



THE SOUNDMAKERS

PREMIUM PR:0

PASSIVE

THE GERMAN AUDIO STANDARD >



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Do you have a power mixer or power amplifiers that have still got plenty of life left in them yet? Do you prefer a system with as few power cables as possible? Or perhaps you want to install your speakers so that the switches and controls of an active speaker would not be accessible? Then this brochure has exactly what you need. With a choice of eight models in the PREMIUM PR:0 Passive family, you are sure to discover the ideal solution for every type of application.

PREMIUM PR:0 Passive is synonymous with high-quality audio characteristics, a professional look, and reliability that is made in Germany and comes at an attractive price. And, with more than 200,000 units sold to date, it is an absolute audio standard throughout Germany and Europe.

The PREMIUM PR:0 series of passive cabinets presented in this brochure consists of six full-range models: the PR:0 8, PR:0 10 X, PR:0 12, PR:0 12 M, PR:0 15, and PR:0 15 X, and two subwoofers, the PR:0 210 S and the PR:0 18 S.

All information on the active models of the new PREMIUM PR:0 D2 series can be found in the brochure of the same name or on the website hkaudio.com





> **PREMIUM PR:0** *PASSIVE*





The PREMIUM PR:0 series of passive cabinets consists of six full-range models: the PR:0 8, PR:0 10 X, PR:0 12, PR:0 12 M, PR:0 15, and PR:0 15 X, and two subwoofers, the PR:0 210 S and the PR:0 18 S. Constructed in the tried-and-true way with real wood and featuring a classic timeless design, these cabinets offer quality made in Germany and deliver excellent live music performance. Equipped with M8 rigging points, the full-range models are easy to fly and therefore suitable even for acoustically challenging custom installations. They also render speech with amazing clarity.

There is a specially designed x-over integrated in the subwoofers which provides the correct frequencies to the mid/high units connected via the Satellite Out, thereby ensuring a clean separation without phase-shifting and striking the right balance between the mid/high unit and subwoofer. The system crossover also allows the subwoofer and mid/high unit to be operated with just one power amplifier channel. In systems, therefore, the recommended output of the power amplifier used depends on the subwoofer used. It is generally recommended to select a power amplifier output equal to or greater than the nominal power handling capacity (RMS, see technical data) of the cabinet to be driven to avoid distortion.

PREMIUM PR:O – PASSIVE MID/HIGH UNITS



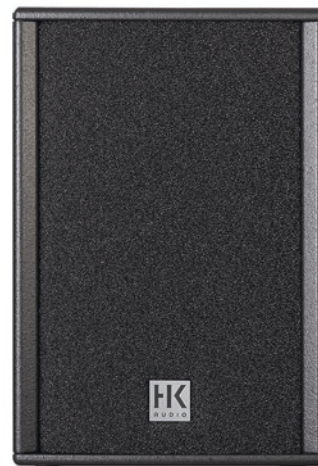
PR:O 8

This compact 8"/1" full-range cab delivers astonishing bass response and amazingly high SPL for its size. Its small footprint and included mounting hardware also make the PR:O 8 an excellent choice for effortless installation.



PR:O 10 X

This remarkably versatile 10"/1" cab can serve as a satellite, as a compact 10"/1" full-range unit, or as a low-profile stage monitor. Its finely balanced frequency response helps reduce feedback.



PR:O 12

A full-range speaker in the classic 12"/1" format, this cab features a balanced sonic image, excellent speech intelligibility and high SPL. It is also the perfect satellite for the PR:O 18 S.





PR:O 12 M

This high-quality 12"/1" stage monitor provides remarkably assertive voice and instrument reproduction in the 70 Hz to 19 kHz range.



PR:O 15

This cab's 15" woofer packs a bigger punch in the low midrange and bass frequencies than the PR:O 12 D's 12" speaker, so it is well suited for standalone deployment without a subwoofer.



PR:O 15 X

This multifunctional 15"/1" cabinet delivers rich low-end response and high SPL. Remarkably feedback-resistant and amazingly articulate, it also serves users well as a monitor.



PREMIUM PR:0 – PASSIVE SUBWOOFERS



PR:0 210 S

Featuring two 10" woofers in a bass reflex enclosure, this unit pumps out impressive low end with plenty of kick and surprising depth. Remarkably compact and weighing just 26 kg, this versatile unit may be placed upright or sideways. It is readily combined with mid/high units to configure a powerful yet unobtrusive and easy-to-use system that delivers outstanding performance.



PR:0 18 S

Sporting an 18" subwoofer in a bass reflex housing, this bass bin delivers a low-ranging foundation. The specially designed x-over provides the correct frequencies to the mid/high unit connected via the Satellite Out, thereby ensuring a clean separation without phase-shifting and striking the right balance between the mid/high unit and subwoofer.





PREMIUM PR:0 – PASSIVE SYSTEM SUGGESTIONS



STEREO SYSTEM

2 x PR:0 12
2 x tripod

Up to 150 people*
Recommended power amplifier output:
Stereo system: at least 2 x 400 watts at 8 ohm



HALF STACK SYSTEM 1

2 x PR:0 8
2 x PR:0 210 S
2 x mounting pole

Up to 250 people*
Recommended power amplifier output:
Stereo system: at least 2 x 500 watts at 8 ohm



HALF STACK SYSTEM 2

2 x PR:O 12
2 x PR:O 18 S
2 x mounting pole

Up to 300 people*
Recommended power amplifier output:
Half stack system 2: at least 2 x 500 watts at 4 ohm



MONITOR SYSTEM

4 x PR:O 10 X

Recommended power amplifier output:
Monitor system: 2 channels: 2 x 600 watts at 4 ohm
(with 2 PR:O 10 X per channel)
2 channels: 2 x 400 watts at 8 ohm
(with 2 x PR:O 12 M or
PR:O 15 X per channel)

*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

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 Speakon®

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



AP-8 attachment points

AP-8 attachment points for installing the passive models using chains or steel cables.







TECHNICAL DATA

PREMIUM PR:0 PASSIVE

Model	PR:0 8	PR:0 10 X	PR:0 12	PR:0 12 M	PR:0 15	PR:0 15 X	PR:0 18 S	PR:0 210 S
Power-handling nominal (RMS)	300 watts	300 watts	400 watts	400 watts	400 watts	400 watts	500 watts	500 watts
Power-handling, program	600 watts	600 watts	800 watts	800 watts	800 watts	800 watts	1.000 watts	1.000 watts
Power-handling, peak	1.200 watts	1.200 watts	1.200 watts	1.200 watts	1.200 watts	1.200 watts	1.500 watts	1.500 watts
Nominal impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	4 ohms	4 ohms
Max SPL	122 dB half space (@10% THD)	126 dB half space (@10% THD)	128 dB half space (@10% THD)	128 dB half space (@10% THD)	128 dB half space (@10% THD)	128 dB half space (@10% THD)	128 dB half space (@10% THD)	126 dB half space (@10% THD)
Sensitivity 1W/1m	91 dB half space	99 dB half space	104 dB half space	104 dB half space	104 dB half space	104 dB half space	104 dB half space	101 dB half space
Frequency response +/- 3 dB	89 Hz - 19 kHz	95 Hz - 19 kHz	68 Hz - 19 kHz	70 Hz - 19 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz	48 Hz - X-over	60 Hz - X-over
Frequency response -10 dB	63 Hz - 19 kHz	80 Hz - 19 kHz	60 Hz - 19 kHz	63 Hz - 19 kHz	53 Hz - 20 kHz	53 Hz - 20 kHz	38 Hz - X-over	40 Hz - X-over
Bass speaker							1 x 18"	1 x 10"
Low/Mid Speaker	1 x 8"	1 x 10"	1 x 12"	1 x 12"	1 x 15"	1 x 15"		
HF Driver	1"	1"	1"	1"	1"	1"		
HF horn	80° x 80° CD horn	90° x 60° CD horn	60° x 40° CD horn	60° x 40° CD horn	60° x 40° CD horn	60° x 40° CD horn		
HF protection (passive)	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit		
Crossover frequency passive x-over	2.5 kHz, 12 dB/oct.	2.2 kHz, 12 dB/oct.	2.2 kHz, 12 dB/oct.	2.3 kHz, 12 dB/oct.	2.2 kHz, 12 dB/oct.	2.2 kHz, 12 dB/oct.	150 Hz, 12 dB/oct.	150 Hz, 12 dB/oct.
Connections	2 x Speakon NL4	2 x Speakon NL4	2 x Speakon NL4	2 x Speakon NL4	2 x Speakon NL4	2 x Speakon NL4	2 x Speakon NL4	2 x Speakon NL4
Setup angle		35°		32°		42°		
Pole mount	MonoTilt 3°	DuoTilt 3/7	DuoTilt 3/7		DuoTilt 3/7	DuoTilt 3/7	1x M20	2x M20
Rigging points	3x M8	3x M8	3x M8		3x M8	3x M8		
Carrying handles		1, integrated	2, integrated	1, integrated	2, integrated	2, integrated	2, integrated	2, integrated
Casters							optional 100 mm	
Housing	MDF	MDF	MDF	MDF	MDF	MDF	MDF	MDF
Front grille	metal grille with black acoustic foam	metal grille with black acoustic foam	metal grille with black acoustic foam	metal grille with black acoustic foam	metal grille with black acoustic foam	metal grille with black acoustic foam	metal grille with black acoustic foam	metal grille with black acoustic foam
Surface	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel	Black acrylic enamel
Optional accessories	Protective cover, Satellite Add-On M20, Adjustable pole M20	Protective cover, Satellite Add-On M20, Adjustable pole M20	Protective cover, Satellite Add-On M20, Adjustable pole M20	Protective cover	Protective cover, Satellite Add-On M20, Adjustable pole M20	Protective cover, Satellite Add-On M20, Adjustable pole M20	Protective cover, Satellite Add-On M20, Adjustable pole M20	Protective cover, Satellite Add-On M20, Adjustable pole M20
Dimensions (WxHxD)	27 x 42 x 27 cm	32 x 48.5 x 30 cm	40.5 x 59 x 37 cm	39 x 55.5 x 38 cm	47 x 62.5 x 43 cm	47 x 62.5 x 45.5 cm	53 x 61 x 64 cm	36 x 61 x 53 cm
Weight	9.7 kg / 21.4 lbs	12.5 kg / 27.6 lbs	18.2 kg / 40.1 lbs	16.3 kg / 35.9 lbs	22.6 kg / 49.8 lbs	21.4 kg / 47.2 lbs	39.8 kg / 87.7 lbs	25.9 kg / 57.1 lbs



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