

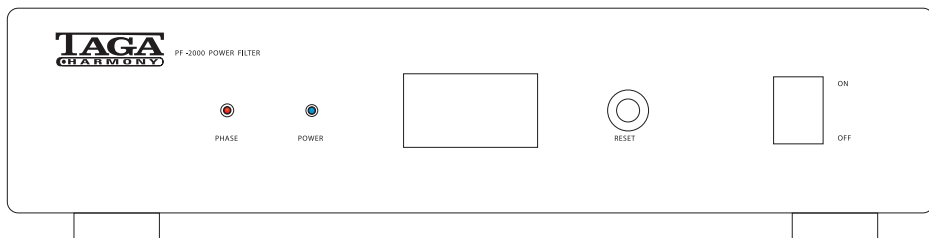
TAGA[®]

CHARMONY

To Achieve Glorious Acoustics

PF Series [230-240V]

POWER NOISE FILTERS FOR USE
WITH AUDIO-VIDEO EQUIPMENT



Instruction Manual

Introduction

Thank you for purchasing this TAGA Harmony power filter.

The power filter is a perfect addition to your audio or home theatre system.

The electricity we are supplied with at our homes or workplaces is not clean and there is almost always at least some noise.

This dirty electricity can have a negative effect on performance of your audio-video system and even affect its life.

TAGA Harmony power filter limits noises from your electricity as well as isolates sound and video sources from the soiled electrical network as well as indicates the correct power phase – now your system performance will be much better!!

This instruction manual provides all of the information that you need to know about your TAGA Harmony power filter.

Please read it carefully before you start using the unit.

Cleaning

Do not use strong or abrasive cleaners. Use a dry, soft cloth for cleaning.

Specifications

Full technical specifications are available on the www.Tagaharmony.com website.

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Safety Instructions

IMPORTANT

READ THIS SECTION CAREFULLY BEFORE PROCEEDING!



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. DO NOT REMOVE CHASSIS (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The triangle containing a lightning symbol is intended to alert the user to the presence of uninsulated dangerous voltages within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



An exclamation mark in a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE, AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE THE FUSE ONLY WITH THE SAME AMPERAGE AND VOLTAGE TYPE. REFER REPLACEMENT TO QUALIFIED SERVICE PERSONNEL.

WARNING: UNIT MAY BECOME HOT. ALWAYS PROVIDE ADEQUATE VENTILATION TO ALLOW FOR COOLING. DO NOT PLACE NEAR A HEAT SOURCE, OR IN SPACES THAT CAN RESTRICT VENTILATION.

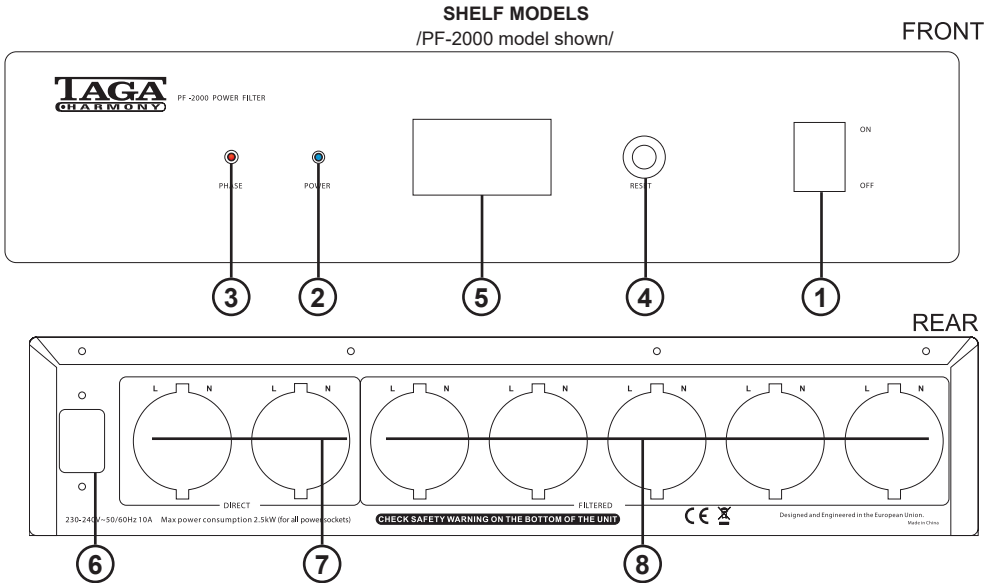
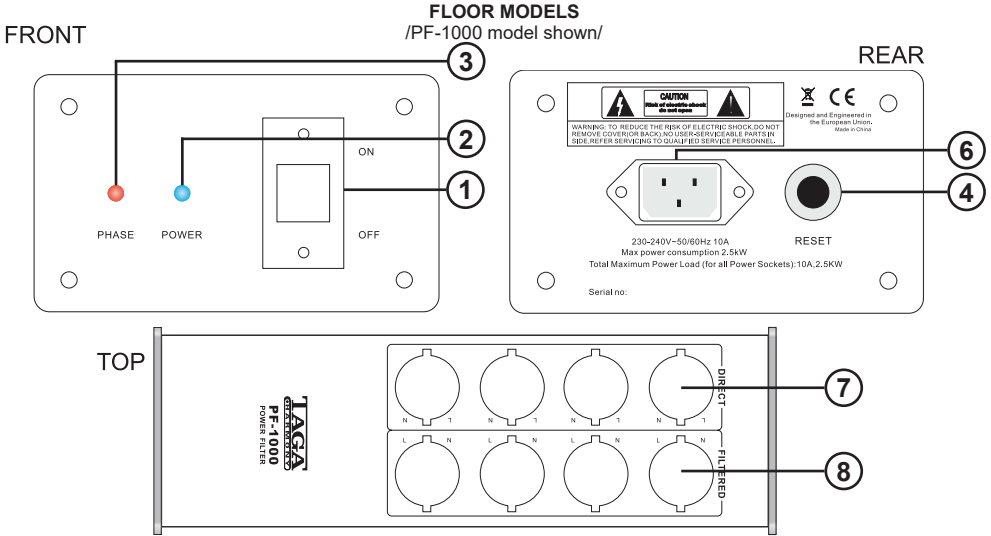
Important Safety Instructions

1. Read Instructions – All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions – The safety and operating instructions should be retained for future reference.
3. Heed Warnings – All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions – All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp, soft cloth for cleaning.
6. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool; and the like.
7. Accessories - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
8. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
9. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
10. Grounding and Polarization - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
11. Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
12. Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable systems. This will prevent damage to the product due to lightning and power-line surges.
13. Overloading - Do not overload wall outlets, extensions cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
14. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Do not expose this apparatus to dripping or splashing, and ensure that no objects filled with water, such as vases, are placed on the apparatus.
15. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
16. Damage Requiring Service - Unplug this product from wall outlet and refer servicing to qualified personnel under the following conditions:
 - When power supply cord or plug is damaged;
 - If liquid has been spilled, or objects have fallen into product;
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will require extensive work by a qualified technician to restore the product to its normal operation;
 - If the product has been dropped or damaged in any way;
 - If the product exhibits a distinct change in performance - this indicates a need for service.
17. Replacement Parts - When replacement parts are required, be sure the technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
18. Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
19. Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
20. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
21. [Refers to products equipped with vacuum tubes] Tube Cage - For your safety and to protect the vacuum tubes this product may be equipped with the factory installed vacuum tube cage.

It is not recommended to remove the cage unless it is required to change the vacuum tubes.

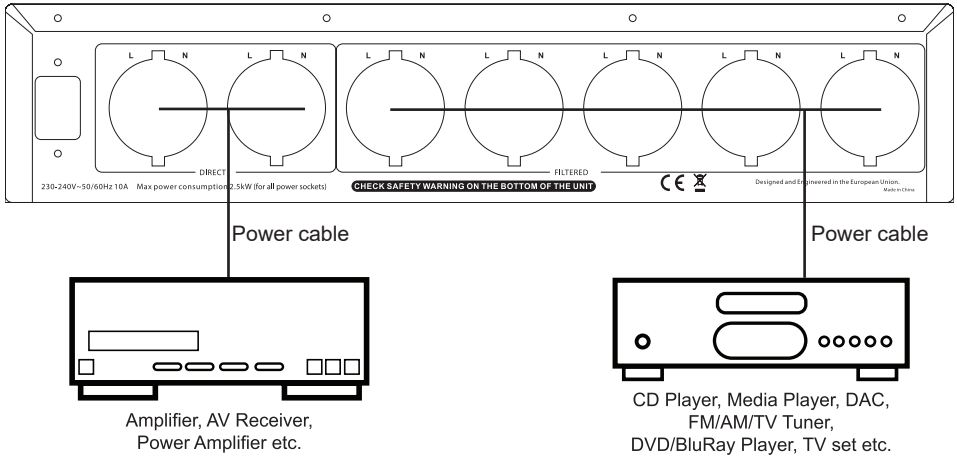
When the cage is removed - do not touch the vacuum tubes - they may be hot and burn the skin!

Controls and Displays



1. Power Switch (ON and OFF)
2. Power Indicator
3. Phase Indicator
4. Reset Button
5. Voltage Meter Display
6. Power Cable Input
7. Power Sockets - DIRECT Output (non-filtered)
8. Power Sockets – FILTERED Output

Hooking Up the Filter



1. Make sure the filter is turned off (the Power Switch is in the down OFF position and the Power Cable is removed).
2. Using power cables (only a power cable for the filter is supplied with this product) connect your audio-video equipment to the power sockets. Follow the below recommendations:

FILTERED SOCKETS (these sockets are filtered. Electrical noises are filtered and limited) – connect here your audio-video sources (CD/DVD/BluRay/Media Player, Radio/TV Tuner, Digital-to-Analog Converter, Turntable, Preamplifier, Active Speakers etc.) and video display devices (TV Set, Video Projector etc.).

DIRECT SOCKETS (these sockets are not filtered) – connect here your amplification audio equipment (Integrated/Power Amplifier, AV/Stereo Receiver, Active Subwoofer and similar)

Note! Check „Operation” for more information about the correct Phase when connecting audio-video equipment.

3. Your filter is ready for operation.

Note!

We recommend to use Schuko plugs in all power cables.

Make sure not to overload the power filter. Add all amounts of power that connected audio-video equipment consumes – the total amount should not exceed the maximum power load which is marked on the filter and in the specifications (usually 10A, 2500W).

Operation

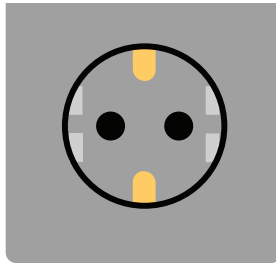
Note! This unit requires a single-phase 3-conductor electrical outlet.

1. Plug the Power Cable to the filter and into the electrical outlet.
2. Turn on the filter (the Power Switch should be in the upper ON position). The Power Indicator should light up – if not then check the connection to the electrical outlet and whether it is powered.
3. **Phase Indicator** - the indicator will illuminate when the phase is incorrect.

If the Phase is incorrect perform the following steps:

a) Schuko type electrical outlet. Make sure the filter is turned off (the Power Switch is in the down OFF position and the Power Cable is removed).

Remove the power plug from the outlet, reverse the plug by 180 degrees and put it into the outlet.

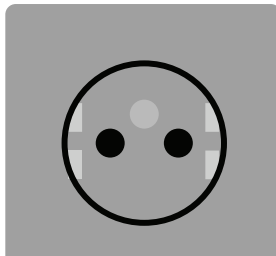


Turn on the filter – the Phase Indicator should switch off – the Phase is correct.

b) Electrical outlet with a ground pin. Make sure the filter is turned off (the Power Switch is in the down OFF position and the Power Cable is removed).

Contact a qualified electrician to reverse wiring connection in your electrical outlet.

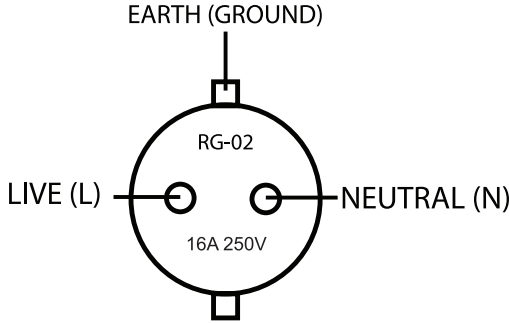
Turn on the filter – the Phase Indicator should switch off – the Phase is correct.



Note! Due to risk of electric shock refer any changes related to electrical equipment to qualified personnel.

4. The Power Sockets in your filter may have additional marking related to the female contacts: L – LIVE | N – NEUTRAL.
If not then check the below figure showing the Power Sockets wiring (for the correct Phase).

Operation



If your audio-video equipment has a phase marking for the power cable input make sure to connect correctly the equipment power cable plug to the power filter.

5. Turn on your audio-video equipment and enjoy your system.
6. **Reset** – the Power Output Sockets will be powered off when the maximum power load is exceeded (check rear of the filter or specifications). Press the RESET button to restore the power supply.

Note! When you want to turn off the power filter we recommend to turn off your audio-video equipment firstly.

Specifications

	PF-2000	PF-1000
Max Spike Volt	3000V	
Max Surge Current	1000A	
Max Clamping Volt	470V	
Noise Filter	>-10dB (2-100MHz)	
Sockets	2 Direct, 5 Filtered	4 Direct, 4 Filtered
Total Maximum Power Load (for all Power Sockets)	10A, 2500W	
AC Power	230V~240V 50/60Hz	
Power Consumption	<0.1W (without any external devices plugged in)	
Dimensions (H x W x D)	10 x 44 x 31 cm	9 x 14 x 44.5 cm
Weight (net)	5.1 kg / pc.	3.2 kg / pc.

We reserve the right to change the technical data and the design of the product without notice as a result of further development.

We strongly advise to contact a professional installer or dealer in order to install TAGA Harmony products.

We recommend using high quality TAGA Harmony cables and other installation accessories.

Kit Content:

Power Filter	1EA
Power Cable	1EA
Instruction Manual	1EA



Your product is marked with the symbol as showed on the left.
For EU (European Union) member users:
This product has been tested and found in compliance with requirements of the European Community 2014/30/EU (EMC) & 2014/35/EU (LVD) directives.



IMPORTANT!

Your product is marked with the symbol as showed on the left.
For EU (European Union) member users:

According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

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