

REL

ACOUSTICS LTD



Carbon Special is a new limited availability model that combines our latest engineering with cutting edge components from our reference line, all housed in a moderately sized chassis. It features our third-generation carbon fibre 12" driver with a new, bespoke CSP passive driver that delivers 50% longer stroke, powered by our 1,000 watt amplifier, itself guided by our CS PerfectFilter™. An all new cabinet with highly polished metal and carbon fibre touches appears only in this model.

Where previous special editions have used existing cabinets, drivers and filters, Carbon Special uses many elements developed solely for Carbon Special. We employed our newest BlackWidow 12" (350mm) carbon fibre driver, developed to deliver superior dynamic balance throughout the full range of its considerable 4" (100mm) of fore-and-aft stroke. It is better able to handle, smoothly and effortlessly, the massive power needed to deliver

explosive dynamics. We mated it with our NextGen 5 1,000 watt amplifier which has proven to be both a sonic wonder and utterly reliable. Directing all this is a CS PerfectFilter, a custom-designed variant of our latest

evolution of filters that improves both ends of the spectrum. It delivers airy, delicate highs with greater reach into the nether regions within a soundstage, as well as truer, more powerful ultra-low bass delivery. If it sounds too good to be true, it almost is.

We didn't stop there. The cabinet extends deeper than previous mid-chassis designs to optimize performance for this new driver complement. And its looks are delivered in a refined, mature manner with subtle use of carbon fibre details sprinkled among chrome and polished stainless accents. We predict Carbon Special will become one of the highest demand ultra-high performance subwoofers of all time.

Carbon Special Specifications

Type:	Front-firing Active Woofer with Down-firing Passive Radiator
Active Drive Units:	12 in., 300mm Long-throw, Carbon Fibre Cone with inverted Carbon Fibre Centre Cap
Passive Radiator Down:	12 in., 300mm, Carbon/Carbon Flat Cone structure, Steel Chassis
LF Response in Room:	19Hz at -6 dB
Input Connectors:	High Level Neutrik Speakon, Left and Right Low Level RCA, LFE RCA, LFE XLR
Gain Control Range:	80 dB
Power Output:	800 watts (RMS)
Phase Switch:	Yes, 0 or 180 degrees
Amplifier Type:	Next Gen 5 Class D
REL AirShip Wireless capability:	Yes – REL AirShip System required, sold separately
Protection System	
Fully Electronic with SET-SAFE:	Yes
D.C. Fault:	Yes
Output Short:	Yes
Mains Input Voltage:	220-240 volts, 110-120 volts for certain markets
Fuses:	7 Amp semi delay 220 volts operation 15 Amp semi delay 120 volts operation
Dimensions (WHD):	Including feet and rear panel controls 17 x 18 x 21 1/4 in., (430 x 455 x 539mm) Add 1.75in (44.5mm) in depth when using a High Level connector
Net Weight:	85.3 lbs. (38.7 kg)
Shipping Weight:	94.8 lbs. (43 kg)
Finish:	Gloss Piano Black
Supplied Accessories	
Mains Lead:	Yes
Neutrik Speakon Interconnect:	Yes (10 Meters Nominal)
Users Manual:	Yes

In the interest of product development, REL Acoustics Limited reserve the right to vary these specifications without notice

