There’s a reason why they call it the movies. And it’s not just to do with what’s happening on screen. Cinema moves you. It transports you to other places: different times, faraway lands, alien worlds. It’s the language of emotions, of dreams.

Bowers & Wilkins knows a thing or two about dreams. After all, our company was founded on one. John Bowers always dreamed of building the perfect loudspeaker – one that brings the listener as close as possible to sound as it was recorded. That was our goal more than 40 years ago, and it remains so this day.

Cinema speaks in transformative experiences. It brings its audience so close to a dream of reality that, just for a moment, they feel as though they can reach out and touch it. At B&W, that’s a language we understand very well.

Even if you’ve never heard of James Newton Howard, you’ll be familiar with his music. One of Hollywood’s most sought after film composers, James has written unforgettable scores for films including Pretty Woman, The Sixth Sense and Peter Jackson’s fantasy epic King Kong, recorded using B&W 800 Series speakers. Find out more about James’ work and inspirations at the Society of Sound. Visit www.bowers-wilkins.com/sos
Where cinema sound is born

You're looking at the place where Hollywood puts music to movies. This is the control room of Skywalker Sound in Marin County California. It's one of the most advanced audio production facilities in the world, and probably the ultimate multi-channel listening environment. Naturally, it uses the world's ultimate reference speaker system, featuring B&W 800 Series speakers. For speakers capable of revealing cinema sound as it was meant to be heard, you can trust B&W. The people who make movies already do.
Imagine blasting into the Death Star with Luke Skywalker. Riding shotgun through the streets of San Francisco with Steve McQueen. Feeling Lauren Bacall’s breath on your cheek. The most thrilling cinema experiences do more than create an impression of reality – they make you feel like you’re there, right in the heart of the action. That’s exactly what happens with B&W Custom Theatre 800 speakers.

Our flagship CT800 range combines reference-standard power, clarity and control with a design that allows each speaker to be concealed in home theatre cabinetry. Once installed, the speakers are virtually invisible. What’s impossible to ignore is the sound. You’ll be experiencing everything from the roar of a jet engine to the subtlest creak of a staircase in breathtaking, three-dimensional detail. Welcome to the best home theatre system in town.

CT8 LR
At the heart of this front channel speaker is technology borrowed directly from our flagship 800 Series: twin Rohacell® bass drivers, a woven Kevlar® FST™ midrange driver and a metal dome high frequency driver. The spherical midrange/tweeter head can be angled for perfect alignment with the listening area.

CT8 CC
The CT8 CC centre speaker borrows its Nautilus™-inspired driver line-up from the CT8 LR front speaker. The same Rohacell® bass drivers, woven Kevlar® FST™ midrange driver and metal dome high frequency driver are employed, but arranged with the twin bass drivers positioned either side of the combined midrange and high-frequency adjustable pod.

CT8 SW
Used with each CT8 LR, this passive subwoofer is designed to extend the front channel speaker’s bandwidth down to 13Hz, perfectly reproducing low frequency signals without compromising dynamics and imaging. Closed box loading, a 15” Rohacell® driver and a 70-litre Matrix™-braced enclosure mean home theatre bass will never be quite the same again.

CT8 DS
To generate an authentically three-dimensional listening experience, the CT8 DS surround speaker handles both dipole and monopole surround dispersion. Along with a forward-firing Kevlar® FST™ midrange and metal dome high frequency drivers, the CT8 DS also carries side-facing Kevlar® midrange/high frequency drivers.

CT8 XO Mk2
The CT8 XO Mk2 is the conductor for the CT800 home theatre orchestra: an active crossover/equaliser providing all the necessary filtering and control functions to make sure that your system sings in perfect harmony.
Range and versatility. Qualities that all great screen performers have in common. The latest additions to the CT800 range are no exception. The CT8.4 LCRS packs advanced CT800 Series technology into a compact design that performs brilliantly in a variety of different configurations. When space is at a premium, it’s happy to stand in for its larger sibling, the CT8 DS side/rear channel speaker, within a CT800 set-up. It’s equally comfortable taking on more of a leading role, performing front, side and rear-channel duties in its own home theatre system.

The CT8.2 LCR takes the concept of flexibility even further, while maintaining Bowers & Wilkins’ un-compromising approach to sound quality. Its unique modular baffle design allows for it to be used as a LCR speaker in either vertical or horizontal positions. Both of these recent additions deliver the same three-dimensional listening experience as the rest of the CT800 range.

The CT8.2 LCRS takes the concept of flexibility even further, while maintaining Bowers & Wilkins’ un-compromising approach to sound quality. Its unique modular baffle design allows for it to be used as a LCR speaker in either vertical or horizontal positions. Both of these recent additions deliver the same three-dimensional listening experience as the rest of the CT800 range.

Perfect partner: for a home theatre system made up of CT8.4 LCRS and/or CT8.2 LCR speakers, the bass channel should be provided by one of our CT SW subwoofer models, such as the CT SW15 (shown right, not to scale).
Custom Theatre 700

The top of the range speaker offers unparalleled clarity combined with powerful low frequency effects thanks to a pair of whopping 8” paper/Kevlar® bass units and a dedicated Kevlar® FST®™ midrange.

The mid-point speaker in the range offers superior performance at lower frequencies through its single 7” Kevlar® bass/midrange unit.

The entry-level speaker delivers outstanding spaciousness, imaging and definition through its single 7” Kevlar® bass/midrange unit.

“IT can’t be done.” That was most people’s reaction when we said we wanted to bring a premium Custom Theatre sound system to market at an affordable price. At B&W, that’s exactly the sort of challenge we like.

Our CT700 range represents nothing less than a revolution in what’s possible in home theatre sound when space and budget are limited. The range incorporates pioneering technologies found in our most advanced speakers – innovations such as Kevlar® drive unit cones and Nautilus™ tube-loaded tweeters. It creates cinema sound more lifelike, more immersive, and more powerful that you would ever have imagined possible. And it brings you all this in compact design that can be adapted for many different home theatre environments, large or small.

With CT700 system, what you get is nothing less than the true cinema experience at home. Popcorn not included.

A CT700 home theatre system should be coupled with one of our CT SW subwoofers. Choose the size to fit your needs. (Not shown to scale)
Great bass can be the difference between hearing a film and really feeling it. For this kind of thrilling, physical impact that sets the adrenalin pumping and the blood racing, there's no substitute for a good subwoofer. So however big or small your custom theatre set-up, you'll be glad to know we've got the sub to match.

At the top end of the range, the CT8 SW is a dedicated sub designed specifically for the CT800 Series. For a CT700 system or a set-up featuring the CT8.4 LCRS or CT8.2 LCR in front, side and rear channels, you have the choice of one of our three CT SW subwoofer models. The CT SW subs boast an ultra-robust paper/Kevlar® cone, and come in either a 10, 12 or 15-inch size.

Used on their own within a multi-channel system, or daisy-chained together for maximum impact, each model provides the dynamics and control needed to handle the most powerful movie effects. All that's left for you to do is hang on to your seat.
We believe our Custom Theatre speaker ranges are the best cinema sound systems you’ll ever hear. That’s thanks to B&W technology and craftsmanship – innovations and techniques that have taken more than 40 years to develop, and that have come to influence how all speakers are designed.

Take apart our Custom Theatre speakers and you’ll find technology derived directly from reference speakers like the B&W 800 Series: speakers that are used as standard by the world’s most demanding recording studios. Because of these highly refined technologies, our speakers are equipped for subtlety as well as power: for capturing the emotional nuance in a voice as well as the impact of a car crash or an explosion.

We’ve put a lot into our Custom Theatre speakers. They may be the most sophisticated pieces of kit you’ll ever keep in a cupboard. And you won’t ever want to take them out.

The speakers in the CT800 range are a direct descendant of the 800 Series, shown here on the left. A combination of technological innovation and supreme craftsmanship, the 800 Series has become the reference speaker of choice for recording studios from Skywalker Sound in California to Abbey Road in London. Now, thanks to CT800, you can bring these same world leading technologies to your home theatre set-up.

Breaking the rules: B&W’s extraordinary Nautilus™ redefined how speakers could be designed and built.
With stand-alone hi-fi speakers, it’s simple to position them so that the sound travels in the direction you want it to. But what about in a Custom Theatre set-up, where your speakers are flat against a wall inside a cabinet with no space to manoeuvre? Not a problem, thanks to our ingenious adjustable head units.

The midrange and tweeter of the CT6 LR and CT8 CC speakers are contained within a single head unit, decoupled from the rest of the cabinet so that it can swivel in different directions. That means you can make sure that detailed treble effects are pointed directly towards your seating area, no matter how wide your screen or where your cabinets are positioned. The grilles on either side of the swivelhead help to remove any unwanted sound reflections from the edges of the recess in which the head is housed.
To get round high-frequency distortion and directivity problems common to home theatre speakers, we produced a tweeter of a kind that no-one has ever seen before. Driven by an aluminium ribbon coil and an oversized neodymium motor structure, the new, larger tweeter is one of the loudest in existence.

Some of our most innovative technologies take their inspiration from nature. For the body of our Nautilus® speaker, for example, we created a spiraling, conch-like form that drains away all unwanted excess sound from the rear of the driver, rather than letting it bounce noisily around inside the cabinet. The result? Almost zero coloration from the back of the speaker, and a much purer sound from the front.

For the Custom Theatre range we’ve taken this concept one step further. We replaced the single, long tube with a whirl of tightly-packed, smaller channels contained in a shallow cup, each of which absorbs a portion of unwanted sound energy from the back of the diaphragm. Even at frequencies well beyond human hearing, this tweeter sings like a bird.

You’ll rarely hear high frequencies captured with such startling precision as you will with our Custom Theatre speakers. That’s down to a radical rethink in tweeter design, combined with the clever adaptation of technologies first introduced in our most legendary hi-fi speaker to date: the trailblazing, convention-defying Nautilus™.
There’s nothing middling about this midrange. Whether it’s the use of Kevlar® in the cone, advanced FST™ technology, or a new and improved motor system, we’ve stopped at nothing to make sure this drive unit delivers unrivaled power, depth and clarity.

The ideal drive unit is one that works like a perfectly piston: moving back and forth on a fixed axis with as little distortion as possible. That is exactly what we’ve achieved with the Custom Theatre midrange. The unit is driven by an ultra-high-strength twin-magnet motor system, which gives the driver twice the power of the standard version while dramatically improving linearity.

Some things don’t change. It’s been 30 years since B&W first discovered that Kevlar® makes for ideal midrange cone material, snuffing out the concentric standing waves that blur the sound in conventional cones. Lending support is our fixed suspension transducer (FST™ for short), a ring of foam around the cone’s edge that soaks up bending waves and allows the cone to move even more freely and responsively.
Only a truly rigid driver will deliver the awe-inspiring impact that cinema bass effects demand. Custom Theatre bass drivers use a mushroom diaphragm construction that bonds the cone, dust cap and huge voice coil together in a single girder-like unit. It’s a formidable-looking set-up by anyone’s standards. And it has to be. The bass drivers in our Custom Theatre range are capable of generating physical forces so powerful that only the most solid construction and materials can withstand them. Combined with advanced technologies such as a Rohacell® cone and a four-inch carbon fibre voice coil, and you’ve got a driver capable of handling all the stress and pressure that movie sound can throw at it.

Bass cones must be as light as possible for maximum agility but absolutely rigid in order to retain their shape as they pump in and out. Rohacell® is a sophisticated composite construction made of a hard foam core sandwiched between carbon fibre skins. It’s the kind of material normally used for aircraft, racing cars and the bodies of racing cars. For speed, stiffness and unshakable bass, it’s the bottom line.
Sound with backbone demands a speaker with backbone. With speakers as powerful as these confined in walls and cupboards, it’s essential that each speaker is as rigid as possible to avoid any unwanted vibrations and resonances colouring the sound. Custom Theatre speakers are given the strength they need by B&W’s Matrix bracing system – an internal grid of interlocking cells. This indomitable skeleton – like that of a building – dissipates forces around the cabinet and creates a single rock-solid unit.
Two computer readouts show the results of test signals passed through a Custom Theatre set-up. Adjusting the frequency response helps remove unwanted resonances, demonstrated by the flatter peaks in the second readout.

Sound is affected by environment. This is particularly true of home theatre systems, where multiple speakers are used in different positions throughout a room. With so many variables affecting the detail of sound at bass frequencies, how can you be sure you’re always getting the most from your system? It’s simple, thanks to the CT8 XO Mk2 active bass management controller. The crossover features three independent parametric equalisers, giving engineers and installers complete control over every aspect of the system’s bass output. By running a test signal through the system after installation and adjusting the frequency response, any resonances can be ironed out. You’re left with a system that sounds smooth and perfectly formed, even if your theatre environment isn’t.
So, that’s it. Or is it? At B&W, the pursuit of perfect sound continues. For over 40 years, we’ve been dedicated to creating a loudspeaker that neither adds nor takes away from the recorded sound. It’s a passion. Thankfully, we’re not alone. There are others—musicians, technicians, critics, customers—who are as dedicated as we are. And now we’re coming together to share knowledge, insights and our love of sound. You can join this global network too, and get closer to your movies and music. Come to www.bowers-wilkins.com to find out more and to join the Society of Sound.
Technical features
Adjustable midrange/tweeter head
Nautilus™ tweeter
Kevlar® brand fibre cone FST™ midrange
Rohacell® cone bass units
Matrix cabinet
Active bass crossover

Description
3-way closed-box system

Drive units
1x ø32mm (1¼ in) aluminium dome high-frequency
1x ø150mm (6 in) woven Kevlar® cone FST™ midrange
2x ø250mm (10 in) carbon fibre/Rohacell® sandwich cone bass

Frequency range
-6dB at 23Hz and 40kHz

Frequency response
29Hz – 24kHz ±3dB on reference axis

Dispersion
Within 2dB of reference response
Horizontal: over 60º arc
Vertical: over 10º arc

Sensitivity
93dB spl (2.83V, 1m) (mf/hf)

Harmonic distortion
2nd and 3rd harmonics (90dB, 1m)
<1% 45Hz – 20kHz
<0.5% 55Hz – 20kHz

Nominal impedance
8 (minimum 4)

Crossover frequencies
300Hz, 4kHz

Recommended amplifier power
50W – 1000W into 8 on unclipped programme

Max. recommended cable impedance
0.1

Dimensions
Height: 1100mm (43.3 in)
Width: 325mm (12.8 in)
Depth: 550mm (21.65 in)

Net weight
85kg (187 lb)

Finishes
Cabinet: Black
Grille: Black cloth

Cabinet: Black
Grille: Black cloth

CT8 DS
Technical features
Dipole/monopole option with 12V trigger switching
Nautilus™ tweeter
Kevlar® brand fibre cone FST™ midrange
Rohacell® cone bass units
Matrix cabinet
Active crossover

Description
3-way monopole/2-way dipole selectable closed-box surround system

Drive units
1x ø32mm (1¼ in) aluminium dome high-frequency
6x ø100mm (4 in) midrange/high-frequency
1x ø150mm (6 in) woven Kevlar® cone FST™ midrange
2x ø250mm (10 in) carbon fibre/Rohacell® sandwich cone bass

Frequency range
-6dB at 26Hz and 40kHz (monopole mode)
-6dB at 26Hz and 22kHz (dipole mode)

Frequency response
31Hz – 22kHz ±3dB on reference axis (monopole mode)
31Hz – 18kHz ±3dB power averaged over front hemisphere (dipole mode)

Dispersion
Monopole mode: within 2dB of reference response
Horizontal: over 60º arc
Vertical: over 10º arc
Dipole mode: horizontal figure of eight Effective null zone ±30º (355Hz – 18kHz)

Sensitivity
93dB spl (2.83V, 1m)

Harmonic distortion
2nd and 3rd harmonics (90dB, 1m)
<1% 45Hz – 20kHz
<0.5% 55Hz – 20kHz

Nominal impedance
8 (minimum 4)

Crossover frequencies
300Hz and 4kHz (monopole mode)
300Hz (dipole mode)

Recommended amplifier power
50W – 1000W into 8 on unclipped programme

Max. recommended cable impedance
0.1

Dimensions
Height: 1100mm (43.3 in)
Width: 325mm (12.8 in)
Depth: 250mm (9.85 in)

Net weight
75kg (165 lb)

Finishes
Cabinet: Black
Grille: Black cloth

Cabinet: Black
Grille: Black cloth

CT8 SW
Technical features
Closed-box subwoofer
Rohacell® cone bass
Matrix cabinet
Active crossover

Description
Closed-box subwoofer with 12V trigger switching

Drive units
1x ø380mm (15 in) carbon fibre/Rohacell® sandwich cone bass

Frequency range
-6dB at 13Hz and 40Hz (using active crossover/equaliser)

Frequency response
18Hz – 22kHz ±3dB on reference axis (monopole mode)
18Hz – 18kHz ±3dB power averaged over front hemisphere (dipole mode)

Dispersion
Monopole mode: within 2dB of reference response
Horizontal: over 60º arc
Vertical: over 10º arc
Dipole mode: horizontal figure of eight Effective null zone ±30º (355Hz – 18kHz)

Sensitivity
90dB sp (2.83V, 1m)

Harmonic distortion
2nd and 3rd harmonics (90dB, 1m)
<1% 30Hz – 500Hz
<0.5% 45Hz – 300Hz

Nominal impedance
8 (minimum 4)

Crossover frequencies
40Hz

Recommended amplifier power
50W – 1000W into 8 on unclipped programme

Max. recommended cable impedance
0.1

Dimensions
Height: 475mm (18.7 in)
Width: 475mm (18.7 in)
Depth: 475mm (18.7 in)

Net weight
35kg (77 lb)

Finishes
Cabinet: Black

Cabinet: Black
Grille: Black cloth
**CT8 XO Mk2**

**Description**: CT800 system active bass management controller

**Functions**:
- Bass/midrange crossover
- Subwoofer/bass crossover
- Low-frequency roll-off alignment
- High-frequency roll-off alignment
- 3 adjustable low frequency parametric equalisers
- Subwoofer in/out
- Level adjustment for number of subwoofers
- 12V trigger switching for surround mode

**Inputs**:
- Line in (XLR)
- 12V trigger (3.5mm jack)

**Outputs**:
- MF/HF Line Out (XLR)
- LF Line Out (XLR)
- Subwoofer Line Out (2 x XLR)
- 12V trigger (3.5mm jack)

**Rated power consumption**:
- 20W

**Dimensions**:
- Height: 44.5mm (1.75 in) 1U
- Width: 483 mm (19 in)
- Depth: 155 mm (6.1 in)

**Net weight**:
- 3kg (6.6 lb)

**Finishes**:
- Front panel: Anodised Aluminium
- Chassis: Black

**Technical features**:
- Carbon fibre/Rohacell® bass unit cone
- Kevlar brand fibre FST™ midrange cone
- Speaker® and binding post connectors

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**CT8.4 LCRS**

**Description**:
- 3-way closed-box system

**Drive units**:
- 1 x ø32mm (1¼ in) tube loaded aluminium dome high-frequency tweeter
- 1 x ø150mm (6 in) woven Kevlar FST™ mid-range
- 1 x ø200mm (8 in) carbon fibre/Rohacell® sandwich cone bass

**Frequency range**:
- -6dB at 31Hz
- 39Hz – 24kHz ±3dB on reference axis
- Within 2dB of reference response
- Horizontal: over 60º arc
- Vertical: over 10º arc
- 91dB spl (2.83V, 1m)
- 2nd and 3rd harmonics (90dB, 1m)
- <1% 80Hz – 20kHz
- <0.5% 200Hz –20kHz
- 380Hz, 4kHz

**Nominal impedance**:
- 88 (minimum 38)

**Crossover frequency**:
- 38Hz, 4kHz

**Recommended amplifier power**:
- 500W – 2000W into 6Ω on unclipped programme

**Max. recommended cable impedance**:
- 0.1Ω

**Dimensions**:
- Height: 630mm (24.8 in)
- Width: 320mm (12.6 in)
- Depth: 165mm (6.5 in)

**Net Weight**:
- 21.3kg (46.3 lb)

**Finishes**:
- Cabinet: Black painted
- Grille: Black cloth

---

**CT8.2 LCR**

**Description**:
- 3-way open-box system

**Drive units**:
- 1 x ø32mm (1.25 in) tube loaded aluminium dome high-frequency tweeter
- 2 x ø200mm (8 in) Paper/Kevlar® cone bass

**Frequency range**:
- -6dB at 31Hz
- 39Hz – 24kHz ±3dB on reference axis
- Within 2dB of reference response
- Horizontal: over 60º arc
- Vertical: over 10º arc
- 91dB spl (2.83V, 1m)
- 2nd and 3rd harmonics (90dB, 1m)
- <1% 80Hz – 20kHz
- <0.5% 200Hz –15kHz
- 400Hz, 4.5kHz

**Nominal impedance**:
- 88 (minimum 38)

**Crossover frequency**:
- 38Hz, 4kHz

**Recommended amplifier power**:
- 500W – 5000W into 8Ω on unclipped programme

**Dimensions**:
- Height: 1000mm (24.8 in)
- Width: 320mm (12.6 in)
- Depth: 300mm (11.8 in)

**Net Weight**:
- 36.3kg (80 lb)

**Finishes**:
- Cabinet: Black painted
- Grille: Black cloth
**CT7.4 LCRS**

**Technical features**
- Nautilus™ tube loaded tweeter
- Kevlar® brand fibre bass/midrange cone
- Flowport™
- Magnetically attached grille
- 2-way vented-box system
- Drive units
  - 1x ø25mm (1 in) cloth dome high-frequency
  - 1x ø165mm (6.5 in) woven Kevlar® cone bass/midrange
- Frequency range
  - -6dB at 48Hz and 28kHz
  - -6dB at 4kHz and 28kHz
- Dispersion
  - Within 2dB of reference response
  - Horizontal: over 60º arc
  - Vertical: over 10º arc
- Sensitivity
  - 93dB sp (2.83V, 1m)
- Harmonic distortion
  - 2nd and 3rd harmonics (90dB, 1m)
  - <1% 100Hz – 20kHz
- Nominal impedance
  - 8Ω (minimum 4.6Ω)
- Crossover frequency
  - 4kHz
- Recommended amplifier power
  - 50W – 150W into 8Ω on unclipped programme
- Max. recommended cable impedance
  - 0.1Ω
- Dimensions
  - Height: 343mm (13.5 in)
  - Width: 444mm (17.5 in)
  - Depth: 265mm (10.5 in)
  - Depth with grille: 288mm (11.3 in)
- Net weight
  - 16.5kg (36.4lb)
- Finishes
  - Cabinet: Black painted
  - Grille: Black cloth

**CT7.5 LCRS**

**Technical features**
- Nautilus™ tube loaded tweeter
- Kevlar® brand fibre FST™ midrange
- Paper/Kevlar® cone bass driver
- Flowport™
- Magnetically attached grille
- 3-way vented-box system
- Drive units
  - 1x ø25mm (1 in) cloth dome high-frequency
  - 1x ø180mm (7 in) woven Kevlar® cone FST™ midrange
  - 2 x ø200mm (8 in) Paper/Kevlar® bass units
- Frequency range
  - 45Hz – 22kHz ±3dB on reference axis
  - 45Hz – 22kHz ±3dB on reference axis
- Dispersion
  - Within 2dB of reference response
  - Horizontal: over 60º arc
  - Vertical: over 10º arc
- Sensitivity
  - 93dB sp (2.83V, 1m)
- Harmonic distortion
  - 2nd and 3rd harmonics (90dB, 1m)
  - <1% 50Hz – 20kHz
- Nominal impedance
  - 8Ω (minimum 3.0Ω)
- Crossover frequencies
  - 350Hz, 4kHz
- Recommended amplifier power
  - 50W – 200W into 8Ω on unclipped programme
- Max. recommended cable impedance
  - 0.1Ω
- Dimensions
  - Height: 360mm (14.2 in)
  - Width: 606mm (23.9 in)
  - Depth: 265mm (10.5 in)
  - Depth with grille: 288mm (11.3 in)
- Net weight
  - 16.5kg (36.4lb)
- Finishes
  - Cabinet: Black painted
  - Grille: Black cloth

**CT7.3 LCRS**

**Technical features**
- Nautilus™ tube loaded tweeter
- Kevlar® brand fibre cone FST™ midrange
- Paper/Kevlar® cone bass driver
- Flowport™
- Magnetically attached grille
- 2-way vented-box system
- Drive units
  - 1x ø25mm (1 in) cloth dome high-frequency
  - 1x ø165mm (6.5 in) woven Kevlar® cone bass/midrange
- Frequency range
  - -6dB at 48Hz and 28kHz
  - -6dB at 4kHz and 28kHz
- Dispersion
  - Within 2dB of reference response
  - Horizontal: over 60º arc
  - Vertical: over 10º arc
- Sensitivity
  - 94dB spl (2.83V, 1m)
- Harmonic distortion
  - 2nd and 3rd harmonics (90dB, 1m)
  - <1% 90Hz – 20kHz
- Nominal impedance
  - 8Ω (minimum 4.0Ω)
- Crossover frequency
  - 4kHz
- Recommended amplifier power
  - 50W – 150W into 8Ω on unclipped programme
- Max. recommended cable impedance
  - 0.1Ω
- Dimensions
  - Height: 305mm (12 in)
  - Width: 444mm (17.5 in)
  - Depth: 265mm (10.5 in)
  - Depth including grille: 288mm (11.3 in)
- Net weight
  - 11.5kg (25.4lb)
- Finishes
  - Cabinet: Black painted
  - Grille: Black cloth
<table>
<thead>
<tr>
<th>Specifications</th>
<th>CT SW10</th>
<th>CT SW12</th>
<th>CT SW15</th>
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<tr>
<td>Drive units</td>
<td>ø250mm (10 in) Paper/Kevlar® cone bass driver</td>
<td>ø380mm (15 in) Paper/Kevlar® cone bass driver</td>
<td>ø350mm (12 in) Paper/Kevlar® cone bass driver</td>
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<td>Frequency response</td>
<td>±3dB 23Hz - 40/140Hz adjustable (EQ at A)</td>
<td>±3dB 23Hz - 40/140Hz adjustable (EQ at A)</td>
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<td>Dimensions</td>
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<td>Height: 550mm (21.7 in) Width: 550mm (21.7 in) Depth: 260mm (10.2 in) Depth with grille: 300mm (11.4 in)</td>
<td>Height: 360mm (14.2 in) Width: 340mm (13.4 in) Depth: 260mm (10.2 in) Depth with grille: 300mm (11.4 in)</td>
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<tr>
<td>Net Weight</td>
<td>14.65kg (32.7 lbs)</td>
<td>25kg (55 lbs)</td>
<td>30kg (66.1 lbs)</td>
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**CT SW10 Subwoofer Amplifier SA1000**

**Amplifier functions**
- Front panel:
  - Rotary volume (line in)
  - Rotary low-pass filter frequency
  - 4th-order Linkwitz, Linkwitz
  - Low-pass filter defeat 2-position switch
  - Phase 0°/180° 2-position switch
  - Bass extension 3-position switch
  - On/Off/standby 3-position switch
  - Status LED
  - Fault LED

**Amplifier inputs**
- 2x RCA Phone socket, line in
- 2x RCA Phone socket, line out
- 1x XLR socket, line in
- 3.5mm jack - 12V trigger on/standby (overrides manual standby setting)
- 3.5mm jack - 12V trigger equalisation movie/music

**Amplifier outputs**
- 1x Neutrik® Speakon® 4-pole speaker socket
- 2x pairs of binding Posts

**Amplifier power output**
- 1000W

**Input impedance**
- 33k

**Signal/noise**
- >85dB

**Rated power**
- 300W – 1/8 full power consumption:
- <1W – Standby

**Dimensions**
- Height: 103mm (4.05 in) Width: 103mm (4.05 in) Depth: 225mm (8.86 in) Front panel height: 90mm (3.5 in)  

**Net weight**
- 6.45kg (14.3 lbs)

**Finish**
- Black