




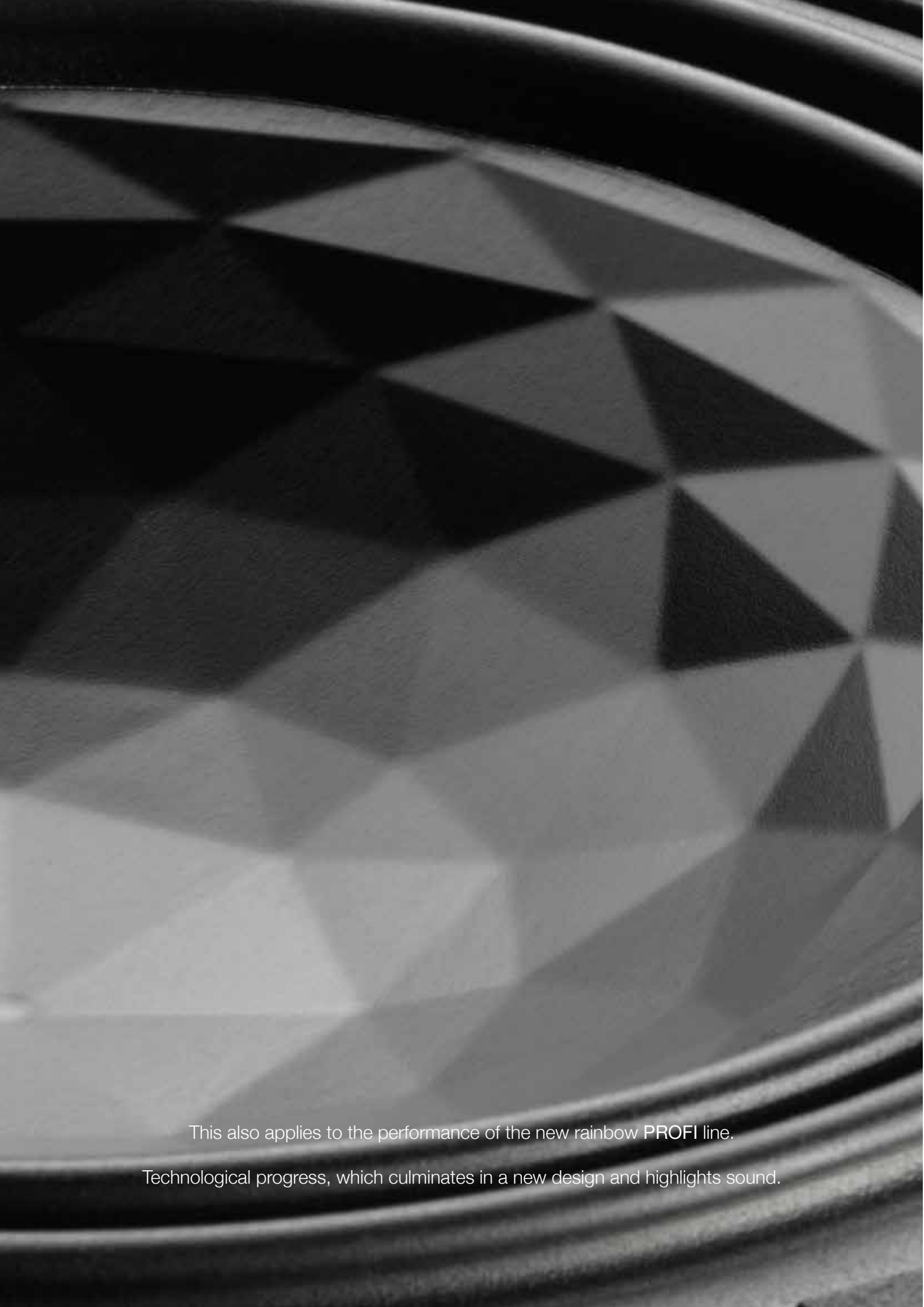
The new rainbow PROFi line.

Completely different. Experience music in a new way. Visually, acoustically, dynamically.

Made in Germany



Sometimes, the shape and the facts speak for themselves...



This also applies to the performance of the new rainbow PROFI line.
Technological progress, which culminates in a new design and highlights sound.



PL-T28 SET TWEETER

Stainless steel housing for very low distortion, CNC crafted and polished by hand

Multi part housing with special acoustic details to optimize frequency response

Closed volume for optimized behavior and low resonance frequency

Silk dome, sound coated by hand

High energy neodymium magnet

Vented magnet system to connect tweeter to the acoustic volume

Audio viscous damping with Merino Wool and other special acoustic material

Ferrofluid free for fast and precise pulse response

Speaker screw terminal for 4 mm² speaker cables

Unique stainless steel mounting ring to secure the tweeter



PL-M3P SET MIDRANGE

rainbow compound-rubber W-surround, with low distortion and high excursion and linearity

Light and strong multi layer cone, to prevent resonances on surface, coated by hand

Full aluminum phase plug, designed to optimize frequency response and additional cooling

Symmetric lead wire spider, to prevent coil wobbling

Titan 25 mm diameter voice coil former with CCA coil wire, to reduce moving mass and low Rms

Aluminum-die-cast basket, designed for low depth and optimized airflow

Multi vented U-Yoke neodymium magnet system with optimized airflow

Speaker screw terminal for 4 mm² speaker cables

Stainless steel mounting ring (polished) with grill (optional)



PL-W6P SET WOOFER

rainbow compound-rubber W-surround, with low distortion and high excursion and linearity

Light and strong multi layer foam cone, to prevent resonances on surface, coated by hand

Full aluminum phase plug, designed to optimize frequency response and additional cooling

Symmetric lead wire spider, to prevent coil wobbling

Titan 37 mm diameter voice coil former with CCA coil wire, to reduce moving mass and low Rms

Copper control rings, to optimize impedance and very low distortions

Aluminum-die-cast basket, designed for high linear excursion and optimized airflow

Multi vented magnet system prevent thermal compression

Speaker screw terminal for 8 mm² speaker cables





PL-W6C SET WOOFER

rainbow compound-rubber W-surround, with low distortion and high excursion and linearity

Aluminum crystal look cone, black anodized, aluminum-paper/compound for extreme depth

Symmetric lead wire spider, to prevent coil wobbling

Titan 37 mm diameter voice coil former with CCA coil wire, to reduce moving mass and low Rms

Copper control rings, to optimize impedance and very low distortions

Aluminum-die-cast basket, designed for high linear excursion and optimized airflow

Multi vented magnet system prevent thermal compression

Speaker screw terminal for 8 mm² speaker cables





PL-S10 SUBWOOFER

rainbow compound-rubber surround, with low distortion and high excursion and linearity

Light and strong multi layer foam cone, to prevent resonances on surface, coated by hand

Symmetric lead wire spider, to prevent coil wobbling

Titan 65 mm diameter voice coil former with CCA coil wire, to reduce moving mass and low Rms

Aluminum control rings, to optimize impedance and very low distortions

Aluminum-die-cast basket, designed for high linear excursion and optimized airflow

Triple-stack multiple-vented strong magnet system, prevent thermal compression

Speaker screw terminal for 2 x 16 mm² speaker cables



PL-T22 SET TWEETER

Impedance	4 Ohm
Resonance frequency	950 Hz
Frequency response	3 - 40 kHz @18 dB
SPL 1W/1 Meter	88 dB
Outer Diameter	39 mm
Mounting Diameter	36 mm
Mounting Depth	35 mm
Weight	190 g

PL-T28 SET TWEETER

Impedance	4 Ohm
Resonance frequency	650 Hz
Frequency response	2 - 30 kHz @18 dB
SPL 1W/1 Meter	92 dB
Outer Diameter	57 mm
Mounting Diameter	52 mm
Mounting Depth	36 mm
Weight	330 g

PL-M3P SET MIDRANGE

Impedance	4 Ohm
Handling Power	80 Watt
Resonance frequency	85 Hz
Frequency response	250 Hz - 8 kHz @18 dB
SPL 1W/1 Meter	88 dB
Xmax +/-	2,5 mm
Outer Diameter	91 mm
Mounting Diameter	78 mm
Mounting Depth	35 mm
Weight	300 g
Recommended enclosure sealed	min. 0.8 liter optimal 1.2 liter

PL-W6P SET WOOFER

Impedance	4 Ohm
Handling Power	180 Watt
Resonance frequency	38 Hz
Frequency response	35 Hz - 5 kHz @18 dB
SPL 1W/1 Meter	88 dB
Xmax +/-	7 mm
Outer Diameter	166 mm
Mounting Diameter	143mm
Mounting Depth	78 mm
Weight	1200 g
Recommended enclosure sealed	min. 12 liter optimal 16 liter

PL-W6C SET WOOFER

Impedance	4 Ohm
Handling Power	180 Watt
Resonance frequency	36 Hz
Frequency response	33 Hz - 5 kHz @18 dB
SPL 1W/1 Meter	87 dB
Xmax +/-	7 mm
Outer Diameter	166 mm
Mounting Diameter	143mm
Mounting Depth	78 mm
Weight	1200 g
Recommended enclosure sealed	min. 12 liter optimal 18 liter

PL-S10 SUBWOOFER

Impedance	4 Ohm
Handling Power	1000 Watt
Resonance frequency	28 Hz
Frequency response	25 Hz - 500 Hz
SPL 1W/1 Meter	86 dB
Xmax +/-	28 mm
Outer Diameter	272 mm
Mounting Diameter	239 mm
Mounting Depth	158 mm
Weight	9500 g
Recommended enclosure sealed	min. 16 liter optimal 22 liter



AIV GmbH + Co. KG
Tatschenweg 1
74078 Heilbronn
Germany

T: +49 (0) 7131 5953-0
F: +49 (0) 7131 5953-639
info@aiv.de
www.rainbow-audio.de