

# CANVAS



## CANVAS matches the audio quality with the picture quality of today's TV's

The image quality of TVs is now close to the highest fidelity that's technically achievable. However, this is not the case in terms of audio, even with the best soundbars as they are still limited by the constraints of their size. High quality audio currently requires separate HiFi speakers as they're infinitely better in terms of performance. CANVAS aims to match the audio quality to the picture quality without having to rely on free standing HiFi speakers.

CANVAS is the only one-box solution on the market that delivers real 3D audio. This makes it ideal for music fans, as it offers true HiFi with a stereo image of 10-12 feet from a product that's 3.5 feet wide. The technology to achieve this extraordinary width, depth and height is cutting edge and provided by BACCH 3D technology invented by Princeton professor (and literal rocket scientist) Edgar Choueiri.

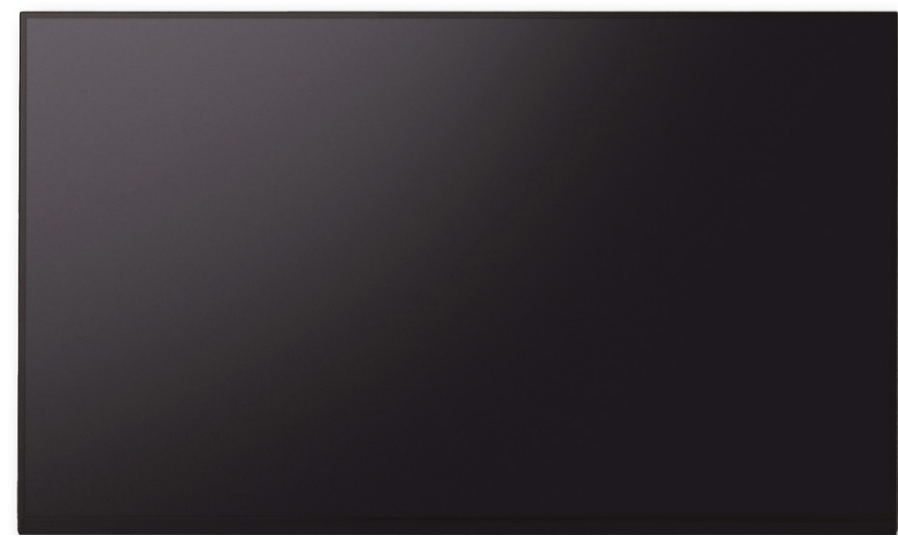
And CANVAS aims to deliver aesthetic beauty as well as phenomenal sound quality – we wanted to remove the clutter of soundbars and HiFi systems, and instead offer a well designed, fully integrated solution.

CANVAS is the only TV sound system on the market that delivers real 3D audio



# Home design of the future with the world's first HiFi system that fits all TV's

Your TV



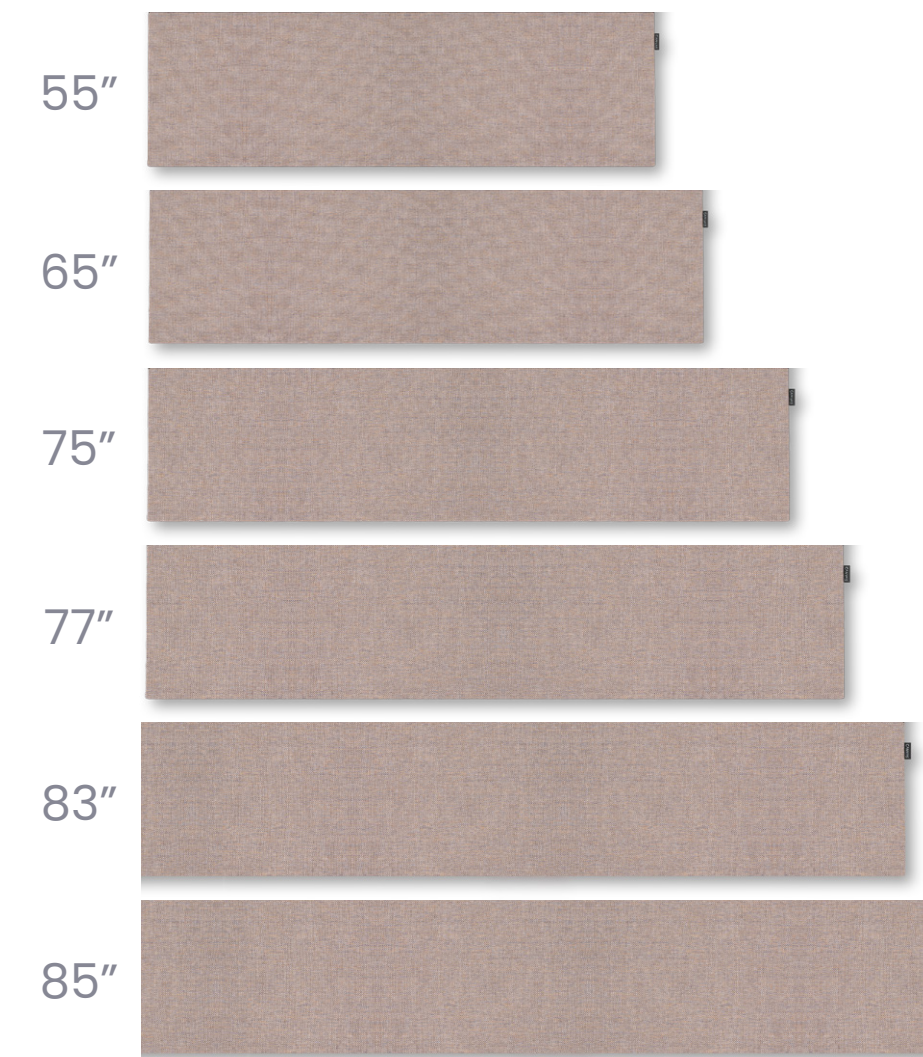
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CANVAS HiFi



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Front size that fits your TV



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TV and HiFi in a unified design



## HiFi Reinvented

When project CANVAS began our goal was to invent a sound system that integrated with TVs, both mechanically and visually. We also wanted it to sound close to real HiFi as possible, well knowing this would probably be impossible, due to inherent physical limitations to this new formfactor of a HiFi sound system. But, during the development process we found breakthrough technological solutions to limitations.

The combination of High End speaker construction, Room Correction and BACCH 3D crosstalk cancellation, gives you true HiFi performance, that you'd normally only get from dedicated standalone High End HiFi sound systems.



Core members of the CANVAS team have worked in audio for their entire careers, driven by a passion for the purest sound quality

## BACCH™ 3D Sound allows realistic 3D sound through just two speakers placed in close proximity to each other

Our early prototypes of CANVAS had the right drivers, a rock solid speaker enclosure, and DSP crossovers – but the left and right speakers were still close to each other and the drivers were so near to the floor and walls that the stereo imaging was not meeting our goals of a High End audio experience.

The missing key ingredient was BACCH™ 3D Sound – and it was invented just in time! While the basic technology has existed for a decade, a recent breakthrough developed by BACCH Labs, licensed from Princeton University allows listeners to hear astoundingly realistic 3D sound through just two speakers placed in close proximity to each other. It achieves this using crosstalk cancellation – essentially repositioning the sound so that the left and right speakers can only be heard by the respective ear. The result is real three-dimensional stereo imaging similar to free-standing High End speakers, without any form of coloration to the sound.

This is ideal for music; the stereo image is 10 to 12 feet wide from a product that's 3.5 feet wide, and it also creates height and depth using tonal and spatial fidelity that was simply not possible before, even with the most high-end audio technology.

The combination of CANVAS High End speaker, and BACCH 3D filter, results in the world's first single box solution offering real HiFi stereo imaging that can satisfy audio enthusiasts as a replacement for an expensive stand alone HiFi system



## Within one minute, the sound of CANVAS is optimized for your listening room, offering great tonal balance

CANVAS features a powerful 4 channel Hi-Fi amplifier with a combined output of 250 Watt RMS. Together with its powerful quad-core DSP crossover, this enables a level of performance that is simply not possible with the passive crossovers used in most High End speakers.

However, the best speaker system in the world can still be compromised if the listening room isn't a good fit for the frequency response, and this is all too often the case. Whether the bass is amplified or neutralised, booming or almost absent, the available listening room can have more of an impact on sound quality than the speaker itself.

To address this, we created Room Correction, to adjust the frequency response to the listening room where CANVAS will be used. By listening for one minute via an iOS app, CANVAS can optimize its frequency response to your listening room, proving the perfect tonal balance.

## Connectivity

Connecting CANVAS to your WiFi is super easy. For iPhone, just go to WiFi settings, and it will ask if you want to join CANVAS to your network. For Android devices, the Google Home app guides you through easy setup.

For streaming, CANVAS features a next-gen wireless module, with Apple AirPlay 2 and Google Cast, both being multi-room compatible with all other brands of speakers. Furthermore it features Roon, Tidal and Spotify. It also has Toslink digital optical input to connect for instance a SONOS Connect box, and analog with a great Burr-Brown ADC, so that turntables can be connected, to experience your records in unprecedented spacial fidelity.

CANVAS features HDMI eARC, which means it will integrate with your TV seamlessly. You won't have to think about it being there; it will just work seamlessly with your TV remote. Even an Apple TV remote can control the volume in CANVAS directly. Furthermore, HDMI eARC ensures no annoying lip-sync issues, where picture and sound is out of sync in movies, shows and concerts.



## Danish Design fusing HiFi with your TV

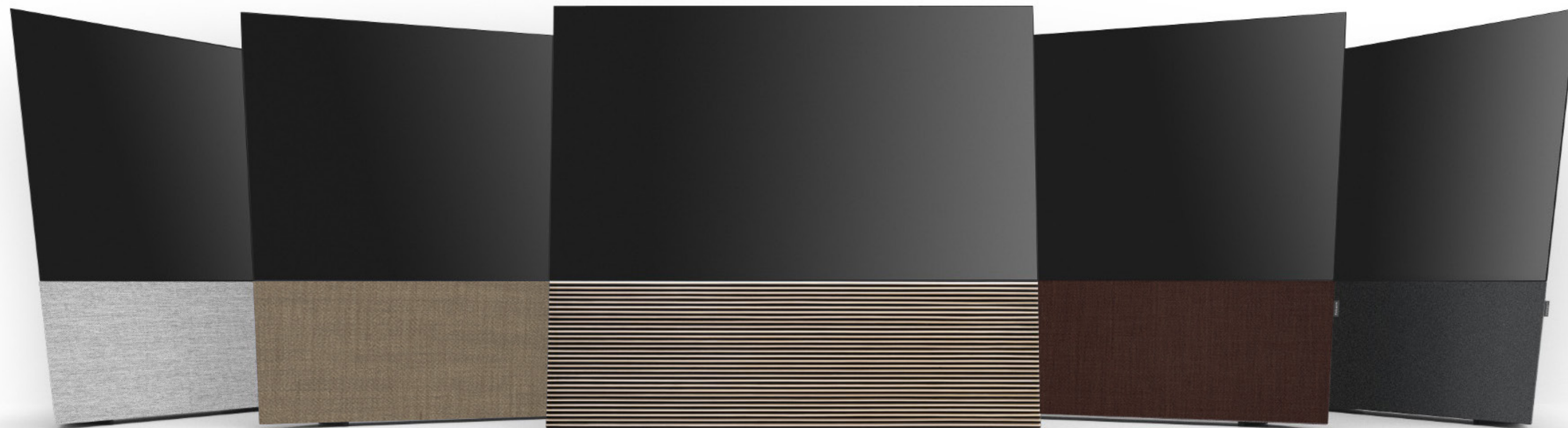
The fundamental idea behind CANVAS design is to fuse hi-fi with your TV and create a harmonious and functional living space that celebrates simplicity, natural elements, and minimalism without compromising sound. This design philosophy emphasizes clean lines, a neutral color palette, and the use of natural materials like wood and nature-inspired textiles.

The Nordic-inspired expression also prioritizes functionality and practicality, with a focus on creating comfortable and cozy atmospheres that embrace the concept of "hygge." Overall, Nordic design seeks to balance aesthetics with functionality while fostering a sense of tranquility and well-being in the home.









## Bespoke for your interior

CANVAS offers thirteen custom finishes: A textile front in black or light grey, one of eight colors of Danish Kvadrat fabrics; or wooden slats in either light oak, mahogany or walnut. Add a dash of sophistication with CANVAS, and curate your own masterpiece that blends with your interior design using one of our many finishes. We have gone into great effort and detail to craft perfect variations that will suit just about any type of home.

## Specifications

✓ TV COMPATIBILITY	All TV's in size 55", 65", 75", 77", 83" and 85"
✓ ENCLOSURE	Rock solid 24 liters, MDF with BridgeBrace™ technology
✓ BASS/MIDRANGE	2 x High End SB Acoustics long excursion 6" diecast aluminium chassis
✓ TWEETER	2 x High End SB Acoustics with non-resonant rear chambers
✓ PASSIVE RADIATORS	2 x High End SB Acoustics
✓ AMPLIFIERS	4 channel HiFi
✓ FREQ RESPONSE	30 Hz - 20.000 Hz
✓ DSP	Powerful AD 300 MIPS quad-core with BACCH™ 3D filter
✓ ROOM CORRECTION	Through iOS app, uses iPhones built in microphone
✓ CONNECTIVITY	HDMI ARC, Toslink, Analogue, Apple AirPlay 2, Google Chromecast, Tidal, Spotify Connect, Bluetooth, DLNA, Sonos through Sonos Connect
✓ COVERS	Interchangeable magnetic covers in multiple colors
✓ UPDATES	Automatic OTA
✓ VOLTAGE	AC 100-240V, 50-60 Hz
✓ DIMENSIONS (HxWxD)	373 x 1226 x 198 mm / 14.88 x 48.4 x 8.2 in
✓ WEIGHT	35 Kg / 77 lbs without packaging



Designed and engineered  
in Copenhagen, Denmark



## The Vision

Our journey with CANVAS HiFi began with a grand vision: to create a sound system that would seamlessly merge with televisions, both mechanically and visually. But we didn't stop there; our goal was to ensure that this sound system could rival standalone HiFi systems, at least when it came to providing the perfect background music. However, we were acutely aware of the formidable challenges that lay ahead. In the world of audio, we faced two significant hurdles.

The first was the wild, uncontrollable bass that often plagued systems like ours due to placement constraints.

The second was the absence of three-dimensional stereo imaging, caused by the proximity of the left and right speakers, squeezed within just one meter (approximately three feet) of each other.

These limitations were inherent to our new form factor for a HiFi system, and they could have easily derailed our ambitions. Yet, as we embarked on this ambitious journey, we refused to accept defeat. Our team of dedicated engineers and sound enthusiasts were driven by the relentless pursuit of perfection. It was clear that we needed breakthrough technological solutions to overcome these challenges and reinvent HiFi by turning CANVAS into a true HiFi sound system.

**Laust Nielsen**  
CEO

Laust is a second-generation custodian of a family business focused on TV and HiFi products. His upbringing gave him an instinctive understanding of how to design products that resonate with customer desires. Over time he has been using his expertise in curating HiFi retail concepts and connecting with customers, specializing in aligning their needs for the perfect audio-visual experiences in their homes.



**Kim Neeper Rasmussen**  
CTO

Kim started out in the audio industry at the age of just 17. For the past 21 years he has worked in all corners of the industry, including design, engineering and manufacturing of amplifiers, DVD players, surround sound processors, mass market wireless speakers, and High End loudspeakers. He's a "jack of all trades", with skills in industrial design, mechanical engineering, acoustic engineering and electrical engineering.



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[www.canvashifi.com](http://www.canvashifi.com)