CAMBRIDGE AUDIO

CXN (V2
NETWORK AUDIO STREAMER

1

Stunning Sound

- ATF2 Upsampling
- Dual Wolfson WM8740 DACS
- Balanced XLR Connectors

2

Connect Anything

- New! Airplay 2
- New! Roon Tested
- Digital Streaming via StreamMagic
- High Quality Internet Radio
- Multiple Sources & Inputs

3

Complete Control

- New! StreamMagic App
- CX Series Remote Control
- Large Colour Screen

Convenience. Not Compromise.

Everyone loves the convenience of digital audio. Nobody enjoys the compromises digital audio playback sometimes involves. That's why the CXN (V2) is designed to provide the effortless accessibility of digital audio, but with the uncompromised sonic excellence of Cambridge Audio's 50-plus years of hi-fi experience.
Ease of use meets quality of performance.

roon tested · Works with Apple AirPlay · Spotify · Hi-Res AUDIO · TIDAL · Chromecast built-in · qobuz

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

DISTANT PAST
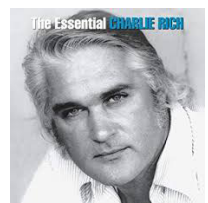by **EVERYTHING EVERYTHING**
Get To Heaven (2015)

Demo your CXN (V2) with the same tracks our engineers used for CX Series 2 tuning! "Distant Past" was chosen for its complex, driving rhythms and quickfire vocal delivery. Listen out for the use of the Star Trek bridge alert in the intro.

2

MOHAIR SAM (ALBUM VERSION)
by **CHARLIE RICH**
The Essential Charlie Rich (1997)

Find this 1965 version of "Mohair Sam" by Charlie Rich on TIDAL to fully appreciate Charlie's warm, expressive vocal and swinging backing band.

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.

GREAT BRITISH SOUND SINCE 1968

1 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.
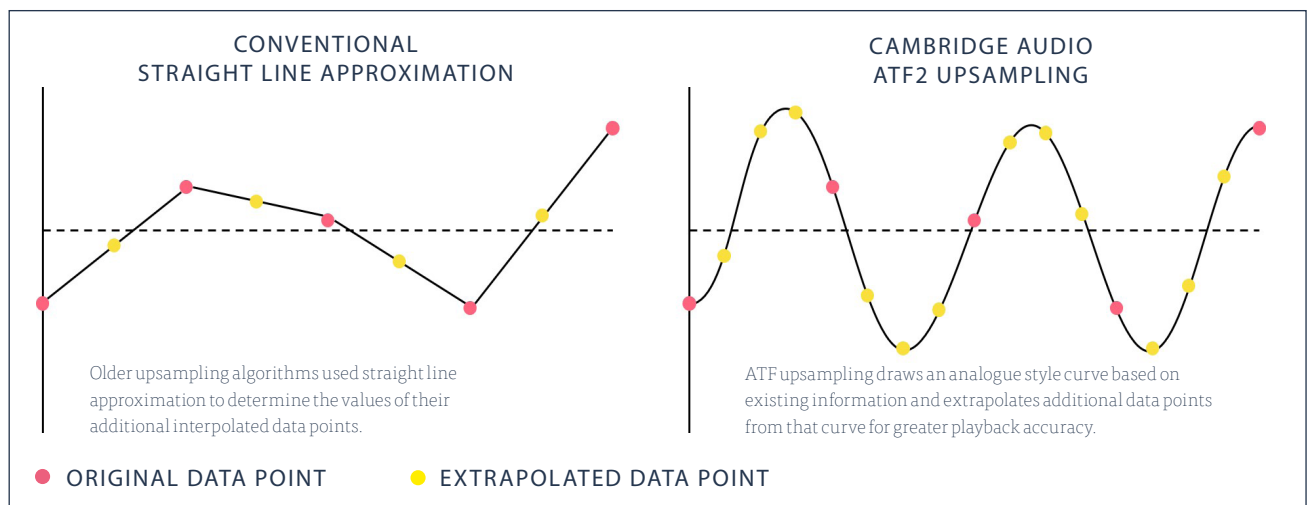
By accurately producing and measuring additional samples of digital music tracks, new levels of detail within the track are released to the listener bringing them closer to the original recording.

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 CXA81, balanced XLR connections give the best analogue link possible with greatly improved resistance to interference.

CONVENTIONAL
STRAIGHT LINE APPROXIMATION

Older upsampling algorithms used straight line approximation to determine the values of their additional interpolated data points.

CAMBRIDGE AUDIO
ATF2 UPSAMPLING

ATF upsampling draws an analogue style curve based on existing information and extrapolates additional data points from that curve for greater playback accuracy.

● ORIGINAL DATA POINT   ● EXTRAPOLATED DATA POINT

2 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.

NEW! AIRPLAY 2
CXN (V2) is now compatible with Apple's AirPlay 2 protocol, bringing the ability to stream your music to multiple devices around the home at the same time.

NEW! ROON TESTED
Roon is a high quality, subscription based interface for your entire music collection. Roon Tested devices have been profiled and tested by both Roon Labs and the manufacturer for maximum compatibility. Roon will recognize these devices and send them audio optimized for their capabilities.

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 2, Internet Radio, NAS Drive/ UPnP compatibility, asynchronous USB, Coax and TOSLINK digital inputs, DSD64 support and AptX Bluetooth (with optional BT100 Bluetooth receiver). TIDAL & Qobuz are also available through either Chromecast built-in or the new StreamMagic app.

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.

NEW! STREAMMAGIC APP

The new StreamMagic app is designed to make controlling Cambridge Audio streamers simple. Intuitive controls and smart learning mean your favourite functionality is just a click away. Download it yourself and try it out. Available for iOS and Android.

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 multiple remotes and clogged up coffee tables!

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.

In The Press

We believe in our products wholeheartedly but don't just take our word for it.

"Wonderfully entertaining… the CXN (V2) is the best streamer out there at this price point."

What Hi-Fi? Awards 2019 winner. Best Music Streamer £500-£1000

WHAT HI-FI, OCTOBER 2019

WHAT HI★FI?
AWARDS 2019

Music streamers
Best music streamer £500-£1000
Cambridge Audio CXN V2

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 work we're musicians, sound engineers and above all music lovers.

"The CXN (V2) builds on the experience we've gained in the network player category and adds even more features like Chromecast built-in, AirPlay 2, 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."

CHRIS SAUNDERS
Product UX Manager

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

Technical Specification

DAC:	Dual Wolfson WM8740 24-bit DACs
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 2, BT100 Bluetooth receiver (not supplied), Chromecast Built-in, Internet radio, Spotify Connect, TIDAL, Qobuz.
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 (H x W x D):	85 x 430 x 305mm (3.4 x 16.9 x 12.2")
WEIGHT:	3.5Kg (7.7lbs)

Related Products

CXC
CD TRANSPORT
The compact disc format has been around long enough to include an enormous catalogue of music of all types, and to have become very affordable. Even the most evangelical devotee of music streaming will concede there's plenty of life in the little silver disc yet. CXC will let you extract every last drop of musical enjoyment from your CD collection.

CXA81
INTEGRATED AMPLIFIER
How do you take an admired and successful integrated amplifier, one that's won respect and plaudits around the world, and make it even better? Well, if you're a Cambridge Audio engineer, you examine every aspect of the performance - and then you do everything you can to make it 'more'. More refined, more precise, more engrossing... more musical.
CXA81: it's everything you loved about CXA80, but more so.