

1

Stunning Sound

- ATF2 UPSAMPLING
- DUAL WOLFSON WM8740 DACS
- BALANCED XLR CONNECTORS

2

Connect Anything

- CHROMECAST BUILT-IN
- DIGITAL STREAMING VIA STREAMMAGIC
- HIGH QUALITY INTERNET RADIO
- MULTIPLE SOURCES & INPUTS

3

Complete Control

- CAMBRIDGE CONNECT COMPATIBLE
- CX SERIES REMOTE CONTROL
- LARGE COLOUR SCREEN

Award winning streaming. Improved.

Ultimate digital convenience and quality. CXN (V2) further refines the seamless digital music experience that made the original a What Hi-Fi? award winner, three years running. A faster processor opens up new possibilities, giving you a richer internet radio experience, a greater level of playback control and Chromecast built-in.



Demonstration Tracks

At Cambridge Audio we use our ears constantly, both as passionate music lovers and audio professionals looking for test examples. We test our products with all types of content and the following suggestions are our picks for a great demo experience for your customers.

1

DREAMS
by **FLEETWOOD MAC**
Rmours (1977)



Lossless FLAC files sound delightfully rich and detailed from the CXN (V2), bringing out the lush sounds of Stevie Nicks and Christine McVie's breathy duet in Fleetwood Mac's "Dreams" and presenting the incredible sonic arrangement.

2

SMALL BUMP
by **ED SHEERAN**
+ (2014)



Spotify subscribers can make the very best use of their membership with a significant improvement in detail and soundstage, as heard when playing Ed Sheeran's "Small Bump", grabbing the listeners attention from the moment the percussive heartbeat of the song starts.

Great British Sound

What does 'British Sound' mean? To us it's about removing any barriers that might distort or alter the original recording and not adding any of our own flavour. What you hear from our products is a pure and unfiltered 'British' sound – just as the artist intended.



Stunning Sound

Listen first, measure later. Our engineering team spent hours tuning the CXN (V2) the old school way, by ear, which we believe is the only way to achieve a sound quality that genuinely moves you.

ATF2 UPSAMPLING

Adaptive Time Filtering (ATF) enhances playback of digital media. ATF uses clever algorithms to generate an analogue style signal curve from a digital signal in real time. It then measures this new curve a staggering 384,000 times per second, producing an incredibly accurate upsampled digital signal that is highly representative of the originally recorded analogue signal.

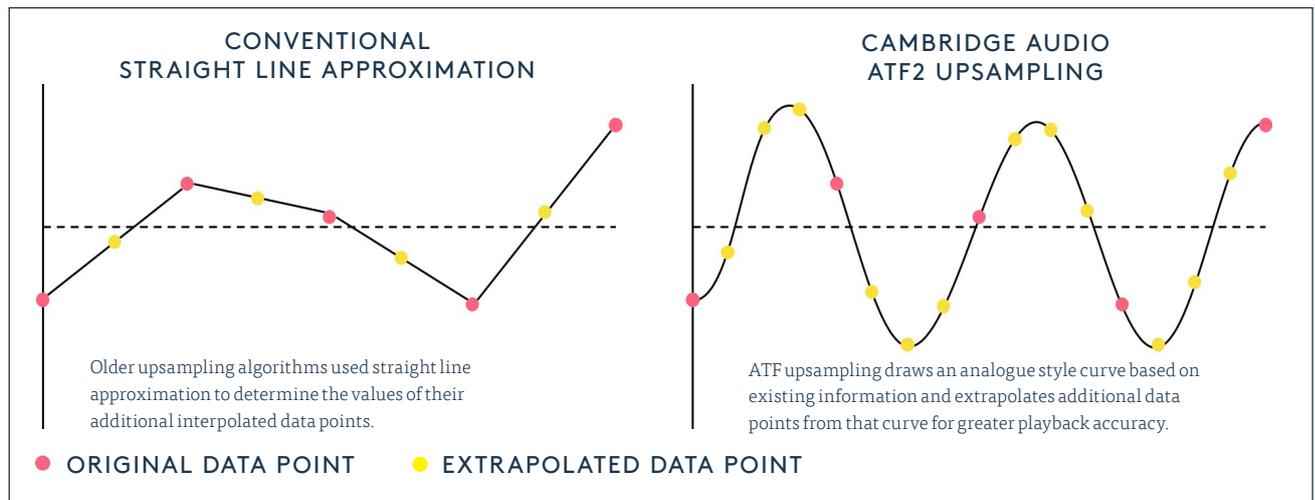
By accurately producing and measuring additional samples of digital music tracks, new levels of detail within the track are released to the listener bringing them closer to the original recording.

DUAL WOLFSON WM8740 DACS

The high quality dual Wolfson WM8740 Digital Analogue Converters chosen for the CXN (V2) are essential in order to generate a well balanced signal meaning a reduction in audible noise, distortion and crosstalk.

BALANCED XLR CONNECTORS

When used with a compatible amplifier, such as the matching Cambridge CXA80, balanced XLR connections give the best analogue link possible with greatly improved resistance to interference.



Connect Anything

We wanted to design a product that allows you to play any song in the world from any device and the CXN (V2) will play almost anything you want. Thanks to its huge processing power and slick functionality, it doesn't make a fuss of it or skip a single beat, it just plays your music instantly.

CHROMECAST BUILT-IN

After a firmware update in Sept 2018, Chromecast Built-in will allow users to send audio from their favourite apps directly to the CXN (V2) from the app's servers meaning the phone or tablet becomes a control device rather than the source.

Chromecast Built-in works seamlessly with Android devices and many popular iOS applications. Just tap the Chromecast icon within our chosen app, select your CXN (V2) as the destination and start casting content at up to 24bit/96kHz quality.

HIGH QUALITY INTERNET RADIO

CXN (V2) introduces mpeg-DASH (Dynamic Adaptive Streaming over HTTP) and HLS (HTTP Live Streaming) compatibility out of the box, which allows for higher quality, more consistent live streams, creating an intimate internet radio experience. It's the same technology that ensures a smooth Netflix experience as it prioritises continuity of stream and determines quality according to available bandwidth.

More importantly for internet radio users, because the CXN (V2) supports DASH, your favourite radio stations from the BBC will be available in higher quality 320 kbps streams.

DIGITAL STREAMING VIA STREAMMAGIC

Stream Magic is Cambridge Audio's proprietary music streaming solution and is at the heart of our award winning music streaming products. The powerful module hardware allows for fast browsing and playback of formats all the way up to FLAC, WAV and DSD, and is designed to seamlessly operate with our renowned upsampling DAC technology.

We've developed the software ourselves, and we're able to react quickly to support new technologies and audio formats. This 'in-house' approach also means we have full control over the user interface. So whenever we create a new function or refresh our app, you'll be prompted to update to the latest version of software. Your already award-winning product will just get better and better.

MULTIPLE SOURCES & INPUTS

We've included; Chromecast Built-in, Spotify Connect, AirPlay, Internet Radio, NAS Drive/UPnP compatibility, asynchronous USB, Coax and TOSLINK digital inputs, DSD64 support and AptX Bluetooth (with optional BT100 bluetooth receiver). TIDAL is also available through either Chromecast Built-in or the Cambridge Connect app. As a final touch the CXN (V2) is also classified as Roon Capable through Chromecast Built-in.

Complete Control

Using your CXN (V2) should be as pleasurable as listening to it. That's why we've provided multiple easy to use control methods all tied together with a large full colour display.

CAMBRIDGE CONNECT COMPATIBLE

Whether it's flicking through albums, building play queues or setting pre-sets, the Cambridge Connect app allows simple and intuitive browsing of all your connected sources from the comfort of your chair. And with the CXN (V2) you'll find even more control as you'll be able to seek through digital music playing from your desktop, NAS, USB or Spotify to pinpoint your favourite music moments.



LARGE COLOUR SCREEN

Often the display on a piece of audio equipment can seem like an afterthought. Not with the CXN (V2). There's a lovely big colour screen on the front so you can always see the album artwork and commands that you're sending to the unit.



CX SERIES REMOTE CONTROL

The included remote control has clearly delineated sections and can control full functionality for every component in the CX range. Say goodbye to clogged up coffee tables!



In The Press

We believe in our products wholeheartedly but don't just take our word for it. What do the experts think?

“Wonderfully entertaining... a great streamer just got even better”

What Hi-Fi? Awards 2018 winner. Best Music Streamer £500-£1000

WHAT HI-FI, OCTOBER 2018



Inside Story

We're located in London SE1, right on the doorstep of some of the most creative, exciting developments in the music industry and our products are designed and engineered in-house. Outside of work we're musicians, sound engineers and above all music lovers.



CHRIS SAUNDERS
PRODUCT UX MANAGER

“The CXN (V2) builds on the experience we've gained in the network player category and adds even more features like Chromecast, AirPlay, and a full colour display. This means you can enjoy a peerless streaming experience with impressive convenience and the same handsome lines as the CX amplifiers.

The CXN (V2) can be used entirely as a digital preamplifier in a suitable system* but is just as happy being connected to a CXA amp and being used as a conventional digital source. This flexibility is one of the defining features of the CX range.”

We have strived to keep the same exceptional performance we have always offered in a range of components that are perfectly suited to the diverse ways we listen to music nowadays.”

*Enable digital pre-amp mode within the settings menu.
NB. Volume output goes back to max when taken out of digital pre-amp mode.

Stacking Up

	CAMBRIDGE CXN (V2)	PIONEER N70AE	MARANTZ NA8005	TECHNICS ST-C700
COLOUR SCREEN WITH COVER ART	YES	YES	NO	NO
DUAL DAC CONFIGURATION	YES	YES	NO	NO
DSP UPSAMPLING	YES	YES	NO	YES
WIFI ENABLED	YES	YES	YES	NO

Technical Specification

DAC:	Dual Wolfson WM8740 24-bit
DIGITAL FILTER:	2nd Generation ATF2 up-sampling to 24-bit/384kHz
ANALOGUE FILTER:	2-Pole Dual Differential Bessel
USB AUDIO INPUT:	USB Type B conforms to USB Audio profile 1.0 or 2.0 (user selectable)
DIGITAL AUDIO INPUTS:	S/PDIF Coaxial and TOSLINK Optical
ANALOGUE AUDIO OUTPUTS:	Balanced XLR and unbalanced RCA analogue
DIGITAL AUDIO OUTPUTS:	S/PDIF Coaxial and TOSLINK Optical
COMPATIBILITY:	UPnP, Local USB media, USB audio 1.0 and 2.0, S/PDIF Toslink and Coaxial, AirPlay, BT100 Bluetooth receiver (not supplied), Internet radio, Spotify Connect, Chromecast Built-in. Note: Pandora is not supported.
AUDIO FORMATS:	ALAC, WAV, FLAC, AIFF, DSD (x64), WMA, MP3, AAC, HE AAC, AAC+, OGG Vorbis
ETHERNET:	IEEE 802.3, 10 Base-T or 100 Base-T
WI-FI:	IEEE 802.11 b/g or n (2.4GHz)
MAX POWER CONSUMPTION:	30W
STANDBY POWER CONSUMPTION:	0.5W
DIMENSIONS:	Maximum including sockets and controls: 85 x 430 x 305mm (3.4 x 16.9 x 12.2")
WEIGHT:	8.3kg (18.3lbs)

Related Products

CXC DEDICATED CD TRANSPORT

Designed specifically to do one thing only. The CXC spins CDs and retrieves the audio data with perfect precision so you can hear things that you've never heard before in tracks you've heard 100 times. And thanks to its all-digital outputs it works in perfect harmony with our CXA60 and CXA80 integrated amplifiers.



CXA80 INTEGRATED AMPLIFIER

Power, precision and poise. Building on the award winning foundation of the CXA60, the CXA80 adds an extra 20watts of power giving 80watts of pure precision which creates a strikingly vivid soundstage. The addition of balanced inputs and USB connectivity for your computer based music library offers the solution for every source.

