



THE SOUNDMAKERS



PREMIUM PR:0 D2

THE GERMAN AUDIO STANDARD >

PREMIUM PR:O D2

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State-of-the-art, high-performance electronics, low-resonance wooden cabinets for increased sound pressure, and all this in a stark professional audio look – the new Premium Pro D2 Series delivers all the benefits of the successful Premium Pro D family and also meets the latest user requirements.

The overhauled design with the sturdy steel front grille not only visually enhances the speakers, but also ensures they are optimally protected when in use. The new MultiGrip handles allow ergonomically perfect handling in any position and also ensure the models are compatible with HK AUDIO's professional flying bracket solutions.

The next-generation PREMIUM PR:O D2 also uses the proven DSP electronics with advanced FIR filtering for

intuitive and practical operation.

The clear, low-distortion sound of the PREMIUM PR:O series really shows its strengths when reproducing voices in live situations and thus minimizes listener fatigue, ensuring longer-lasting enthusiasm and attention from audiences.





PREMIUM PR:O D2

...the next Generation

With more than 200,000 units sold, PREMIUM PR:O is a truly unstoppable success story for our modular sound systems, which we are continuously developing and optimizing. Customers particularly love the low-resonance, sturdy wooden construction paired with reliable, high-quality speakers and powerful electronic components. All this makes the PREMIUM PR:O D2 models brilliant all-rounders, especially for live applications where high sound pressure and transparent reproduction of voice and instruments are important.

Flexible all-rounders

The new PREMIUM PR:O D2 series consists of five DSP-controlled full-range and multifunctional speakers, as well as the PR:O 210 Sub D2 and PR:O 118 Sub D2 basses. In line with the modular principle, the speakers can be combined flexibly for the most varied of requirements, from standalone, 2.1 and monitor setups, to full-stack applications. These combination options make PREMIUM PR:O suitable for a wide range of installations where excellent speech intelligibility and transparent reproduction is required.

Professional, safe and simple handling

The newly developed HK Audio MultiGrips always ensure a comfortable and secure grip during loading and unloading as well as during assembly and dismantling. This not only results in practical handling in transportation: the HK Audio TB-45N and TB-45NQ tilt brackets can also be mounted on the MultiGrips of the PR:O 112 FD2, 115FD2 and 115XD2, making professional rigging simple and easy.

Efficient, modern technology, simple operation

The DSP-controlled preamp delivers precise sound. Thanks to the EQ presets, tone controller and FIR X-Over, it overcomes acoustic challenges in live applications with ease. The D2 models have a clear and understandable user interface – complicated menu controls are deliberately avoided. Despite its high-tech interior, it is very easy and intuitive to use based on the Plug 'n' Play principle. PREMIUM PR:O remains the easiest way to achieve the best sound.

KEY FEATURES OF THE D2 MODELS

The easiest way to the best sound



1,200-watt Class D bi-amping

Powerful DSP electronics with intuitive Plug 'n' Play operation via preset selector

Tone controller for quick adjustment of the sound characteristics (music/speech)

FIR crossover with a slope of 48 dB per octave for better vertical dispersion

Custom-designed speaker

90° x 55° CD horn for wide dispersion and optimal sound

HK Audio MultiGrip handles, significantly improved handling in any position

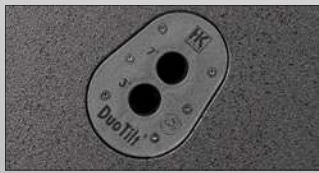
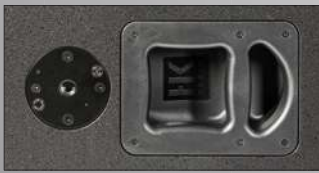
New rigging option for the PR:O 112 FD2, 115 FD2 and 115 XD2 tops by fitting the TB-45N/TB-45NQ tilt brackets

Sturdy metal front grille with black acoustic foam backing

Low-resonance wooden cabinet for powerful bass reproduction and a maximum sound pressure of up to 132 dB

5-year warranty (after registration)

Made in Germany (except PR:O 118 SUB D2)



PREMIUM PR:O D2 MID/HIGH UNITS

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PR:O 110 XD2

A real all-rounder that can be used as a satellite, compact 10"/1" full-range speaker or low-profile stage monitor. The well-balanced frequency response ensures low feedback and can be adapted to various applications using the Music/Speech controller. The integrated DSP-based power electronics with 1,200 watts of power make the active PR:O 110 XD2 a powerful, handy and flexible sound tool.



PR:O 112 FD2

An active full-range speaker in the classic 12"/1" format with a well-balanced sound pattern, excellent speech intelligibility and a high usable sound pressure level. The integrated DSP-based power electronics with 1,200 watts of power make the PR:O 112 D2 a powerful sound tool. Also ideal as a satellite in combination with the PR:O 118 SUB D2 bass. The built-in MultiGrips allow safe and comfortable handling and make professional rigging a breeze by simply installing the TB-45N or TB-45NQ tilt brackets on them.



PR:O 112 XD2

A compact 12"/1" multifunctional speaker that can be used as a full-range speaker or as a stage monitor. The well-balanced frequency response ensures low feedback and can be adapted to various applications using the Music/Speech controller. The integrated DSP-based power electronics supply the PR:O 112 XD2 with 1,200 watts of power. This ensures flexibility in all areas of application. The built-in MultiGrip ensures the necessary safety and ease of handling.





PR:O 115 FD2

Compared to the PR:O 112 D2, this speaker offers extended low-mid and bass reproduction thanks to the 15" transducer, making it ideal for standalone use without an additional subwoofer.

The integrated DSP-based power electronics with 1,200 watts of power make the PR:O 115 D2 a powerful sound tool.

The built-in MultiGrips allow safe and comfortable handling and make professional rigging a breeze by simply installing the TB-45N or TB-45NQ tilt brackets on them.



PR:O 115 XD2

A 15"/1" multifunctional speaker that can also be used as a full-range unit or stage monitor for an impressive performance. The well-balanced frequency response ensures low feedback and can be adapted to various applications using the Music/Speech controller. The integrated DSP-based power electronics supply the PR:O 115 XD2 with 1,200 watts of power. The cabinet volume, combined with the 15" speaker and the acoustic tuning, provides clearer depth and higher bass content. The built-in MultiGrips allow safe and comfortable handling and make professional rigging a breeze by simply installing the TB-45N or TB-45NQ tilt brackets on them.



PREMIUM PR:O D2 SUBWOOFERS

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PR:O 210 SUB D2

With its 600 watts of power, the active 2 x 10" woofer in a bass reflex cabinet generates impressive bass reproduction, powerful kick and surprising depth. Thanks to its stereo preamp and corresponding outputs, the subwoofer can be used in a whole host of applications. The two mid/high outputs and the adjustable frequency separation in the subwoofer mean that a 2.1 system, for example, can be created with ease, even with active tops that do not have their own filtering.

The extremely modest dimensions and flexible setup options, as well as a weight of just under 27.2 kg, are not only advantageous when it comes to transport and handling, but are also ideal for applications that require a small installation area.



PR:O 118 SUB D2

The 18" bass reflex subwoofer produces a deep and powerful bass foundation with its 1,200 watts of power.

This all-round subwoofer can be used for a wide variety of applications thanks to its stereo preamp and corresponding outputs. The classic setup can be implemented either as a half or full stack, and a 2.1 system can be created with ease thanks to the two mid/high outputs. The subwoofer takes care of the filtering required for this.

This means that tops that do not have their own filtering can even be connected. The required system crossover is already completely integrated in the PR:O 118 Sub D2.





PREMIUM PR:O D2 SYSTEM SUGGESTIONS



STEREO SYSTEM

2 x PR:O 112 FD2, 1 x Speaker Stand Add-On

Ideal for reproducing vocals and acoustic instruments or for small club gigs. The cabinet volume really shows its strengths when using the PR:O 115 FD2, thanks to the significantly greater and noticeable depth. No additional subwoofer is required for smaller events.

Up to 150 people*



2.1 SYSTEM

2 x PR:O 110 XD2, 1 x PR:O 210 SUB D2, 1 x Speaker Stand Add-On

Compact band, entertainer, club or DJ setup. Very flexible and powerful subwoofer. Tops can also be used alone.

Alternatively, the PR:O 118 Sub D2 provides an even more powerful bass response.

Up to 200 people*



HALF STACK SYSTEM WITH MONITORING

2 x PR:O 112 FD2, 2 x PR:O 118 Sub D2, 1 x Satellite Add-On

A powerful band or DJ setup for almost all styles. PR:O 112 FD2 tops can also be used for small gigs, either individually or with just one subwoofer. The PR:O 110 XD2, PR:O 112 XD2 or PR:O 115 XD2 make the perfect complement to this setup for stage monitoring in live use.

Up to 300 people*



FULL STACK SYSTEM

2x PR:O 115 FD2, 4x PR:O 118 SUB D2

The strongest Premium PR:O set-up. Powerful reproduction of all frequencies, for bands and DJs. Can be used flexibly for events of all sizes. The true all-rounder! Of course, another option is in a configuration with the PR:O 115 FD2 as tops. The PR:O 110 XD2, PR:O 112 XD2 or PR:O 115 XD2 make the perfect complement to this setup for stage monitoring or as a front fill in live use.

The professional rigging hardware/installation hardware adds even more versatility, especially when it comes to rental, theatre and concert stages or fixed installations.

Up to 400 people*

*A note on audience size: these are suggestions, rather than recommendations, meaning these numbers are more for your general orientation. The actual coverage will depend on the room's size, layout, appointments and furnishings, as well as the area you want to cover and the sound pressure levels you wish to achieve.





ACCESSORIES

Flying bracket

TB-45N

The TB-45N is a tilt bracket for mounting speaker cabinets on truss rods, ceilings, wall brackets, beams and on tripods. Flexible vertical and horizontal alignment is possible. Fits PR:O 112 FD2, PR:O 115 FD2 and PR:O 115 XD2.

TB-45NQ

The TB-45NQ is a tilt bracket with quick-release pins for mounting speaker cabinets on truss rods, ceilings, wall brackets, beams and on tripods. Quick mounting on the box is guaranteed thanks to the ball lock pins. Flexible vertical and horizontal alignment is possible. Fits PR:O 112 FD2, PR:O 115 FD2 and PR:O 115 XD2.



Protective Covers

Made of extremely tear-resistant nylon, these thickly padded covers afford excellent protection for the PA en route to and from gigs. With slots providing easy access to the handles of all the cabinets, the enclosures may be carried with the covers on.



Satellite Add-On M20 XLR

A special accessory kit for deploying satellite speakers and subwoofers on M20 poles, the Satellite Add-On Package includes two steel mounting poles and two signal cables for XLR connectors, all packed away neatly in a nylon carrying bag.



Speaker Stand Add-On

The Speaker Stand Add-On Package includes two aluminium tripods and two signal cables for XLR connectors, all packed away neatly in a nylon carrying bag.



AP-8 attachment points

AP-8 attachment points for installing PR:O 110 XD2 and PR:O 112 XD2 models using chains or steel cables.



TECHNICAL DATA

PREMIUM PR:O D2

Model	PR:O 110 XD2	PR:O 112 FD2	PR:O 112 XD2	PR:O 115 FD2	PR:O 115 XD2	PR:O 118 SUB D2	PR:O 210 SUB D2
Max. SPL @ 10% THD	122 dB half space	124 dB half space	124 dB half space	125 dB half space	125 dB half space	126 dB half space	123 dB half space
Max. SPL Peak @ 10% THD	131 dB half space	132 dB half space	132 dB half space	130 dB half space	130 dB half space	127 dB half space	126 dB half space
Max SPL calculated	133 dB half space	133 dB half space	133 dB half space	133 dB half space	133 dB half space	130 dB half space	129 dB half space
Frequency response +/- 3 dB	81 Hz – 16 kHz	72 Hz – 16 kHz	80 Hz – 16 kHz	60 Hz – 16 kHz	61 Hz – 16 kHz	45 Hz – X-over	60 Hz – 150 Hz
Frequency response -10 dB	69 Hz – 18 kHz	62 Hz – 18 kHz	69 Hz – 18 kHz	54 Hz – 18 kHz	57 Hz – 18 kHz	36 Hz – X-over	40 Hz – 150 Hz
Amplifier output (Peak Power)	1200 W	1200 W	1200 W	1200 W	1200 W	1200 W	600 W
Amplifier type	Class D – bi-amped	Class D – bi-amped	Class D – bi-amped	Class D – bi-amped	Class D – bi-amped	Class D	Class D
Active protection circuits	Peak and RMS sound limiter (separated for HF and LMF)	Peak and RMS sound limiter (separated for HF and LMF)	Peak and RMS sound limiter (separated for HF and LMF)	Peak and RMS sound limiter (separated for HF and LMF)	Peak and RMS sound limiter (separated for HF and LMF)	Subsonic filter, peak limiter	Subsonic filter, peak limiter
Bass speaker	-	-	-	-	-	1× 18", 3" voice coil	2× 10", 2" voice coil
Low/mid-range speaker	1× 10", 2" voice coil	1× 12", 2" voice coil	1× 12", 2" voice coil	1× 15", 2.5" voice coil	1× 15", 2.5" voice coil	-	-
HF Driver	1", 1" voice coil	1", 1" voice coil	1", 1" voice coil	1", 1" voice coil	1", 1" voice coil	-	-
Horn characteristics	90° × 55° CD horn	90° × 55° CD horn	90° × 55° CD horn	90° × 55° CD horn	90° × 55° CD horn	-	-
Crossover frequency active	2.5 kHz FIR X-over with 48 dB/oct.	2.5 kHz FIR X-over with 48 dB/oct.	2.5 kHz FIR X-over with 48 dB/oct.	2.5 kHz FIR X-over with 48 dB/oct.	2.5 kHz FIR X-over with 48 dB/oct.	Selectable between 75 Hz and 150 Hz	Selectable between 75 Hz and 150 Hz
Audio connectors in	1× XLR/jack combo balanced	1× XLR/jack combo balanced	1× XLR/jack combo balanced	1× XLR/jack combo balanced	1× XLR/jack combo balanced	2× XLR/jack combo balanced	2× XLR/jack combo balanced
Audio connectors out	1× XLR thru bal.	1× XLR thru bal.	1× XLR thru bal.	1× XLR thru bal.	1× XLR thru bal.	2× XLR L/R Out Mid/High bal., 2× XLR thru bal.	2× XLR L/R Out Mid/High bal., 2× XLR thru bal.
Sensitivity switch	Mic/Line	Mic/Line	Mic/Line	Mic/Line	Mic/Line	-	-
Tone control	Tone controller (Music/Speech)	Tone controller (Music/Speech)	Tone controller (Music/Speech)	Tone controller (Music/Speech)	Tone controller (Music/Speech)	-	-
Filter presets	Flat/Boost	Flat/Boost	Flat/Boost	Flat/Boost	Flat/Boost	-	-
Setup angle	35°	-	33°	-	42°	-	-
Pole mount	DuoTilt 3°/7°	DuoTilt 3°/7°	DuoTilt 3°/7°	DuoTilt 3°/7°	DuoTilt 3°/7°	1× M20	2× M20
Rigging points	3× M8 (AP-8)	-	3× M8 (AP-8)	-	-	-	-
Carrying handles	1× SingleGrip	2× MultiGrip	1× SingleGrip, 1× MultiGrip	2× MultiGrip	2× MultiGrip	2× MultiGrip	2× MultiGrip
Housing	MDF	MDF	MDF	MDF	MDF	MDF	MDF
Surface	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel
Front grille	1.5 mm metal grille backed with black acoustic foam	1.5 mm metal grille backed with black acoustic foam	1.5 mm metal grille backed with black acoustic foam	1.5 mm metal grille backed with black acoustic foam	1.5 mm metal grille backed with black acoustic foam	2 mm metal grille backed with black acoustic foam	2 mm metal grille backed with black acoustic foam
Dimensions (W×H×D)	13-37/64 × 19-31/64 × 11-27/64"	15-61/64 × 23-7/16 × 14-37/64"	16-9/64 × 23-7/16 × 12-13/64"	18-32/64 × 24-51/64 × 16-15/16"	18-45/64 × 24-51/64 × 17-29/32"	20-55/64 × 24-13/32 × 25-13/64"	14-9/16 × 24-13/32 × 20-55/64"
	34.5 × 49.5 × 29 cm	40.5 × 59.5 × 37 cm	41 × 59.5 × 31 cm	47 × 63 × 43 cm	47.5 × 63 × 45.5 cm	53 × 62 × 64 cm	37 × 62 × 53 cm
Weight	14.0 kg / 30,9 lbs	20.2 kg / 44,5 lbs	17.9 kg / 39,5 lbs	25.7 kg / 56,7 lbs	24.9 kg / 54,9 lbs	39.8 kg / 87,8 lbs	27.2 kg / 60,0 lbs





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PREMIUM PR:O PASSIVE

If you are interested in the passive versions of our PREMIUM PR:O series, further information can be found in our passive brochure.

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