

# ASW 12CM

# B&W

Bowers & Wilkins



The ASW 12 CM adds yet another dimension to bass performance in a quality home theater system. It is very similar in design to the ASW10, but features a 12-inch Kevlar® / paper cone with a long-throw driver in a larger enclosure with a higher power amplifier, to obtain deeper bass and higher output capability. The voice coil utilizes a large 3-inch assembly to easily accommodate the high internal temperatures associated with powerful explosions during action scenes, while the dual suspension maintains cone alignment and lowers distortion. The driver chassis is a rigid diecast metal to prevent flexing under stress and further lower distortion.

The ASW 12 CM amplifier delivers plenty of power with its innovative 500-watt Class D design and can easily fill very large rooms with earthshaking bass, yet offers all the control necessary for tuneful music playback. The internal crossover incorporates a three-position switch to tune the subwoofer for the best performance in any room. “A” position provides 18 Hz, while “B” delivers 23 Hz, and “C” gives 28 Hz, all at -6dB. The crossover points can be adjusted from 40 Hz – 140 Hz.

<b>Description</b>	Active closed-box subwoofer system
<b>Drive unit</b>	ø300mm (12 in) paper/Kevlar® cone long-throw driver 76mm (3 in) dia voice coil - dual suspension diecast chassis
<b>Frequency range</b>	-6dB at 18Hz and 25/140Hz adjustable (EQ at A)
<b>Frequency response</b>	±3dB 25Hz – 40/140Hz adjustable (EQ at A)
<b>Base Extension</b>	-6dB at 18Hz (position A) -6dB at 23Hz (position B) -6dB at 28Hz (position C)
<b>Low-pass filter</b>	Active 4th-order, variable cut-off frequency

<b>Amplifier</b>	Power output: 500W Rated power consumption: 94W Standby power consumption: 0.8W Idle (ON no signal) 11.8W Input impedance: 33kΩ Signal / noise: >80dB Functions: Input level (line in) Input level (speaker in) Low-pass filter frequency Low-pass filter bypass (line in only) Bass extension Bass roll-off alignment Auto sense on/standby Phase switch Inputs: Line In (RCA Phono) Speaker in (Binding post) 12V trigger (3.5mm jack)
<b>Dimensions</b>	Height: 395mm (15.5 in) not including feet Width: 395 mm (15.5 in) Depth: 432mm (17.0 in) including grille and controls
<b>Net weight</b>	24.5kg (54 lb)
<b>Finish</b>	Gloss Black

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