



**B&W**

**800 ACTIVE SUBWOOFER**

**LISTEN AND YOU'LL SEE**



The 800 Active Subwoofer adds an extra bass dimension to the B&W range of monitor systems.

When it's used in a Home Cinema system it will deliver realism and depth; a full, rich sound you can actually feel as well as hear.

## L I S T E N   A N D   Y O U ' L L   S E E

Through its entire history, the B&W commitment has been singular, ruthless and clear; to aim for absolute perfection in sound reproduction.

This quest has never been compromised.

It was inspired by founder and engineering design genius John Bowers whose personal inspiration was simple. Music.

Music as intended.

Music faithfully and honestly reproduced.

Transparent music.

Music heard as played.

Such passionate commitment meant that B&W would inevitably be a frontier company, investing hugely in research. The fruits have been some of the most notable achievements in the history of recorded sound:

The 801 is a benchmark speaker, and still regarded by many as the finest in the world.

The recent and simply awesome Nautilus may just prove itself the best of all time.

B&W research laboratories also invented Matrix™, the unique bracing system which virtually eliminates panel resonances and enhances the definition of stereo images.

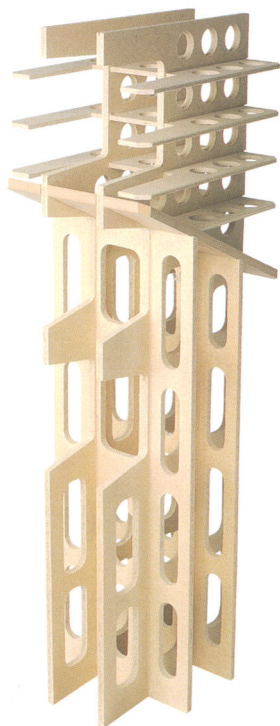
And it was B&W who patented the use of Kevlar® as a driver cone material.

Today over 80% of classical recordings in the world are monitored on B&W Loudspeakers.

Now, B&W is taking its expertise into the burgeoning home cinema market; voted "Best Home Theater Speaker 1994" by Video Magazine in the USA and "European Home Theatre Loudspeaker 1994/95" by the European Imaging and Sound Association.

Whenever you encounter a speaker bearing that simple B&W symbol, take a breath, sit down and switch on.

Listen and you'll see. It really is the only way to tell.





The 800 Active Subwoofer is designed to complement B&W speakers.

It contains a 12" Cobex driver, the same driver that forms part of the B&W THX Home Cinema System - ("Best Home Theater Speaker" - Video Magazine in the USA; "European Home Theatre Loudspeaker of the Year" - European Imaging and Sound Association).

The purpose-built 200W amplifier features "soft limiting" to prevent "hard clipping" and thereby permits higher volume levels without audible overload.

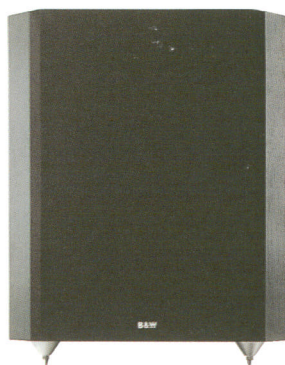
The 800 Active Subwoofer has a separate volume control and various filters which allow you to achieve the optimum blend with a wide range of satellite speakers of different sensitivities in different listening conditions.

Two sets of gold plated connectors permit input in two different ways; either from a pre-amplifier or integrated amplifier.

The 800 Active Subwoofer is magnetically shielded so that it can be placed close to a TV or video monitor without interference.

It has Matrix™ cabinet construction and is finished in Black Ash real wood veneer.

More significantly, it carries with it the B&W heritage; supreme quality, technical excellence and great great sound.



## 8 0 0   A C T I V E   S U B W O O F E R

**DESCRIPTION:** Active vented-box subwoofer system.

**DRIVE UNIT:** One 300mm (12in) dia long-throw with magnetic shielding.

**SYSTEM FREQUENCY RESPONSE:** 17Hz-40/135Hz adjustable.

**AMPLIFIER:** Discrete bridged MOSFET.

**Power Output:** 200W continuous.

**Input Impedance:** 22k $\Omega$ .

**Signal/Noise:** 106dB.

**Functions:** Auto on/standby.

Input level.

Low-pass filter frequency.

Low-pass filter in/out.

Phase 0°/180°.

**Inputs:** Line In (RCA Phono).

Speaker Level In (4mm binding posts).

**Outputs:** Line Out (RCA Phono).

Link Out (RCA Phono).

Speaker Level Out (4mm binding posts).

**LOW-PASS FILTER:** Active 2nd-order, variable cut-off frequency 40-135Hz.

**HIGH-PASS FILTER:** Low level: Active: 3rd-order at 90Hz.  
Speaker level: Passive: 1st-order at 80Hz into 8 $\Omega$  resistor  
(response using speaker level connections dependent on satellite system impedance).

**INTERNAL VOLUME:** 70 litres (2.5cu ft).

**DIMENSIONS:** Height: 508mm (20.0in).

**WIDTH:** 432mm (17.0in).

**DEPTH:** 580mm (22.8in).

**NET WEIGHT:** 33kg (73lb).

**FINISH:** Cabinet: Black Ash real wood veneer.

**GRILLE:** Black Cloth.

Kevlar is a registered trademark of Dupont.

Matrix is a registered trademark of B&W Loudspeakers Ltd.

B&W Loudspeakers Limited reserves the right to amend specifications without notice in line with



L I S T E N   A N D   Y O U ' L L   S E E

B&W Loudspeakers Limited, Meadow Road, Worthing, England, BN11 2RX. Telephone: +44 (0) 1903 820415. Fax: +44 (0) 1903 820419.  
B&W Loudspeakers of America, PO Box 8, Concord Street, North Reading, MA 01864-0008. Telephone: (508) 664-2870. 1-800-370-3740. Fax: (508) 664-4109.