible personal injury.

If, while using Power Plate, you experience any dizziness, faintness, shortness of breath, or pain, you must stop using the machine immediately and consult a physician. Failure to do so could result in personal injury.

Power Plate is a medical device and is designed for therapeutic purposes within specific indications only and as part of an exercise program.

The remainder of this "Important Safety Instructions" section includes directions for the proper set-up and use of Power Plate. Please follow all directions, instructions, and warnings carefully in order to ensure your personal safety, and that of those around you, when using the Power Plate.

## Set-up and handling

Danger: to reduce the risk of electrical shock, always unplug Power Plate before cleaning or servicing it.

Warning: to reduce the risk of electrical shock, fire, burns, or other injury, always plug Power Plate into a properly-grounded electrical outlet.

Warning: to ensure safe use of Power Plate, it must be regularly examined for damage and wear. The machine, however, contains no user-serviceable parts. Thus, with the exception of the maintenance tasks described later in this manual, the owner/user should always retain an authorised Power Plate service professional to perform maintenance and/or service on the machine.

The machine should be set-up on a hard, level surface in an area free of obstructions within at least three feet of the vibration platform.

The machine should not be used outdoors, near a pool, or near any source of water or extreme humidity. Contact with water could cause a short-circuit, which could cause personal injury or damage the machine. Unplug the machine when not in use.

Never attempt to lift or move the machine without assistance.

Never operate the machine if it has been dropped, tipped over, damaged, or even partially immersed in water, unless an authorised Power Plate service professional has examined the machine and cleared it for use.

Never insert objects into any opening on the machine. If an object falls into the machine, shut the machine off and

A



remove the power plug before attempting to retrieve the object. If the object cannot be reached, contact an authorised Power Plate® service professional.

#### Use Of Power Plate

##### 1.0 General health warnings for use

- Always follow the directions on the machine's console for proper operation.
- Close supervision is required when the machine is used by, or near, children or disabled persons.
- Always use care when getting on and off the machine.

- Proper position and balance are especially important if the user employs weights during any exercise on the machine. Power Plate strongly recommends that users not employ weights while using the machine, unless they are being coached by an exercise professional or unless the user has extensive experience with weight training or with Power Plate.
- The three pictures on the left demonstrate proper and improper ways to stand on the machine.

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- Never reach into or under the machine, or tip the machine on its side, while it is in operation.
- Use the machine only for the purposes described in this user manual and only with attachments or accessories that come with the machine or which Power Plate has specifically approved for use with the machine, or personal injury could result.

A You always need to be balanced when standing on Power Plate. Do not "lock" any joints, such as your knees and elbows, but keep them slightly bent.

B Don't lean your weight to the edge of the platform too much. This may cause Power Plate to become unstable.

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##### 2. Specific health warnings for use

##### 2.1 Proper clothing and padding

- During exercises in which the user stands on the vibration platform, the user should wear rubber-soled shoes or, if the user chooses to exercise in socks or bare feet, the user should use one of the three contoured mats that are provided with the machine.
- During exercises in which any part of the user's body is in contact with the vibration platform, Power Plate recommends the use of at least one contoured mat.

##### 2.2 Proper position and balance

- In order to avoid possible injury from the machine's vibrations, Power Plate recommends that the user not lean back on his/her heels or "lock" his/her joints or straighten his/her legs when standing upright on the machine.
- It is important at all times to maintain balance while on the machine. The user, should (unless the directions for a particular exercise state otherwise) keep his/her knees directly above the toes.

##### 2.3 Proper hydration

- Power Plate recommends that the user stay well-hydrated by drinking at least 300 ml (16 ounces) of water before, during, and after each exercise session.

##### 2.4 Proper limitations on exercise

! Warning: it is imperative that the user pay careful attention to his/her body's reaction to exercise on the machine and that the user not over-exert himself/herself or work to exhaustion, or personal injury could result.

If, at any time, the user experiences

- dizziness, faintness, shortness of breath, or any pain, the user should immediately stop exercising and consult a physician before continuing with an exercise program, or personal injury could result.

##### Electromagnetic Compatibility (EMC)

##### ! Precautions

- The Personal model is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

The Personal model must emit

- electromagnetic energy in order to perform its intended function. Nearby electronic equipment may be affected by this emission. Similarly the Personal model may itself be affected by electromagnetic emissions from other equipment in the vicinity.

The Personal model is intended for use

- in the electromagnetic environment specified below. The customer or user of the Personal model should assure that it is used in such an environment:

- Floors should be wood, concrete or ceramic tile. If the floor is covered with synthetic material, the relative humidity in the room should be at least 30%.
- Mains power quality should be that of a typical domestic, or commercial environment as appropriate.
- The Personal model should not be used during power mains interruptions.
- Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial environment.

The Personal model is intended for use

- in an electronic environment in which radiated radio-frequency (RF) disturbances are controlled.

The customer or user of the Personal

- model can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Personal model as recommended below, according to the maximum output power of the communications equipment: The adequate separation distance to provide base immunity to RF disturbances is 1.0 metres.

Retain this user manual for your future reference.



## Environmental Requirements

### OPERATING CONDITIONS

Temperature: 10°C to 40°C

Humidity: 10% to 95% RH

Pressure altitude: Normal atmospheric conditions/ 860-1060hPa

### STORAGE AND SHIPPING CONDITIONS

Temperature: 10°C to 50°C

Humidity: 10% to 95% RH

Pressure altitude: Normal atmospheric conditions/ 860-1060hPa

## WARNING

The device is not suitable for use in the presence of flammable anesthetic mixtures with air or with oxygen or nitrous oxide.

The device requires no calibration.

The device is not repairable and contains no user serviceable parts.

The user must check that the equipment functions safely and see that it is in proper working condition before being used.

Permissible environmental conditions of use including conditions for transport and storage

The manufacturer does not require such preventive inspections by other persons.

The plug is used to disconnect from the main supply. Do not position the machine so that it is difficult to disconnect the main plug.

Warning: To avoid the risk of electric shock, this equipment must only be connected to a supply main with protective earth grounding.

## Users

The machine is intended for use by a diverse patient population including:

- Adult men and woman who are medically cleared and able to undertake physical exercises such as weight bearing and ground reaction force type exercise programs. In general this applies to healthy grownups (16+ years old).
- All others users should be cleared by their physician and only use the Power Plate under medical supervision.

## Facilities

The machine is intended to be used in the following environments:

- Domestic
- Fitness Centers
- Hotels, Spas, Resorts

# Operation



Personal Power Plate Display Console

## Operation

Once you become familiar with the basic operation of Power Plate, you can begin your training. Power Plate is very easy to operate, as you can tell from a brief review of the primary buttons on the faceplate.

Main Controls



Start/Stop

Repeat



Time (30/60 secs)



Low/High intensity



The Personal Power  
Plate vibration is set  
at 35 Hz

You should consult a physician before beginning any exercise program, including a program involving the use of. If you have any known medical condition, or any physical limitations on your ability to exercise, Power Plate strongly recommends that you seek the advice of a physician before using Power Plate. If, while using Power Plate, you feel dizzy, faint, short of breath, or any pain, stop using Power Plate immediately, and consult a physician.

## Varying the Intensity

The correct step-by-step build up of intensity is extremely important for your training to be carried out both efficiently and responsibly.

For the Power Plate Personal model, there are several variables that can be used to vary the intensity:

- Length of time for each exercise
- Rest time between exercises
- Number of exercises
- Amplitude (distance the plate moves vertically per vibration)
- Sessions per week (between 2 and 3 is optimal)
- Muscle tension (how tightly contracted the muscle is) by changing the angle of the joint or, for example, performing the exercise on one leg only.
- Complexity of movement or additional movement (i.e., active or dynamic movement versus only holding an exercise position).
- Additional weight or extra load, i.e., using a weight vest or dumbbells.

The exact way of using the variables is complex and depends on the individual and training goals of the person involved. Other factors that should be taken into account are injuries, limitations, specific demands and/or any other circumstances influencing the body (and mind).

In general the following progression steps can be taken:

Exercise time, number of exercises and rest time

These settings depend completely on your training goals. If you are new to Acceleration Training™ sessions, we recommend performing only a few exercises and resting for the same amount of time as is spent actively using the Power Plate® machine. After a while, more exercises can be added.

When trying to accomplish weight loss, cardiovascular or endurance improvements, rest time can be reduced, exercise time can be extended and the number of exercises can be increased to add to the total volume of training.

For recovery, flexibility and preparation, it

is better to perform specific exercises and keep the total volume low, with enough rest between exercises.

Example: If you are training for endurance or weight loss goals, you should progressively extend the duration of training to multiple sets of 60 seconds each and cut the rest period to 30 seconds or less between subsequent sets. If your goal is to achieve maximum strength or power, you should do multiple sets of short duration on high amplitude, and take long rest periods, from 1 to 4 minutes.

- Amplitude  
For each type of exercise, we recommend the following amplitude settings:
  - Stretch setting should be LOW
  - Strength setting should be LOW, progressing to HIGH
  - Massage setting can be HIGH
  - Relaxation setting should be LOW

When amplitude is increased from Low to High, frequency and volume of exercise should be (temporarily) decreased and the rest period increased proportionally.

- Mat  
The mat dampens the vibrations. Always use the mat when you have a body part in contact with the plate surface, or if you are exercising in socks or bare feet.

Sessions per week

In general, we recommend performing 2 to 3 sessions per week. Stretches, massages, relaxation and preparation programs can be performed more often.

Extra load

Extra load, i.e., adding weights, should only be used to increase intensity by well-trained people or users who are being coached by a professional.

Specialised programs and additional progression steps for individual users should be drawn up by educated and certified Power Plate® trainers.

Power Plate offers a variety of educational and training materials, including DVDs, online learning and in some countries, specialised academies. For more information please visit our website, [www.powerplate.com](http://www.powerplate.com).



## Personal Adaptation

Training on Power Plate is like any other type of training: start with light and short training sessions, and once accustomed to the vibrations, you can begin to gradually intensify your program. However, our most important advice is to always listen to what your own body is telling you.

Changing your exercises by using more movements of your body and that also correspond to your specific goals will help increase performance even more. You can think of increasing the angle of the joint (which increases the contraction of the muscle), or varying the exercises by performing them with a variety of still (static), active (dynamic) or jumping (plyometric) movements.

Another important aspect is ensuring that between training sessions, you rest long enough to fully recover. We normally recommend two days of rest after each training session. It is our experience that one day's rest after training with Power Plate equipment is often enough, but every body is different and you will have to find what works best for you. If you feel the schedules are too easy or too intense once you have become accustomed to this training method, you can adjust them to your comfort level.

# Technical Specifications

Color (standard)	Black
Maximum Load Weight	120 kilograms / 264 pounds
Operation	User-friendly display with Remote Control
Frequency	35 Hertz
Time Selections	30 or 60 seconds
Vibration Energy Output	Low or High
Dimensions W x D x H	70cm x 47.5cm x 17cm 27.5in x 18.7in x 6.7in
Packaging Dimensions W x DxH	82cm x 56cm x 27cm 32.3in x 22in x 10.6in
Weight	18.2 kilograms (40.4 pounds)
Power Supply	100–240 VAC, 50 / 60 Hertz, Universal Voltage
Nominal Power	20-55W
Certifications	CE, PSE, UL, CSA, FCC ID, IC ID, C-Tick, TELEC RF



## Maintenance

WARNING: THE MACHINE CONTAINS NO USER-SERVICEABLE PARTS. PLEASE CONTACT AN AUTHORISED POWER PLATE® SERVICE PROFESSIONAL FOR ANY MAINTENANCE OR TROUBLESHOOTING NOT OTHERWISE DESCRIBED BELOW, OR PERSONAL INJURY OR DAMAGE TO THE MACHINE COULD RESULT.

! CAUTION: Any changes, modifications, or unauthorised maintenance performed to or on the machine could void the product warranty.

- Always unplug the machine and let stand for at least one minute before performing any maintenance.
- Clean the machine only with a moist cloth. Do not use sharp objects, bristles, scrubs, or acid-based detergents, because this will damage the lacquer finish.
- Do not spray any cleaning solution directly onto the machine. Instead, moisten a cloth, then apply to the machine.
- On plastic components, use only polishes specifically designed for plastic.
- Use a soft brush, not a cloth, to clean the platform, including the contoured mat.
- Clean electrical components only with a dry cloth, in order to avoid the risk of shock or damage to the components.

## Troubleshooting

- Always unplug the machine and let stand for at least one minute before performing any troubleshooting.
- If the machine is not operational and the console display is not illuminated, check the power connections to the machine.
- If all power connections are proper, please check the circuit breaker or fuse for the electrical outlet that is supplying power to the machine in order to ensure that the outlet is receiving electrical power.
- If the console display is illuminated, but the platform will not vibrate, unplug the machine, wait at least one minute, then check the connection to the machine's motor, located under the base of the machine.
- If the machine makes a rattling noise, unplug the machine, wait at least one minute, then check to make sure that the feet are properly tightened.

! Danger: Power Plate strongly recommends that the user not try to resolve any electrical issues regarding the power source to the machine by oneself. Instead, Power Plate strongly recommends that the user contact a licensed, professional electrician to conduct any examination and make any necessary repairs. Otherwise, serious personal injury or property damage could result.

APPLIED PARTS: applied parts are not intended to deliver heat during normal use. The maximum temperature for applied part may be up to 43degrees Celsius / 109.4 degree Fahrenheit.

Applied Parts:

- Platform

Power On / Off:

- To Power On the Machine: Press the rocker switch located on lower back of the column to indicate "I" position.
- To Power Off the Machine: Press the rocker switch located on lower back of the column to indicate "O" position.

## Accessories

Personal Accessories

- Straps Set (2pcs)
- Exercise Mat
- Power Cord
- Step Deck (option)
- Foam Deck (option)
- Power shield (option)

# Contact and Support

If you have any questions, please visit our website,

**powerplate.com**

Select your country from the 'International Distributors' link for local contact details.

## Warranty / Product Registration

To register your Power Plate please visit us online at [powerplate.com](http://powerplate.com).

Copies of this manual and any other paperwork may be obtained by contacting Power Plate through the "Contact Us" page online or by writing to Power Plate:

### Performance Health Systems LLC

401 Huehl Road, Ste. 2A  
Northbrook, IL 60062, USA  
T | +1 949 863 1737  
F | +1 949 863 1216  
[info@powerplate.com](mailto:info@powerplate.com)  
877 87 PLATE

### Performance Health Systems UK Ltd.

The Perfume Factory, G-11  
140 Wales Farm Road  
London, W3 6UG  
+44 20 7317 5000  
[info@powerplate.co.uk](mailto:info@powerplate.co.uk)



**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

**FCC RF Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.