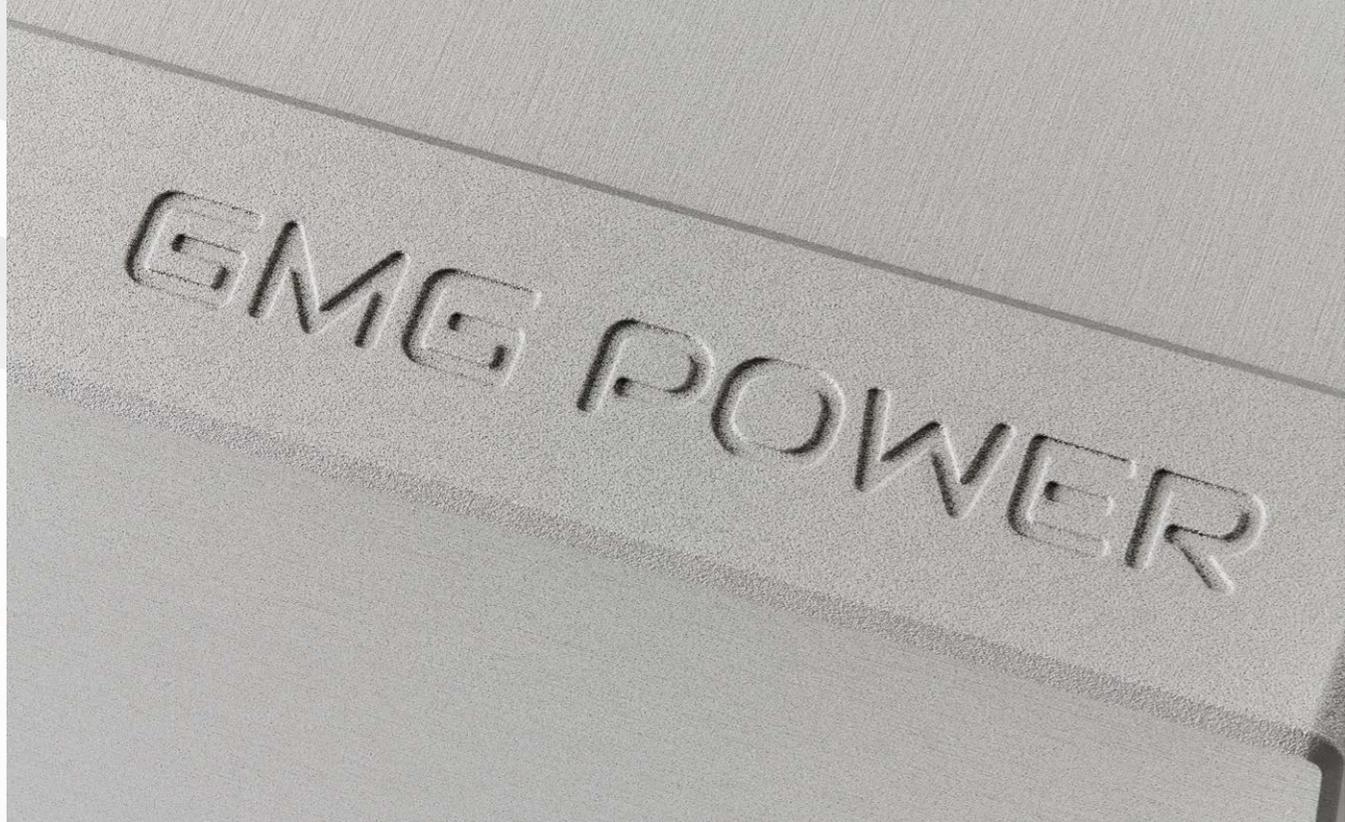




PRODUCT CATALOGUE 2022



The final step



WHAT IS THE POINT?

Do you love music and want to enjoy it to the fullest every day? Your audio system will only play as well as its weakest part - and this is often an underestimated power supply.

It doesn't appear only pure voltage in the power distribution systems of your homes, but also a large „pollution“, the so-called „harmonic noise“. It's caused by large factories, powerful engines that are powered from the power network, as well as „transmitting networks“ - FM radio, 3G, 4G and 5G mobile networks, home Wi-Fi, but also by communication between Bluetooth devices. This harmonic noise can definitely degrade the resulting sound. With the increasingly intense presence of these technologies in our surrounding, their impact will certainly only increase. Therefore it's necessary to filter out these unwanted frequencies accumulated in the power distribution lines before they can enter your audio system and thus distort its sound - because the reproduced music is actually nothing more than an electronically processed electric current, which is subsequently converted into the movement of the speakers, and therefore, if the supply current is distorted, the output must necessarily be distorted as well. The higher the quality of the assembly, the higher its resolution, the more obvious this problem is and the greater benefits our products offer to you.

We use a globally unique know-how and our filter devices operate with much higher efficiency than any of the others with whom we have ever encountered. The proof of this fact for us is a number of satisfied users, expert reviews with excellent recommendations, contributions to discussion forums, etc.

What to expect after connecting our power filter?

Your music will fill the listening space, will come out of the speakers, will have a wider right-left and front-rear space, as well as clearly improve the separation of individual instruments and increase the perceived resolution due to the absence of distortion and background noise.

We build our filters to guarantee zero compression in dynamic range - your assembly will finally be able to sound in full.



REFERENCE POWER FILTER

HARMONIC HAMMER 3000P

The unsurpassed method of passive filtration combined with the latest EMC technology and knowledge.

The design is the result of over 10 years of experience in the field of filter design for military, aerospace and automotive technology.

We have achieved extraordinary high filtration efficiency along with sufficient power reserve for energy-intensive HIGH-END components.



2,5
kW

CONTINUES
POWER

4,5
kW

PEAK
POWER

100
dB

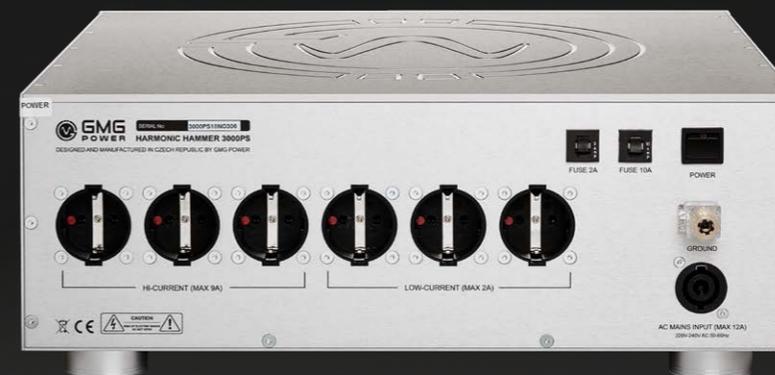
SUPPRESSION
OF HARMONIC
NOISE

20
kA

OVERVOLTAGE
PROTECTION

45
kg

WEIGHT



TECHNICAL SPECIFICATION

AC Input Voltage:	230V ~ 50/60Hz ±10%
Maximum input current:	12A
AC Output Voltage:	230V ~ 50/60Hz ±10%
Continous Output power:	High Power out – 2100W (9A)
Low Power out – 450W (2A)	3 000VA
Maximum Input power:	3 000VA
No load consumption:	13W
Operating Temperature:	-10°C - +50°C
Overvoltage and current peak protection:	Active also in power-off mode
Maximum absorbed peak current impulse:	20 000A (380Joule - 8x20µs) input 30 000A (570Joule - 8x20µs) outputs
Overvoltage protection:	Auto shutdown >255V - LED indication
Surge protection:	Lightning protection 20 000A
Short-circuit protection:	10A INPUT, 2A LOW POWER OUTPUTS
Soft start:	Current peak maximum 5A
Filtering frequency:	RFI/EMI 30 kHz - 1GHz/20-100dB
Weight brutto without power cable:	45kg
Type of sockets:	Input - Neutrik PowerCon 32A outputs 6xEU(Schuko) 16A
Galvanic isolation:	Input/Outputs Hi-power outputs/Low-power outputs
Operating humidity:	maximum 85% non condensing
Voltage measuring accuracy:	±1,5%
Enclosure protection:	IP20
Dimensions (W x H x D):	450 x 150 x 410 mm

HARMONIC HAMMER 3000P



REFERENCE POWER FILTER

HARMONIC HAMMER EXCLUSIVE

The original architecture of the Harmonic Hammer 3000P filter has been further improved.

There were so many changes inside and outside the device that it is practically a new product, so we simply called it Harmonic Hammer Exclusive (no longer with the nickname 3000P).

The result is an incredibly soft and open sound, full of details without a hint of aggression with better instrument separation and, in the case of a filter, with hard-to-believe dynamics and infinite space.

These are not only design changes, but especially some of the inner part of the filter have been redesigned and their efficiency has been increased without adverse effects on the resulting sound dynamics.



2,5
kW

CONTINUES
POWER

4,5
kW

PEAK
POWER

130
dB

SUPPRESSION
OF HARMONIC
NOISE

30
kA

OVERVOLTAGE
PROTECTION

47
kg

WEIGHT



TECHNICAL SPECIFICATION

AC Input Voltage:	230V ~ 50/60Hz ±10%
Maximum input current:	12A
AC Output Voltage:	230V ~ 50/60Hz ±10%
Continuous Output power:	High Power out – 2100W (9A) Low Power out – 450W (2A)
Maximum Input power:	3 000VA
No load consumption:	13W
Operating Temperature:	-10°C - +50°C
Overvoltage and current peak protection:	Active also in power-off mode 30 000A (570Joule - 8x20µs) outputs
Maximum absorbed peak current impulse:	30 000A (570Joule - 8x20µs) input
Overvoltage protection:	Auto shutdown >255V - LED indication
Reverse phase indication:	Change the backlight of the Voltmeter to orange
Surge protection:	Lightning protection 20 000A
Short-circuit protection:	10A INPUT, 3A LOW POWER OUTPUTS
Soft start:	Current peak maximum 5A
Filtering frequency:	RF/EMI 5 kHz - 1,5GHz/25-130dB
Weight brutto without power cable:	50kg
Type of sockets:	FURUTECH Rhodium NCF IEC C20 6x FURUTECH Rhodium NCF EU(Schuko) 16A
Galvanic isolation:	Input/Outputs Hi-power outputs/Low-power outputs
Operating humidity:	maximum 85% non condensing
V-meter backlight:	Neutral white
Voltage measuring accuracy:	±1,5%
Enclosure protection:	IP20
Dimensions (W x H x D):	450 x 150 x 410 mm

HARMONIC HAMMER
EXCLUSIVE



POWER FILTER

X-BLOCKER

The world's first ONE-BOARD filter that is completely without cable-connections (each cable in the device is a potential antenna for unwanted EMI interference).

The PCB is made with four-layer technology with extremely thick clad copper, which is additionally plated and coated with 24 carat gold.

For the first time ever, components based on tempestated filters have been used in the field of HIGH-END filters. We use their unique features to prevent the spread of RF interference inside the X-BLOCKER filter



10
kW

PEAK
POWER

20
A

MAXIMUM
INPUT
CURRENT

98
dB

SUPPRESSION
OF HARMONIC
NOISE

100
kA

OVERVOLTAGE
PROTECTION

19
kg

WEIGHT



X-BLOCKER



TECHNICAL SPECIFICATION

AC Input Voltage:	230V ~ 50/60Hz ±10%
Maximum input current:	20A
AC Output Voltage:	230V ~ 50/60Hz ±10%
Continuous output current per socket:	16A
Continuous output power per socket:	3700W
Peak power:	10 000W
Total power:	4600W
Integrated DC filter:	Max. 3V
Max. absorbed peak current:	100 000A (1900Joule pulz 8x20µs)
Lightning protection	20 000A
Filtering frequency:	RF/EMI 1 kHz - 3GHz 15-98dB
Weight brutto:	19kg
Type output sockets:	4xEU(Schuko) Furutech Rhodium NCF 16A
Type input socket:	FURUTECH Rhodium IEC C20
Dimensions (W x H x D):	450 x 120 x 310 mm

POWER FILTER

LINE-BLOCKER CLASSIC



LINE-BLOCKER CLASSIC will delight you with its design and its versatility.

Using the FURUTECH IEC input connector increases its use in your system.

Sophisticated design and our own filter topology, called Maximum Compact Performance, hereinafter referred to as MCP, we achieve attenuation of unwanted interference approaching up to 100dB.

The MCP is an extremely compact design using SMD-certified components with optimized individual joint lengths without adverse effects on sound dynamics and minimal embedded impedance.

10
kW

PEAK
POWER

16
A

MAXIMUM
INPUT
CURRENT

93
dB

SUPPRESSION
OF HARMONIC
NOISE

20
kA

OVERVOLTAGE
PROTECTION

11
kg

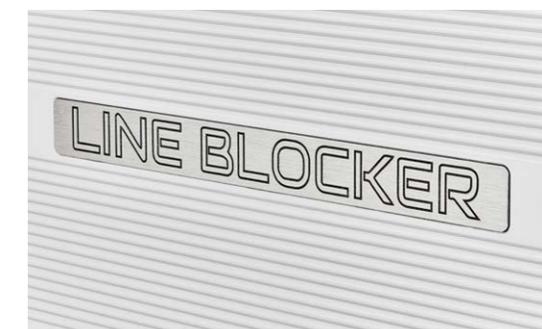
WEIGHT



TECHNICAL SPECIFICATION

AC Input Voltage:	230V ~ 50/60Hz ±10%
Maximum input current:	16A
AC Output Voltage:	230V ~ 50/60Hz ±10%
Continuous output current per socket:	16A
Continuous output current per socket:	3700W
Peak power:	8000W
Total power:	3700W 6x filtered output 2x unfiltered output
Operation indication:	LED - neutral white
Reverse phase indication:	LED - orange
Maximum absorbed peak current impulse:	20 000A (380Joule pulse 8x20µs)
Lightning protection:	20 000A
Filtering frequency:	RFI/EMI 5 kHz do 1GHz 15-93dB
Weight brutto:	11,5kg
Type output sockets:	8xEU(Schuko) Furutech GOLD
Power socket type:	FURUTECH Gold IEC C14
External dimensions incl. lock system and legs:	670 x 180 x 163 mm

LINE-BLOCKER CLASSIC



POWER FILTER

LINE-BLOCKER EXCLUSIVE



We introduce new filter bar that takes over the best technologies from the X-BLOCKER product.

Here again, ONE-BOARD technology is used with a dedicated filter for each socket and pre-filtration with high efficiency.

The filter is also completely free of cables and only heavily oversized PCBs and extra strong copper plates with a ferrite layer, which blocks unwanted interference, are used.

The make of the LINE-BLOCKER filter is completely made by CNC technology with high accuracy.

The LINE-BLOCKER filter is available in CLASSIC and EXCLUSIVE version. The use of top components is a matter of course with our filters. The next innovation is the use of the patented LOCK system for the supply cable.

10
kW

PEAK
POWER

20
A

MAXIMUM
INPUT
CURRENT

95
dB

SUPPRESSION
OF HARMONIC
NOISE

20
kA

OVERVOLTAGE
PROTECTION

12
kg

WEIGHT



TECHNICAL SPECIFICATION

AC Input Voltage:	230V ~ 50/60Hz ±10%
Maximum input current:	20A
AC Output Voltage:	230V ~ 50/60Hz ±10%
Continuous output current per socket:	16A
Continuous output current per socket:	3700W
Peak power:	10 000W
Total power:	4600W 6x filtered output 2x unfiltered output
Operation indication:	Ambient backlight - neutral white
Reverse phase indication:	Ambient backlight - orange
Maximum absorbed peak current impulse:	20 000A (380Joule pulse 8x20µs)
Lightning protection:	20 000A
Filtering frequency:	RF/EMI 5 kHz do 1GHz 15-95dB
Weight brutto:	12kg
Type output sockets:	8xEU(Schuko) Furutech Rhodium NCF
Power socket type:	FURUTECH Rhodium IEC C20
External dimensions incl. lock system and legs:	670 x 180 x 163 mm
External dimensions of the filter housing:	646 x 95 x 140

X-BLOCKER



POWER FILTER

UNITque

The last of the GMG Power filter family is the UNITque - modular unit.

With its performance, this very compact filter, full of technology, ranks among the most powerful filters on the world market. You can use it front of power mono blocks and can just as well function as a significant enhancement of the filtering effect in front of highly sensitive devices.

The possibilities are almost limitless. The UNITque filter unit has a very high filter effect, a circuit for DC voltage cancellation, phase detection and, thanks to the technologies used, it does not behave like an embedded impedance, which is the enemy of dynamics.

Great care was paid to the internal arrangement and design of the PCB with selected components of the highest quality, which is key through the whole project. All this is housed in a thick-walled chassis, which is milled from a single piece of aluminum block. This ensures that EMC interference does not get in or out. All of GMG Power filters are made of discrete components of the highest quality.



10
kW

PEAK
POWER

20
A

MAXIMUM
INPUT
CURRENT

93
dB

SUPPRESSION
OF HARMONIC
NOISE

40
kA

OVERVOLTAGE
PROTECTION

4
kg

WEIGHT



TECHNICAL SPECIFICATION

AC Input Voltage:	230V ~ 50/60Hz ±10%
Maximum input current:	16A(IEC C14)/20A(IEC C20)
AC Output Voltage:	230V ~ 50/60Hz ±10%
Lightning protection:	20 000A
Continuous output current:	16A(IEC C14)/20A(IEC C20)
Continuous output current per socket:	3700W/4600W
Peak power:	10000W
Total power:	3700W(IEC C14)/4600W(IEC C20) 1x filtered output
Integrated DC filter:	Max. 3V
Operation indication:	LED - neutral white
Reverse phase indication:	LED - orange
Maximum absorbed peak current impulse:	40 000A (760Joule pulse 8x20µs)
Filtering frequency:	RFI/EMI 5 kHz do 1GHz 11-93dB
Weight brutto:	4,5kg
Type output socket:	EU(Schuko) FURUTECH Rhodium NCF
Power socket type:	IEC C14/ IEC C20
External dimensions incl. lock system and legs:	300 x 144 x 93 mm
V-meter backlight:	Neutral white
Voltage measuring accuracy:	±1,5%
Enclosure protection:	IP20
Dimensions (W x H x D):	450 x 150 x 410 mm

UNITque



Characteristics of Cable HH-C01

Rhodium-plated socket end of the highest quality

Specially designed geometry

12 core cable from a German manufacturer

Neutrik PowerCon HIGH-END connector with 32A load capacity

Double shielded cable for effective ambient interference suppression



Adapter IEC14/POWERCON32

The adapter is minimalistically made

The output part is equipped with a POWERCON32 connector

The input is a rhodium-plated IEC C14 socket from FURUTECH CO., LTD.

The high-quality connection is ensured by an extra-pure silver-plated copper cable from FURUTECH CO., LTD.



Characteristics of Cable HH-C02

Furutech rhodium-plated connectors (accableing to customer's request FI-52R or FI-E38R)

For the production of the cable was chosen very pure silver-plated OFC copper

High cable cross-section 6sqmm for full dynamic range transmission

The cable is fitted with ferrites, which prevent unwanted interference

Besides the standard shielding is still aluminum foil, which provides 100% coverage

The cable is an optional accessory and is not included in the price of any of the devices

OUR STORY

First of all, we're ordinary guys from Moravia, who fell in love with music and who have had exceptional relation to technology from our childhoods. Music and technology have accompanied us all our lives and especially during our adolescence. The combination of music and its reproduction has influenced us to an unprecedented extent. Our passion arose at high school and culminated in the final work of a practical exam - by assembling a DUAL MONO amplifier (Pavel), which is still works, although more than 20 years have passed since then, and a preamplifier (Petr) with operational amplifiers from discrete components (very visionary at that time), which also works today. Thanks to this hobby, we also provided to create a custom-made disco room sound system and an extreme sound car system, at the time so popular.

After graduating from college, we began our careers, one as a developer for aerospace and military technology and the second one as a manager in the B2B segment.

Hi-Fi was still a big hobby for us and we bought one component after another as the range of amplifiers, speakers and accessories grew. So it was not a problem for us to get top components. The problem was more financial, because we started our families, solved housing and other private issues.

Another story was when we came to a solution to the issue of filtration. Due to the fact that Pavel works in the field of development of military, transport and aviation technology where great emphasis is placed on direct and environmental interference. We had a clear idea of what the filter should look like and what the internal design should be. Although we did our best, we found out that none of the manufacturers offer a comprehensive solution. Each of solution promised an interesting look at one part of the product, but always solved only part of the problem and did not solve any other possible spreading of disturbing voltage, which can degrade the resulting effect to some extent. And who would like to invest a lot of money in the component which doesn't meet all required expectations?

That was the moment when Harmonic Hammer was about to be born. Our goal was to develop a device that filters all types of interference, offers strong dynamics and will be one of the best designs on the market.

And our family business began to be born slowly in 2016. Three years later, the product was introduced in its final form. Originally, it was supposed to be a solution for us, but friends and people from the HIGH-END community persuaded us to make it the ultimate product that true music lovers can indulge in and

take their listening experience to a new dimension.

We care that our products have our own KNOW-HOW. We do not compose filters from individual blocks because these are used for industrial interference. Therefore, we offer our own solution, which meets the highest criteria and includes exclusivity. Whether it is the first ONE-BOARD Solution, when the product does not have a cable in the power path (imaginary antenna), the use of special components that have not yet been used in the field of Hi-Fi filters until the transformer with galvanic separation, which acts as a storage tank. energy, not embedded impedance. All this, together with the unique design and processing with a high proportion of manual labour, is the added values of our GMG POWER filters.

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