

TECHNICAL DATA

THE BLACK SWAN PRO ACTIVE EXT

Ascendo
ELEVATE YOUR SOUND



Speaker Type	4" compression driver with proprietary elliptical horn and 1 x custom built 15" midwoofer
Principle	Vented
Passive Active	Active, 2Ch DSP + 2Ch Amplifier are required
Woofer	Custom built 15"
Tweeter	4" dome with an ultra-high-precision diaphragm-centering system and BEM-optimized 4-slot phase plug design (horn)
Recommended Amplifiers	1 x low-mid amp channels with 85 Vrms, 120 Vpk, 10.6 A; high 44 Vrms, 62 Vpk, 5.5 A; equivalent to 1 x LF 900 W @ 8 Ω, 1 x HF 240 W @ 8 Ω, with correct RMS & peak limiter settings
Recommended ASCENDO Amplifiers	DSP ULN2.2604 D
SPL (Half Space 2pi)	Calculated Data 125 dB (Cont.) / 132 dB (Peak) 120 dB @ 52 Hz 125 dB @ 60Hz
Frequency Range	Measured Data 55 Hz - 21 kHz
Impedance	8 Ω + 8 Ω
Directivity Horizontal x Vertical in deg°	80° x 45°
Input Terminal	Output terminal horn - Neutrik Speakon Input terminal horn - Neutrik Speakon Input terminal woofer - Neutrik Speakon



Enclosure	Internally braced birch ply and MDF	
Dimensions (W/H/D)mm (Without grille)	900 1385 580 (Height without feet: 1360)	
Dimensions (W/H/D)inch (Without grille)	35 3/7 54 1/2 22 5/6 (Height without feet: 53 1/2)	
Packing Dimensions (W/H/D)mm	980 690 580 1000 500 590	- Waveguide - Woofer
Packing Dimensions (W/H/D)inch	38 4/7 27 1/6 22 5/6 39 3/8 19 2/3 23 2/9	- Waveguide - Woofer
Weight	36.38 lbs 16.5 kg 114.64 lbs 52 kg	- Waveguide - Woofer
Gross Weight	57.32 lbs 26 kg 131.18 lbs 59.5 kg	- Waveguide - Woofer
Finish	Woofer unit Horn	- Structural paint black - Black matte
Mounting	Floorstanding with feet	

The THE BLACK SWAN PRO ACTIVE EXT is supplied with a front cover as standard



Technical modifications subject to change without further notice | Technische Änderungen vorbehalten