

features



SPIRIT

SMALL, STRONG, BLACK

Among KS systems, the SAT is one of the most successful - a concept that was developed more than 30 years ago, has often been copied and today represents the perfect example of a small PA system with active mono subwoofer. For many applications, our classic SAT, which has become steadily more efficient, is simply too powerful. This is why we created the SPIRIT for all those users who are looking for the sound of a good HiFi system, require the live audibility of a PA and whose audience usually consists of a few hundred people.

The mid-high range speakers are the CPD 08, self-powered systems that are unique in their compactness and transmission quality in the field of sound reinforcement of voice and music.



SPIRIT

The driver/ horn combination has an equally good frequency response up to 20kHz at all angles. The 8" low-mid range driver provides an extremely powerful ND drive unit and high power capacity. The cabinet features PU coated multiplex panels, equipped with flange adapter, threads, protective grille, hinged handle and vented ports on the rear side. The built-in controlled amplifier operates in active 2-way operation mode, the connections are on two parallel XLR F+M.

The active subwoofer of the SPIRIT is the CPD B2: a vented cabinet, equipped with two 10" speakers in push/pull operation mode with voice coils of 30mm (!) length. These 400W speakers even reproduce the lowest frequencies distortion-free.

The controlled amplifier is embedded in the woofer cabinet in such a way that an easily accessible front panel is formed on which the control elements do not protrude. This ensures efficient air circulation to both power stages (PWM mode), which corresponds to the request of many customers not to use active cooling to avoid disturbing fan noise. As in all KS systems, the cabinet construction is made of birch multiplex. Due to its new PU coating, it is tough on mechanical and chemical stress.

Recessed handles, M20 connector plate, rubber feet, protection grille and optionally acoustic front foam are further features of this premium product.

On request, we also provide custom enclosures with additional RAL coloring for permanent installation.



backviews



backview
CPD 08



backview
CPD B2

specifications

Specifications	SPIRIT
frequency response + / -3dB	46 – 20,000Hz
output SPL	132 dB peak
dispersion angle (horizontal x vertical in degrees)	90° x 60°
integrated amplifier / system controller type	build in PWM / D-MOS, DSP, monobass, delay
drivers	2x 10" + 2x 8"/1"
power in Wrms (AES standard)	800W + 2x 200Wrms
crossover frequency	110Hz + 1700Hz
input connectors	XLR3, powercon input (100/250VAC)
output connectors	XLR3
cabinet	birch plywood
grill	stainless steel honeycomb 6 sided + acoustic foam
finish	charcoal black polyurethane
dimensions (height x width x depth)	580 x 350 x 580mm + 400 x 240 x 280mm
weight (without options)	1x 30 kg + 2x 11 kg 1x 66.1 lbs + 2x 24.3 lbs
features	standflange, handles, mounting threads
options	heavy duty padded black cover

options

