PREMIUM PR:O



Time to go Pro

Honest Speakers for Honest Musicians:
It‘s Time to Go PR:O. With Premium PR:O

PREMIUM PR:O

The PREMIUM PR:O series' best-in-class acoustic properties and features set standards for others to follow. Its remarkably linear frequency response, precise attack and decay, and tremendous sound pressure certainly raise the performance bar. The audio image remains transparent, homogeneous and remarkably articulate across a very wide dynamic range. All PREMIUM PR:O models come in rugged, road-worthy wood cabinets. They not only deliver a stable sonic image, but also stand up to the wear and tear of life on the road. And the second generation PTC™ provides reliable protection for high-frequency drivers.

Just 1.5 kg heavier than their passive siblings, the active models ship with easy-to-use electronic circuitry including a 600-watt, Class-D power amp. The powered and passive versions' acoustical properties are compatible so the two are easily combined. All mid/high units may be used as standalone fullrange cabs and in combination with PR:O 18 and PR:O 210 SUB subwoofers.





PR:O 8
PR:O 8 A

This 8"/1" fullrange enclosure delivers awesome bass response and exceptionally high SPL for its size. Its manageable format and included mounting hardware (PR:O 8 A only) also make it an excellent choice for expedient permanent installation. The active PR:O 8 A model comes with power circuitry that delivers 600W RMS and a Speakon port that accepts an added passive cab.



PR:O 10 X
PR:O 10 XA

This remarkably versatile 10"/1" enclosure can serve as a satellite, a fullrange cabinet, and a low-profile wedge monitor. The Music/Speech knob adjusts its finely balanced —and therefore feedback-resistant—frequency response to suit very different applications. The PR:O 10 XA also features an onboard power amp and a Speakon port for connecting a passive add-on cab.



PR:O 12
PR:O 12 A

A fullrange enclosure in classic 12"/1" format, this cab's balanced sonic image, speech intelligibility and high SPL are impressive indeed. It is the perfect satellite for the PR:O 18 Sub. The PR:O 12 A also features 600W RMS power electronics and a Speakon port for connecting a passive auxiliary cabinet.



PR:O 12 M
PR:O 12 MA

This high-quality 12"/1" stage monitor provides remarkably assertive reinforcement for voices and instruments. The active PR:O 12 MA also sports a 600W RMS power amp and a Speaker Out for another passive monitor cabinet, so setting up a large monitoring system is easily and affordably done.



PR:O 15
PR:O 15 A

Sporting a 15" woofer, this cab delivers performance on par with the PR:O 12, but with even more muscular low-midrange and bass response. And that makes it a great choice for standalone deployment without a subwoofer. The active PR:O 15 A model also features a 600W RMS power amp and a Speakon port that accepts a passive add-on cab.



PR:O 15 X
PR:O 15 XA

This multifunctional 15"/1" cabinet delivers powerful low-end response and high SPL. Remarkably feedback resistant and amazingly articulate, it will also serve you well as a monitor. The active PR:O 15 XA model ships with 600W RMS power circuitry and a Speakon port to connect a passive auxiliary cabinet.



PR:O 210 SUB
PR:O 210 SUB A

Housed in a bass reflex enclosure, the two 10" woofers pack a powerful punch and deliver low-ranging bass response that is sure to impress and amaze. Remarkably compact, versatile and light at less than 26 kg, it is readily combined with mid/ high units to deliver outstanding performance as a system. Setting up and operating such a powerful yet inconspicuous rig is a piece of cake.



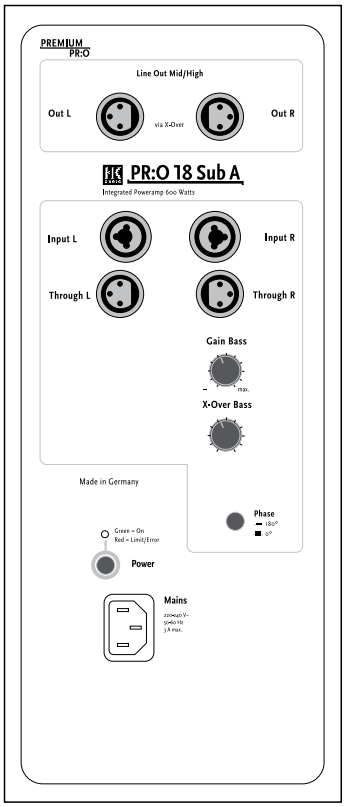
PR:O 18 SUB
PR:O 18 SUB A

Boasting an 18" woofer in a bass reflex housing, this bin delivers a low-ranging bass foundation. The specially designed active stereo x-over routes the right frequency spectrum to the mid/ high unit connected via the Satellite Out. The active PR:O 18 Sub A model also ships with a 600W RMS power amp and a port for active satellites.

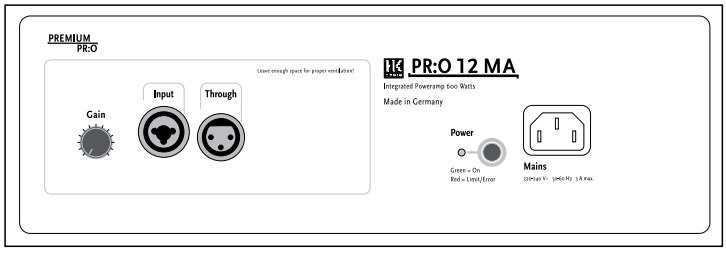




The satellite's panel
(PR:O 8 A, PR:O 10 XA, PR:O 12 A,
PR:O 15 A, PR:O 15 XA)

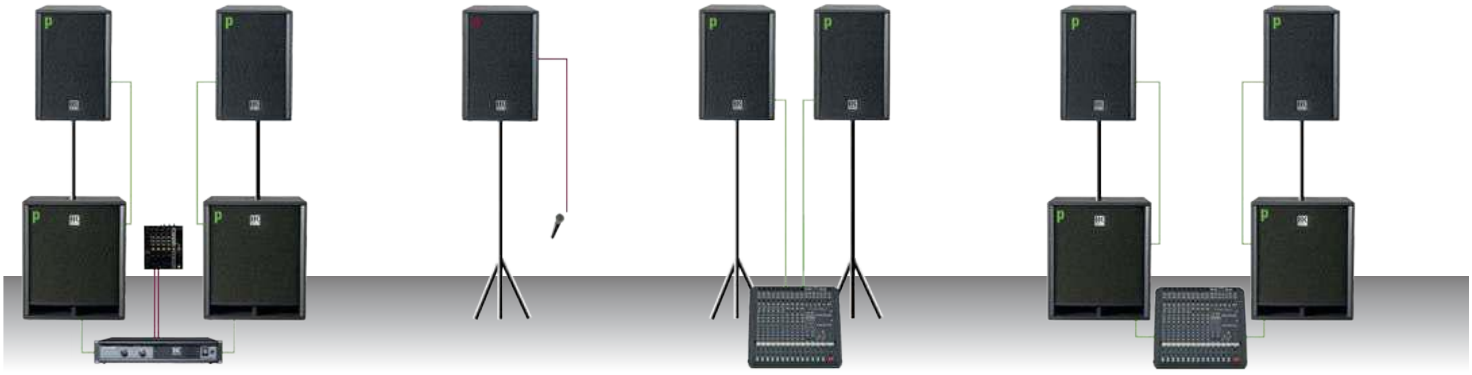


The subwoofer's panel
(PR:O 210 Sub A, PR:O 18 Sub A)



The PR:O 12 MA monitor's panel

Configurations







p = passive speaker
a = active speaker

speaker cable
signal cable



Accessories



PREMIUM PR:O

Rain Gear

With these protective covers in place, your cabinets will be ready to withstand the damp outdoors and well-protected on the way to gigs. Simply leave the covers on if the weather takes a turn for the worse. Rather than dampening the sound, the acoustic fleece merely keeps the dampness out.



HK AUDIO

Protective Covers

Made of water-repellent, 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. Zip-fasteners fully seal the covers for mid/high units.



HK Audio

Satellite Add-On M20 Speakon

The Satellite Add-On Package comes with two aluminum speaker poles and two 3m speaker cables equipped with Speakon connectors, all in a nylon carrying bag.

Technical Specifications

Active	PR:0 8 A	PR:0 10 XA	PR:0 12 A	PR:0 12 MA	PR:0 15 A	PR:0 15 XA	PR:0 210 Sub A	PR:0 18 Sub A
Frequency response +/- 3 dB	89 Hz – 19 kHz	89 Hz – 19 kHz	85 Hz – 19 kHz	85 Hz – 19 kHz	55 Hz – 19 kHz	55 Hz – 19 kHz	60 Hz – X-Over	48 Hz – X-Over
Frequency response -10 dB	63 Hz – 19 kHz	67 Hz – 19 kHz	78 Hz – 19 kHz	78 Hz – 19 kHz	48 Hz – 19 kHz	48 Hz – 19 kHz	40 Hz – X-Over	38 Hz – X-Over
Max SPL @ 10% THD*	118 dB	121 dB	123 dB	123 dB	123 dB	123 dB	123 dB	125 dB
Power amp	Class-D	Class-D	Class-D	Class-D	Class-D	Class-D	Class-D	Class-D
Power output	600 W @ 4 Ω	600 W @ 4 Ω	600 W @ 4 Ω	600 W @ 4 Ω	600 W @ 4 Ω	600 W @ 4 Ω	600 W @ 4 Ω	600 W @ 4 Ω
Protective circuits, power amp	RMS limiter	RMS limiter	RMS limiter	RMS limiter	RMS limiter	RMS limiter	RMS limiter	RMS limiter
Protective circuits, power amp	Dynamic HF protect, 35-Hz subsonic filter, peak limiter	Dynamic HF protect, 35-Hz subsonic filter, peak limiter	Dynamic HF protect, 35-Hz subsonic filter, peak limiter	Dynamic HF protect, 35-Hz subsonic filter, peak limiter	Dynamic HF protect, 35-Hz subsonic filter, peak limiter	Dynamic HF protect, 35-Hz subsonic filter, peak limiter	35-Hz subsonic filter, peak limiter	35-Hz subsonic filter, peak limiter
Audio ports	1 x balanced Mic/ Line In 1 x XLR-Through 1 x Speakon Parallel Out	1 x balanced Mic/ Line In 1 x XLR-Through 1 x Speakon Parallel Out	1 x balanced Mic/ Line In 1 x XLR-Through 1 x Speakon Parallel Out	1 x balanced Mic/ Line In 1 x XLR-Through 1 x Speakon Parallel Out	1 x balanced Mic/ Line In 1 x XLR-Through 1 x Speakon Parallel Out	1 x balanced Mic/ Line In 1 x XLR-Through 1 x Speakon Parallel Out	2 x Line In 2 x XLR-Through 2 x XLR-Out (L/R, Mid/High) 1 x Speakon Parallel Out	2 x Line In 2 x XLR-Through 2 x XLR-Out (L/R, Mid/High) 1 x Speakon Parallel Out
Bass/Mid woofer	8"	10"	12"	12"	15"	15"	2 x 10"	18"
HF driver	1"	1"	1"	1"	1"	1"	-	-
Horn directivity	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	-	-
X-over frequency **	-	-	-	-	-	-	75 Hz – 150 Hz, switchable	75 Hz – 150 Hz, switchable
Equalizer	Tone Control	Tone Control	Tone Control	-	Tone Control	Tone Control	-	-
Pole mount	MonoTilt	DuoTilt 3°/7°	DuoTilt 3°/7°	-	DuoTilt 3°/7°	DuoTilt 3°/7°	2 x M20	M20
Rigging/ pick points	2 x M8	3 x M8	3 x M8	-	3 x M8	3 x M8	-	-
Accessories	Rain gear, protective cover, satellite add-on	Rain gear, protective cover, satellite add-on	Rain gear, protective cover, satellite add-on	Rain gear, protective cover, satellite add-on	Rain gear, protective cover, satellite add-on	Rain gear, protective cover, satellite add-on	Rain gear, protective cover, satellite add-on 100-mm casters	Rain gear, protective cover, satellite add-on 100-mm casters
Dimensions (W x H x D)	27 x 42 x 27 cm	32 x 48 x 29 cm	39 x 57 x 36 cm	39 x 55.5 x 38 cm	47 x 61.5 x 41.5 cm	47 x 61.5 x 44.5 cm	36 x 61 x 53 cm	53 x 61 x 64 cm
Weight	11 kg, 24.3 lbs	13.9 kg, 30.7 lbs	19.5 kg, 43 lbs	17.1 kg, 37.7 lbs	23.5 kg, 51.8 lbs	22.4 kg, 49.4 lbs	27.2 kg, 60 lbs	39.8 kg, 87.7 lbs

Passive	PR:0 8	PR:0 10 X	PR:0 12	PR:0 12 M	PR:0 15	PR:0 15 X	PR:0 210 S	PR:0 18 S
Frequency response +/- 3 dB	89 Hz – 19 kHz	95 Hz – 19 kHz	68 Hz – 19 kHz	70 Hz – 19 kHz	60 Hz – 19 kHz	60 Hz – 19 kHz	60 Hz – 150 Hz	48 Hz – 150 Hz
Frequency response -10 dB	63 Hz – 19 kHz	80 Hz – 19 kHz	60 Hz – 19 kHz	63 Hz – 19 kHz	53 Hz – 19 kHz	53 Hz – 19 kHz	40 Hz – 150 Hz	38 Hz – 150 Hz
Max SPL @ 10% THD*	122 dB	126 dB	128 dB	128 dB	128 dB	128 dB	126 dB	129 dB
Axial sensitivity 1 W@1m*	97 dB	99 dB	104 dB	104 dB	104 dB	104 dB	101 dB	104 dB
Power handling, peak	1,200 W	1,200 W	1,200 W	1,200 W	1,200 W	1,200 W	1,500 W	1,500 W
Power handling, program	600 W	600 W	800 W	800 W	800 W	800 W	1,000 W	1,000 W
Power handling, nom. (RMS)	300 W	300 W	400 W	400 W	400 W	400 W	500 W	500 W
Speakers								
Bass / Mid	8"	10"	12"	12"	15"	15"	2x 10"	18"
HF driver	1"	1"	1"	1"	1"	1"	-	-
Impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	4 Ω	4 Ω
HF protection (passive)	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	Dyn. protective circuit	-	-
Horn dispersion	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	-	-
X-over frequency	2.5 kHz,12 dB/oct.	2.2 kHz,12 dB/oct.	2 kHz,12 dB/oct.	2 kHz,12 dB/oct.	2 kHz,12 dB/oct.	2 kHz,12 dB/oct.	150 Hz,12 dB/oct.	150 Hz,12 dB/oct.
Connectors	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon
Angles up	-	30°	-	30°	-	45°		
Pole mount	Mono Tilt 3°	DuoTilt 3°/7°	DuoTilt 3°/7°	-	DuoTilt 3°/7°	DuoTilt 3°/7°	2 x M20	M20
Rigging/ pick points	3 x M8	3 x M8	3 x M8	-	3 x M8	3 x M8	-	-
Casters	-	-	-	-	-	-	-	Optional 100 mm
Dimensions (W x H x D)	27 x 42 x 27 cm	32 x 48 x 29 cm	39 x 57 x 36 cm	39 x 55.5 x 38 cm	47 x 61.5 x 41.5 cm	47 x 61.5 x 44.5 cm	36 x 61 x 53 cm	53 x 61 x 64 cm
Weight	10 kg, 22 lbs	12.9 kg, 28.4 lbs	18.5 kg, 40.8 lbs	16.1 kg, 35.5 lbs	22.5 kg, 49.6 lbs	21.4 kg, 47.1 lbs	25.9 kg, 57.1 lbs	40.6 kg, 89.5 lbs

Recommended power output: Use amps that deliver between 600 and 800 watts RMS per channel @ 4 ohms to drive PREMIUM PR:O enclosures. Ensure the amp's peak power output is at least 1,200 watts per channel @ 4 ohms to leave enough headroom for dynamic musical signals.

*) All measurements taken under half-space conditions.
**) Active x-over frequency at 24 dB/ octave