

## Specifications

### Brighton BT36

Description: 3-Way, Triple 6.5" Drivers Tower Loudspeaker with DALtech Sound Damping  
Woofers: Dual 6.5" Woven Fiberglass Hybrid  
Midrange: 6.5" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Impedance: 8 Ohms  
Sensitivity: 92dB  
Power Handling: 250 Watts  
Frequency Response: 35Hz-20kHz  
Dimensions, mm (HWD): 1220 x 235 x 422mm (48" x 9 1/5" x 16 2/3")

### Brighton BT25

Description: 2-Way, Double 5.25" Driver Tower with DALtech Sound Damping  
Woofers: Dual 5.25" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Impedance: 8 Ohms  
Sensitivity: 90dB  
Power Handling: 150 Watts  
Frequency Response: 45Hz-20kHz  
Dimensions, mm (HWD): 850mm x 180mm x 222mm (33" x 7" x 9")

### Brighton B14

Description: 2-Way, 4" Driver Bookshelf  
Woofers: 4" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Impedance: 8 Ohms  
Sensitivity: 88dB  
Power Handling: 100 Watts  
Frequency Response: 60Hz-20kHz  
Accessories: Wall brackets included  
Dimensions, mm (HWD): 199mm x 153mm x 178mm (9 2/5" x 6" x 7")

### Brighton BC25

Description: 2-Way, 5.25" Driver Center Channel  
Woofers: 5.25" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Impedance: 8 Ohms  
Sensitivity: 88dB  
Power Handling: 125 Watts  
Frequency Response: 55Hz-20kHz  
Dimensions, mm (HWD): 191mm x 534mm x 138mm (7 1/2" x 21" x 8 4/5")

### Brighton BC26

Description: 3-Way, Dual 6.5" Driver Center Channel  
Woofers: 6.5" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Midrange: 3" Woven Fiberglass Hybrid  
Impedance: 8 Ohms  
Sensitivity: 90dB  
Power Handling: 200 Watts  
Frequency Response: 50Hz-20kHz  
Dimensions, mm (HWD): 215mm x 780mm x 230mm (8" x 31" x 9")

### Brighton SW8.3

Description: Triple 8" Powered Subwoofer  
Active Woofer: Front Firing 8" PolyCel woofer  
Passive Radiators: Dual 8" Side Firing Depth Drivers  
Enclosure Type: Sealed  
Amplifier Power: 125 Watts  
Frequency Response: 35Hz-150kHz  
Crossover Control: Electronic - Presets for Tower, Bookshelf and Micro/Satellite Speakers  
"LFE" setting for receiver crossover control.  
Volume Control: Variable Electronic  
Control Locations: Conveniently located on the top of the cabinet  
Dimensions, mm (HWD): 410mm x 400mm x 450mm (16" x 16" x 18")

### Brighton BT26

Description: 2.5 Way, Double 6.5" Driver Tower with DALtech Sound Damping  
Woofers: Dual 6.5" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Impedance: 8 Ohms  
Sensitivity: 91dB  
Power Handling: 200 Watts  
Frequency Response: 40Hz-20kHz  
Dimensions, mm (HWD): 970mm x 235mm x 346mm (38 1/5" x 9 1/5" x 13 3/5")

### Brighton B15

Description: 2-Way, 5.25" Driver Bookshelf  
Woofers: 5.25" Woven Fiberglass Hybrid  
Tweeter: 1" Polymer Integrated Soft Dome  
Impedance: 8 Ohms  
Sensitivity: 88dB  
Power Handling: 100 Watts  
Frequency Response: 55Hz-20kHz  
Accessories: Wall brackets included  
Dimensions, mm (HWD): 315mm x 185mm x 210mm (12 2/5" x 7 1/3" x 8 1/3")

### Brighton B3D

Description: 2-Way Bipolar Surround  
Full Range drivers: Two 3" Woven Fiberglass Hybrid  
Woofers: Four 3" Fiberglass Hybrid  
Impedance: 8 Ohms  
Sensitivity: 88dB  
Power Handling: 125 Watts  
Frequency Response: 100Hz-18kHz  
Accessories: Wall brackets included  
Dimensions, mm (HWD): 238mm x 260mm x 126mm (9 1/2" x 10 1/3" x 5 2/5")

### Brighton SW10.3

Description: Triple 10" Powered Subwoofer  
Active Woofer: Front Firing 10" PolyCel woofer  
Passive Radiators: Dual 10" Side Firing Depth Drivers  
Enclosure Type: Sealed  
Amplifier Power: 250 Watts  
Frequency Response: 30Hz-150kHz  
Crossover Control: Electronic - Presets for Tower, Bookshelf and Micro/Satellite Speakers  
"LFE" setting for receiver crossover control.  
Volume Control: Variable Electronic  
Control Locations: Conveniently located on the top of the cabinet  
Dimensions, mm (HWD): 460mm x 450mm x 500mm (18" x 16" x 20")

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*Brighton Series*

**Erikson**  
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## Sinclair Audio Brighton Series

The Brighton series will immediately impress with striking cosmetic design and stunning acoustic performance. Brighton loudspeakers feature luxurious black lacquer highlights and slimming, gently curved cabinet styling that instantly makes it the aesthetic highlight of any room. Sophisticated technology such as Woven Fiberglass Hybrid drivers equipped with phase plugs, Polymer Integrated Soft Dome tweeters fitted into proprietary dispersion enhancing faceplates, and DALtech damping systems create Brighton's detailed and dynamic sound.



## Brighton Series Loudspeaker Technology

### Polymer Integrated Soft Dome Tweeter

The Brighton series Polymer Integrated Soft Dome Tweeter feature strong magnets, ferrofluid and thermal protection to handle high power and maintain wonderful high frequency clarity. The tweeters are fitted into proprietary dispersion enhancing faceplates that has been shaped and contoured to spread high frequencies throughout the listening area to guarantee great sound from anywhere in the room.

### Woven Fiberglass Hybrid Woofer and Midranges

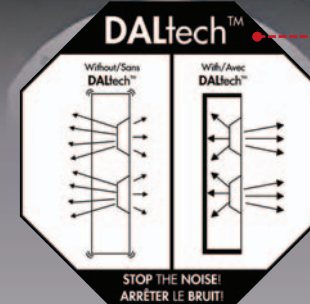
The new Woven Fiberglass Hybrid cone is a new driver material designed for tremendous bass response. Fiberglass possesses a wonderful strength to weight ratio, making it light enough to react quickly for a tight response, yet strong enough to maintain its shape during challenging passages so it's free of unwanted distortion. Fiberglass is processed, woven, formed into the desired shape and fitted to a natural fiber backing to result in the Woven Fiberglass Hybrid cone.

### Aluminum Phase Plug

The phase plug slows down the acoustic wave from the center of the cone so it's transmitted at the same time as the acoustic wave from the edge, which is marginally slower, for perfect sonic accuracy. It also reduces cone mass to permit an extended frequency response and allows more airflow through the motor structure which improves cooling, thus increasing power handling.

### DALtech Acoustic Damping (BT25, BT26, BT36)

Distortion occurs when a speaker resonates from the speaker's own energy, discoloring the desired sound and resulting in reduced sound quality. DALtech, which stands for Dead as Lead Technology, eliminates this distortion with the placement of DALtech acoustic damping material to strategic parts of the speaker cabinet, capturing and absorbing the unwanted resonances for pure, untainted speaker reproduction.



### Planar Depth Radiators

Sheets of thin resin bonded wood fibers are heat formed and pressurized into planar radiators and supported by dual surrounds located in front and behind the driver. Moved by the air pressure created within the sealed cabinet by the active PolyCel driver, they provides all the benefit of a tuned port without the associated noise caused by air turbulence.



### Control Module

Conveniently located on top of the subwoofer cabinet, it includes volume control and a selection of different bass effects designated with pictures of small, medium, and large speakers and the range of bass that will be reinforced by this setting.

