

HAWK 2:1 SUB

TRACTION

SELF POWERED 12" SUB WITH OUTPUTS
TO DRIVE TOPS AND SLAVE SUB



The Hawk 2.1 Sub is a self-powered low frequency loudspeaker featuring a 12" (320mm) transducer with a 3" (76mm) voice coil. It has a large flared port to give laminar flow and maximize acoustic output.

This self-powered cabinet features a Class-D amplifier. It has Power Factor Correction to reduce energy consumption. Worldwide use is possible with an AC input operating range is 100-240 V AC @ 50-60Hz.

There are slave outputs that power up to four Hawk 8 cabinets and an additional Hawk Solo 12. Slave connection is provided with Neutrik® NL4 SpeakON™ sockets. Input connection is via a stereo pair of XLR sockets and power is provided with a Neutrik® PowerCON™ socket.

Optimized DSP is provided to suit the recommended slave loudspeakers. It features Peak and RMS limiters to ensure a reliable system. The bass can be trimmed by 3dB increments at a touch of a button.

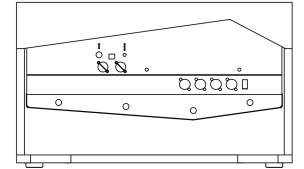
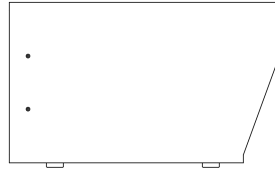
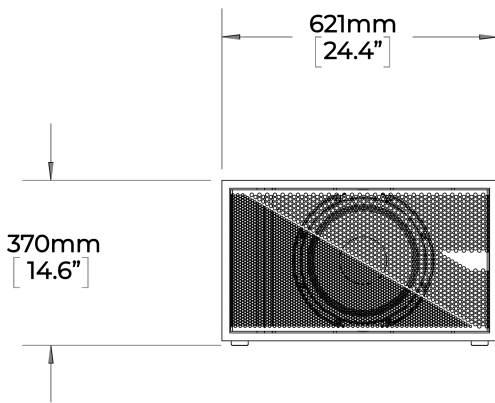
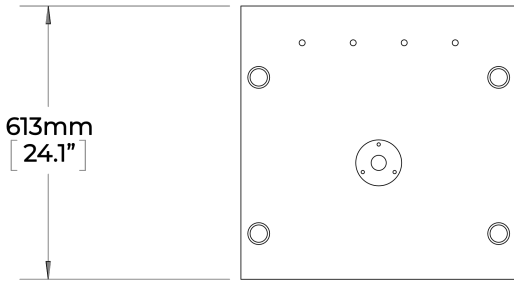
Construction is from 18mm Birch Ply that is sourced from sustainable and managed woodland. The cabinet is finished in textured polyurea. The driver is protected by a heavy duty 14 Gauge (2mm) steel grill.

For secure stacking, rubber feet are provided on the bottom of the cabinet with corresponding recesses on the top of the cabinet. There is a M20 pole mount on the top of the cabinet. On the rear of the cabinet is a recessed handle which combined with the front lip allow for easy handling.

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Type	Powered Direct Radiating Subwoofer	
Frequency Response (1)	41Hz - 100Hz +/-3dB	
Driver	12" (320mm) / 3" (76mm) voice coil, Neodymium magnet	
Maximum SPL (2)	124dB Cont. 130dB Peak	
Audio Input	Connectors	Stereo XLR Input
	Audio Input Impedance	10kΩ balanced
	Maximum Analogue Input Level	8V / +20dBu
Audio Output	Connectors	Stereo SpeakON plus Mono Sub SpeakON
	Companion Speaker for Stereo Output	Hawk 8
	Companion Speaker for Mono Sub Output	Hawk Solo 12
Internal Processing	DSP Overview	Optimized for Traction Sound loudspeakers
	S/N Ratio (analogue-to-analogue)	>113 dB
	THD+N	<0.02% (20Hz - 20 kHz)
Amplifier Module	Type	Switched Mode / Class D
	Continuous Output Power	2200W
	Maximum Ambient Temperature	35° C (95°F)
Power Supply	Type	Universal input, regulated Switched Mode with PFC
	Ac Input Operating Range	100-240V AC @ 50-60Hz
	Power Requirements	7 Amps
	Power Factor	> 0.9 @ 4Ω full power
Dispersion (-6dB)	Omnidirectional	
Enclosure	3/4" (18mm) Birch Ply	
Finish	Black or White Textured Polyurea	
Protective Grill	14 Gauge (2mm) steel grill	
Fittings	M20 Pole Mount, 4x Rubber Feet	
Dimensions (WxHxD)	621mm x 370mm x 613mm, 24.4" x 14.6" x 24.1"	
Weight	31.5kg, 69.5 lbs	

Notes

(1) Measured on axis in half (2pi) space at two meters and referred to 1 meter

(2) Calculated at 1 meter.