

POWER PLATE[®]

English

Instructions for Use pro5HP™ Model

Consumer & Commercial Fitness



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Introduction

Power Plate® pro5HP model is a consumer and commercial product that may be used by almost everyone for fitness and exercise purposes. Power Plate pro5HP allows you to adjust training to your own level and reduce the 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, reduce 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 Power Plate. 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 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 stretching and massage, can be performed on a more frequent basis.

Exercise should be performed 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, training can be changed or intensified to keep improving performance.

Important Safety Instructions

Before using the Power Plate® machine, 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 this Power Plate® machine. 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 the Power Plate® machine, in order to avoid possible personal injury.

If, while using the Power Plate® machine, 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.

The Power Plate pro5HP machine is a consumer and commercial device and is designed for fitness and exercise programs and supervision integrated into a closely monitored exercise program only and as part of an exercise program.

Always take care when getting on and off the machine. Use the handles on the machine as needed, to maintain stability when getting on and off the machine.

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.

Set-up and handling

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

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

Warning: to ensure safe use of the Power Plate® machine, 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 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 The Power Plate® Machine

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. Use the handles on the machine, as needed, to maintain stability when getting on and off the machine. 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.

Specific health warnings for use.

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.

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, however, should not "hang" on the

machine's handles in order to maintain balance but should (unless the directions for a particular exercise state otherwise) keep his/her knees directly above the toes.

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 the Power Plate® machine. The three illustrations on the left demonstrate improper ways to stand on the machine.

You always need to be balanced when standing on the Power Plate® machine. Never hang on to the handles, use them only to maintain balance.

Don't lean on your heels too much. Balance your weight predominantly on the front of your feet.

When training with the Power Plate® machine, do not "lock" any joints, such as your knees and elbows, but keep them slightly bent.

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.

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 pro5HP™ models are 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 pro5HP™ models must emit electromagnetic energy in order to perform their intended function. Nearby electronic equipment may be affected by this emission. Similarly the pro5HP™ models may themselves be affected by electromagnetic emissions from other equipment in the vicinity.

The pro5HP™ models are intended for use in the electromagnetic environment specified below. The customer or user of the pro5HP™ model should assure that they are 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, commercial or hospital environment as appropriate.
- The pro5HP™ 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 or hospital environment.

The pro5HP™ models are intended for use in an electronic environment in which radiated radio-frequency (RF) disturbances are controlled.

The customer or user of the pro5HP™ model can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters).

The adequate separation distance to provide base immunity to RF disturbances is 1.0m.

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 40°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.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Users

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

- Adult men and women 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 adults (16+ years old).
- All others users should be cleared by their physician and only use Power Plate under medical supervision.

Facilities

The device is intended to be used in all types of facilities including, but not limited to:

- Domestic
- Hotels, Spas, Resorts
- Health Clubs















Operation



Power Plate® pro5HP™ face plate

Operation

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

Row				
1st Main Controls	Start 	Repeat 	Stop 	
2nd Frequency 25–50Hz / 1Hz increments Time 30 secs – 9 mins	– (Decrease) 	+ (Increase) 		
3rd Hertz	30Hz 	35Hz 	40Hz 	50Hz 
4th Time	30 	45 	60 	
5th Intensity	High 	Low 		

You should consult a physician before beginning any exercise program, including a program involving the use of the Power Plate® machine. 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 the Power Plate® machine. If, while using the Power Plate® machine, you feel dizzy, faint, short of breath, or any pain, stop using the Power Plate® machine immediately, and consult a physician.

Symbol Descriptions

The following symbols may appear in this manual or on the machine. Some of the symbols represent standards and compliances associated with the machine and its use.



Caution: Consult accompanying documents

CE

CE Mark Standard Electrical

DATE

Date of manufacture.



Manufacturer



Type B applied part



DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.



C-TICK Certification from the Australian Communications Authority



GOST - Standard of Russia



Compliant with RoHS Directive 2002/95/EC



CQC Safety and EMC Product Certification Mark



Compliance with DENAN law Japan



Follow instructions for use

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® pro-series models, 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
- Frequency (amount of vibrations per second, measured in Hertz)
- 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.

For strength, power and speed, the intensity (i.e., Hertz settings) per exercise can be increased, but the total volume should be kept low.

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.

Frequency

For each type of exercise, we recommend the

- following frequency settings:
 - Stretch settings should stay between 30 Hertz
 - and 40 Hertz
 - Strength settings should not exceed 40 Hertz
 - Massage settings can be the maximum, up to 50 Hertz
 - Relaxation settings should not exceed 40 Hertz

When frequency is increased, the volume of the exercises should be decreased (duration, number of sets) and the rest period should be increased proportionally.

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. All of the above parameters can be varied with the extra load. When external load is added to your exercises on the Power Plate® machine, amplitude and volume of the exercises should be decreased and the rest period should be increased proportionally as though starting the entire exercise progression again.

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.

Personal Adaptation

Training on the Power Plate® machine 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

Power Plate®
pro5HP™
Model

Color	Graphite or Silverstone
Maximum Load Weight	227.2 kilograms (500 pounds)
Operation	User-friendly interactive display
Frequency	25 to 50 Hertz (1 Hertz increments)
Pre-set Frequencies	30, 35, 40 or 50 Hertz
Time Selections	30, 45 or 60 seconds / Up to 9 minutes
Vibration Energy Output	Low or High
Dimensions W x D x H	96 x 114 x 34 cm (38" x 45" x 13")
Surface Plate Dimensions W x D	96 x 114 cm (38" x 45")
Weight	180 kilograms (396 pounds)
Power Supply	100-240V, 50 / 60 Hertz, Universal Voltage
Nominal Power	160-265VA
Certifications	CE Standard Electrical, NRTL, C-NRTL, PSE, RoHS / WEEE compliant



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.

Hardware Parts:

- Platform/ Column
 - Handlebars
-

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 "0" position.
-

Accessories

pro5HP Accessories

- Straps Set (4pcs)
- Exercise Mat
- Carry Case
- Protection Cover
- Power Cord
- Poster
- Step Deck (option)
- Foam Deck (option)
- Power shield (option)

Contact and Support
If you have any questions,
please visit our website,
www.powerplate.com.
Select your country for
local contact details.

Warranty / Product Registration

To register your Power Plate® machine please visit us online at www.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:



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