

QUICK START

How to configure a basic system

INBETRIEBNAHME FÜR UNGEDULDIGE

Konfigurieren eines einfachen Systems

DÉMARRAGE RAPIDE

Comment configurer un système simple

GUÍA RÁPIDA

Cómo configurar un sistema básico

AVVIO RAPIDO

Come configurare il sistema di base

KOM HURTIGT I GANG

Sådan konfigureres et almindeligt system

クイックスタート

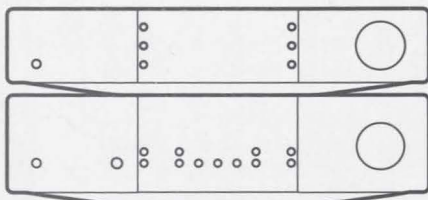
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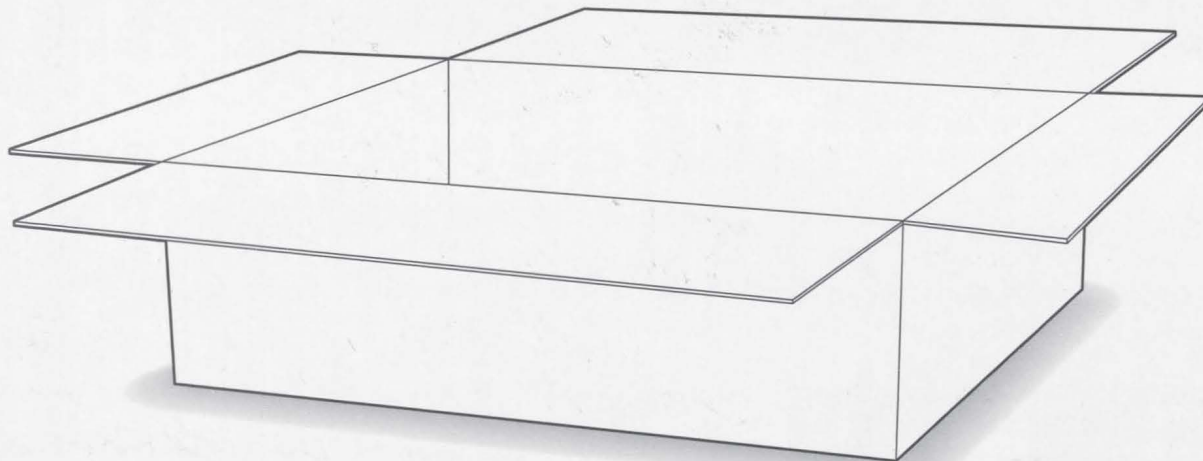
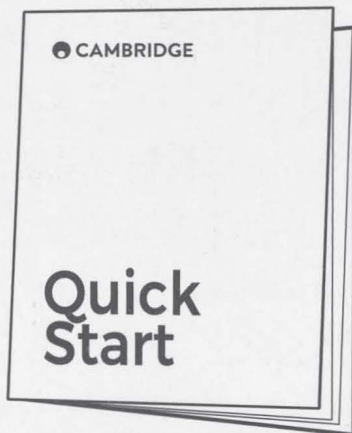
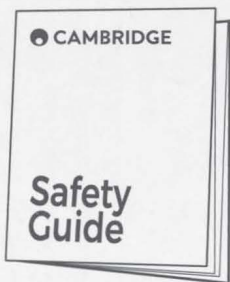
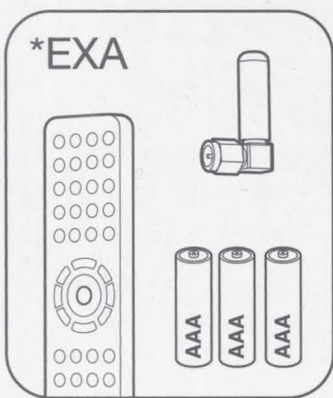
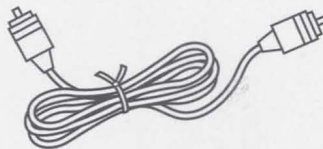
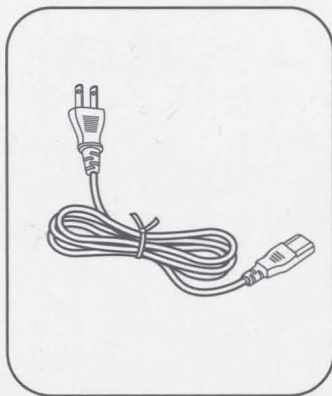
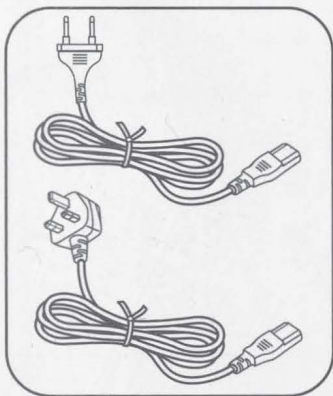
快速入门使用

如何配置一个基本系统

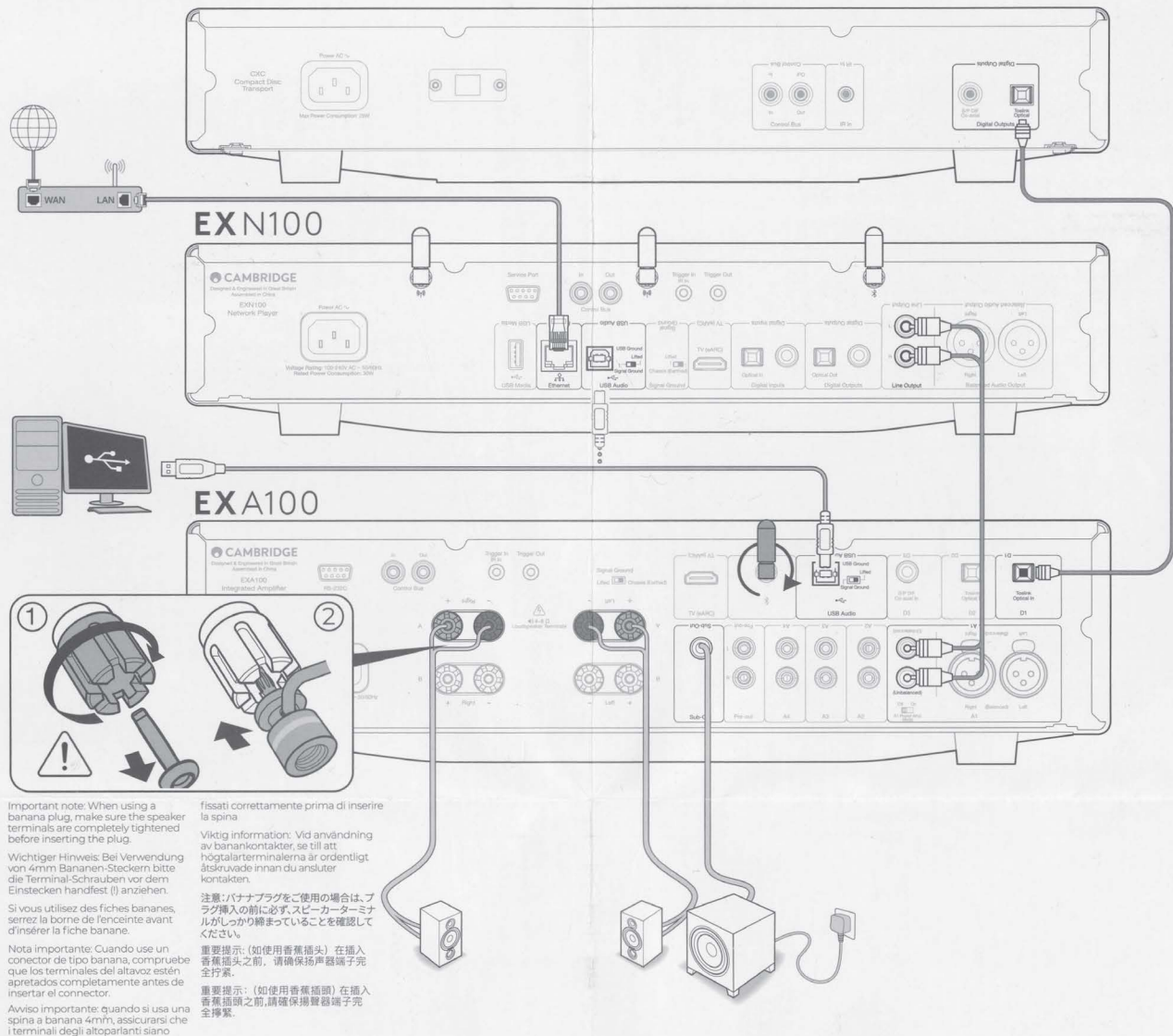
快速入門使用

如何配置一個基本系統

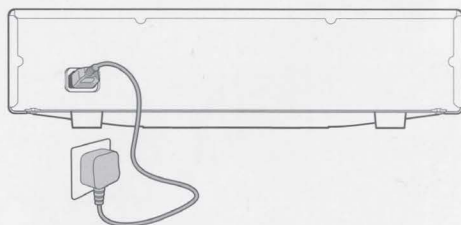




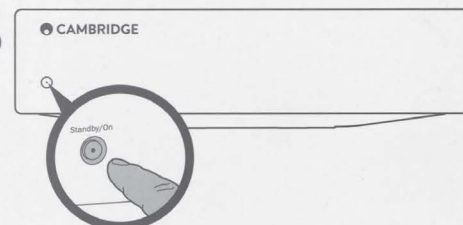
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2



3



4



MANUAL

To get the best performance from your EX products, please read the online manual. For more information, visit our website <https://www.cambridgeaudio.com>

Um die beste Leistung aus Ihren EX Produkten zu erhalten, benutzen Sie bitte das Online-Handbuch lesen. Für weitere Informationen, besuchen Sie unsere Website <https://www.cambridgeaudio.com>

Pour obtenir les meilleures performances de vos produits EX, s'il vous plaît lire le manuel online. Pour plus d'informations, visitez notre site Web <https://www.cambridgeaudio.com>

Para obtener el mayor rendimiento de los productos EX, por favor lea el manual online. Para obtener más información, visite nuestro sitio web <https://www.cambridgeaudio.com>

Per ottenere le migliori prestazioni dai vostri prodotti EX, si prega di leggere il manuale online. Per ulteriori informazioni, visitate il nostro sito <https://www.cambridgeaudio.com>

För att få bästa prestanda från dina EX produkter, läsa online-manualen. För mer information, besök vår hemsida <https://www.cambridgeaudio.com>

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StreamMagic App

www.cambridgeaudio.com/download-streammagic

To setup the EXN100, please first download the StreamMagic app from the Apple app store or Google Play store. The app will assist you in setting up the EXN100.

Um den EXN100 einzurichten, laden Sie bitte zunächst die StreamMagic App aus dem Apple App Store oder Google Play Store herunter. Die App wird Ihnen helfen, in die EXN100 einzurichten.

Pour configurer le EXN100, veuillez d'abord télécharger l'application StreamMagic sur l'Apple App store ou Google Play Store. L'application vous aidera à mettre en place la EXN100.

Para configurar el EXN100, descargue primero la aplicación StreamMagic App del app store de Apple o el Play store de Google. La aplicación le ayudará en la creación de la EXN100.

Per configurare l'EXN100, innanzitutto scaricare la app StreamMagic dall'Apple store o da Google Play. L'applicazione vi aiuterà nella creazione del EXN100.

Installera EXN100 genom att först hämta StreamMagic-appen från Apple App Store eller Google Play-butiken. Appen hjälper dig att ställa in EXN100. EXN100 のセットアップをするために、はじめに Apple appストアもしくは Google Playストアで StreamMagic のアプリをダウンロードしてください。アプリには、セットアップ手順の記載があります。

設置 EXN100, 請首先從 Apple 應用商店或 Google Play 商店下載 StreamMagic 應用。該應用程序將幫助您設置 EXN100。設置 EXN100, 請首先從 Apple 應用商店或 Google Play 商店下載 StreamMagic 應用。該應用程序將幫助您設置 EXN100。

Support

If you have questions about your Cambridge Audio product visit <https://support.cambridgeaudio.com> where you will find FAQs and guides to assist you.



SUPPORT

Support

Wenn Sie Fragen zu Ihrem Cambridge Audio-Produkt haben, besuchen Sie bitte <https://support.cambridgeaudio.com>. Dort finden Sie häufig gestellte Fragen (FAQs) und Handbücher, die Ihnen weiterhelfen können.

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Si vous avez des questions sur votre produit Cambridge Audio, rendez-vous sur <https://support.cambridgeaudio.com> où vous trouverez des FAQ et des guides pour vous aider.

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Supporto

Per domande sui prodotti Cambridge Audio visitare <https://support.cambridgeaudio.com> e consultare le domande frequenti e le guide di assistenza.

Support

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支持

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如欲了解剑桥音响的更多信息，我们的产品，新闻，评论与支持，请访问我们的网站 **WWW.CAMBRIDGEAUDIO.COM**

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EXN100

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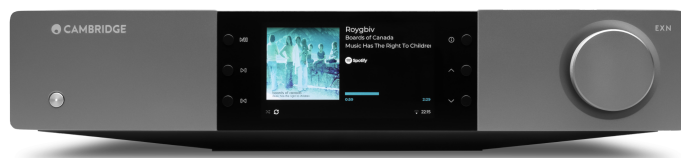
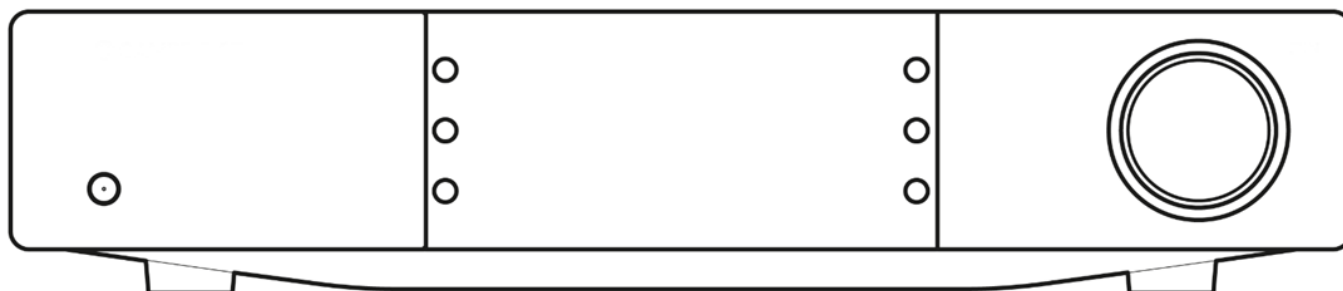


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EXN100

Last updated: October 9, 2024 11:37. Revision #14096



Introduction

Last updated: October 1, 2024 12:10. Revision #14080

This guide is designed to make installing and using this product as easy as possible. Information in this document has been carefully checked for accuracy at the time of publishing; however, Cambridge Audio's policy is one of continuous improvement, therefore design and specifications are subject to change without prior notice.

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To use AirPlay with EXN100, the latest version of iOS, iPadOS, or macOS is recommended.

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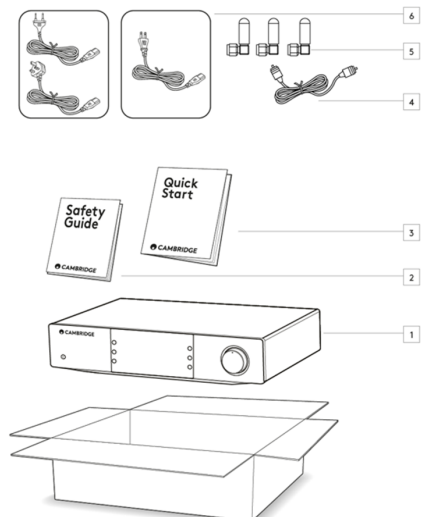
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What's included with the EXN100?

Last updated: September 27, 2024 03:43. Revision #14079

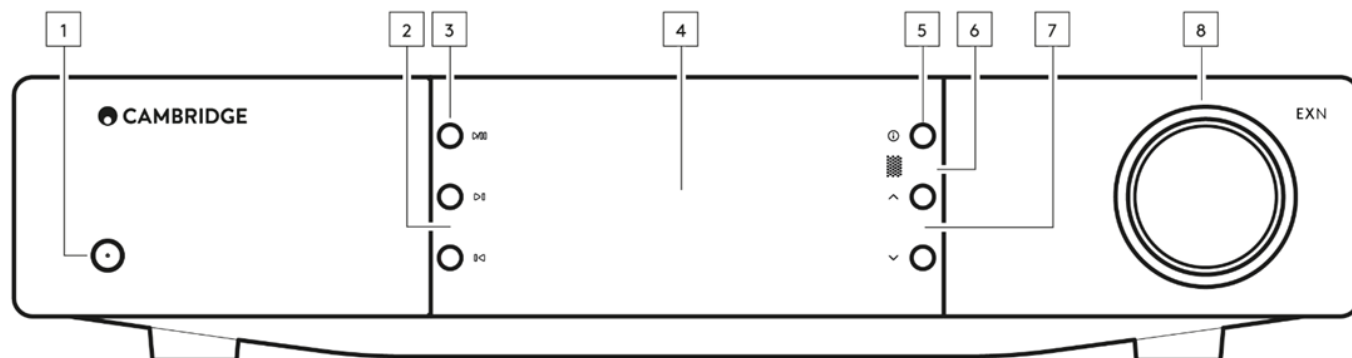


Inside the box of your EXN100 you will receive:

1. EXN100 Network Player
2. Safety Guide
3. Quick Start Guide
4. Control Bus Cable
5. 3x Wi-Fi/Bluetooth Antennas (affixed to the unit)
6. Regional Power Cable

Front panel controls

Last updated: October 1, 2024 12:19. Revision #14078



1. Standby/On

Switches the unit between Standby Mode (indicated by dim power LED) and On (indicated by bright power LED).

2. Skip

Skip to next track during playback.

3. Play/Pause

Play or pause current track.

4. Display

5. Info

During playback, pressing this button will cycle through the different 'Now Playing' screens. Press and hold to display the product info, as well as options for updating the firmware, network setup mode and factory reset. Different "Now Playing" screens are saved for each source.

6. Infrared sensor

IR sensor that receives IR commands from the compatible EX series 2 remote control.

Note: The EXN100 does not have its own remote control and does not come with one included.

7. Source Selector

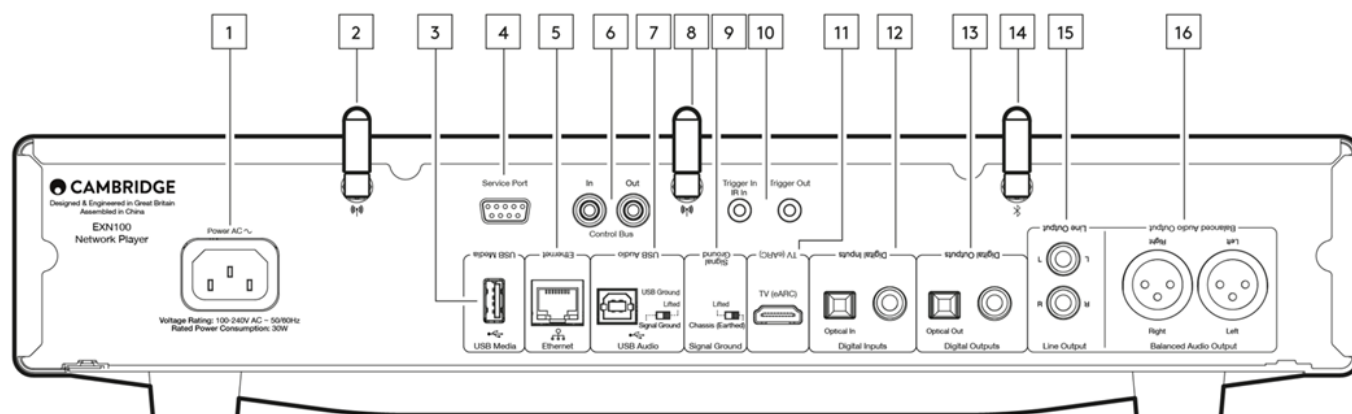
Scroll through sources enabled in the StreamMagic app.

8. Volume Control

When Pre-amp mode is enabled, this will control volume via the analogue outputs.

Rear panel connections

Last updated: October 1, 2024 02:11. Revision #14077



1. AC Power socket

Once you have completed all connections to the amplifier, plug the AC power cable into an appropriate mains socket then switch on.

2. Wi-Fi Antenna

Ensure antenna is connected securely before use.

3. USB Media

For connecting local media storage. Note that the USB ports are not intended for connection to mobile devices; no functionality, charging or otherwise is supported.

4. Service Port

For servicing use only.

Note: Connecting any other device here may result in damage.

5. Ethernet

Use to connect the EXN100 directly to a network router. Use a wired connection for seamless playback of high-resolution 352.8kHz, 384kHz, and DSD 256.

6. Control Bus

RCA sockets used to send and receive power and volume commands from other connected EX Series products. For more information on the Control Bus, see Control Bus section.

7. USB Audio In

A USB B type socket to enable connection to PC, Mac and some Linux computers.

Note: For Class 2 USB audio, Windows-based PCs require a Cambridge Audio USB driver to be installed before connection. You can find the latest USB driver [here](#).

USB Ground Switch

Note: The ground switch position should be set to lifted as default. Use another position if a humming noise occurs.

Lifted – Normal/default position. The main unit audio ground is lifted from chassis earth.

Chassis earthed – USB Audio ground is lifted from the main unit audio ground, which is also lifted from chassis earth. This may be useful to reduce hum and noise that can occur with some USB Audio setups.

8. Wi-Fi Antenna

Ensure antenna is connected securely before use.

9. Signal Ground Switch

Lifted – Normal/default position. The main unit audio ground is lifted from chassis earth.

Chassis earthed – Main unit audio ground is connected directly to chassis ground. For some setups, this can reduce hum or noise when certain TVs, Turntables, and other equipment are connected to the EXN100 unit.

10. Triggers

Trigger Out - Use a link wire between the EXN and a product that has a trigger input. This will synchronise the power state of both products when powering the EXN on/standby.

Trigger/IR In

Trigger In - Use a link wire between a product that has a trigger output and the EXN
IR In - Receives modulated IR commands from an IR repeater or custom install systems.

11. Enhanced Audio Return Channel (eARC)

A connection from a TV that supports eARC and ARC via HDMI connection.

12. Digital Inputs (Coax and Optical)

TOSLINK and S/P DIF coaxial digital inputs.

Coaxial – Use a high quality 75 ohm digital RCA Phono interconnect cable (This is different from an analogue audio phono interconnect). This input is suitable for 16-24 bit content up to 192kHz.

TOSLINK Optical – Use a high quality TOSLINK fibre optic interconnect cable designed specifically for audio use. This input is suitable for 16-24 bit content up to 96kHz (TOSLINK is not recommended at 192kHz sampling rates).

Note: If a digital input is connected to a TV, you can enable TV mode in the sources settings of the StreamMagic app. This mode minimises lip-sync delays on the audio path by bypassing MQA decoding and also reduces the chance of dropouts and glitches from some TVs.

13. Digital Outputs

TOSLINK and S/P DIF coaxial digital outputs.

14. Bluetooth Antenna

Bluetooth functionality won't be possible if this antenna is not connected.

15. Line Output

Line Output (fixed or variable) used to provide a signal to another amplifier or a recording device.

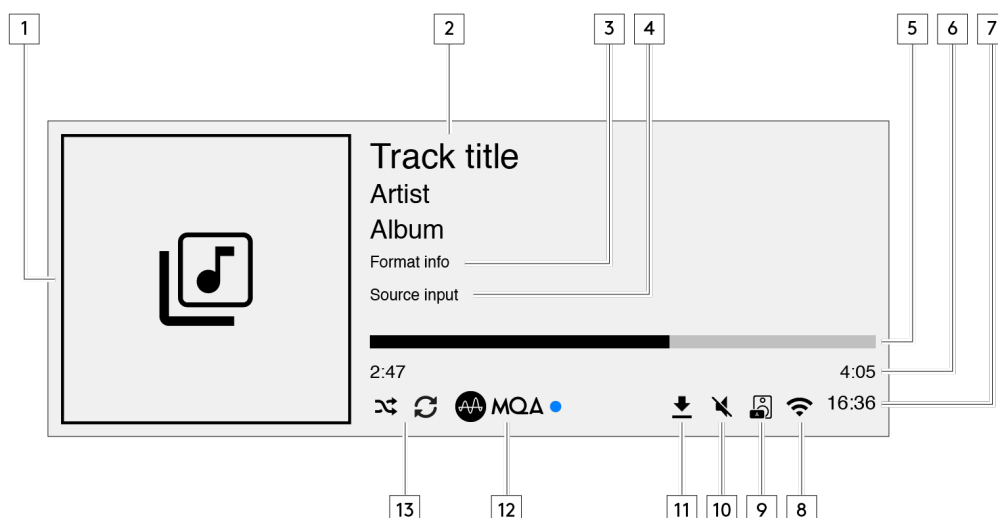
16. Balanced Audio Output

For use with balanced XLR connections. The balanced connection is the higher quality option and can reject noise and interference in the cable when used with other equipment that supports this function.

Note: XLR connectors should be wired as follows: Pin 1: Ground, Pin 2: Hot (in-phase) and Pin 3: Cold (phase-inverted).

Display

Last updated: January 18, 2024 09:46. Revision #14076



1. Album/Source artwork

Displays the album artwork. Alternatively, if no artwork is available this will display the source input icon.

2. Track title, artist and album

For Internet Radio, this will display the radio station name and the current playback.

3. Format info

Displays the streaming sample rate. For Internet Radio, this will display the bitrate the station is streaming.

4. Source input

Displays the currently selected source input.

5. Progress bar

When available, this will display the current track progression during playback.

6. Track time

When available, this will display the elapsed track time during playback.

7. Clock

8. Network connection

Displays the current network connection.



Wireless network connection



Wireless connection with no internet access



Wired network connection



Wired connection with no internet access



No network connection

9. Speaker output

Displays the currently selected speaker output on relevant network streamers.

10. Mute volume

Displays when the network streamer is muted.

11. Firmware update

This indicates when new firmware is available. Press the 'Info' button on the front panel or use the StreamMagic app to update the network streamer's firmware.

12. MQA indicator

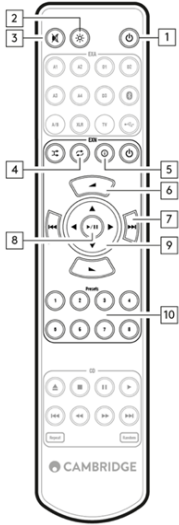
See the [MQA](#) section for more details.

13. Shuffle, Repeat and Repeat +1

Remote Control

Last updated: September 27, 2024 03:42. Revision #14075

Note: The EXN100 does not come with a remote control, it supports infrared control using the remote control of the EX series. In addition, EXN100 can also be controlled in more detail through the StreamMagic App



1. Standby/On

Switches the EXN100 between On and Standby mode.

2. Brightness

Alters the brightness of the EXN100 display. There are two brightness levels and an option to switch off the backlight.

Note: When the brightness is switched to 'off', selecting any of the functions will briefly switch on the lights to show the change.

3. Mute

Press to mute or un-mute the audio. This can only be used with Pre- amp mode enabled.

4. Random

Play random track within queue.

5. Info

Tapping will toggle between display information.

Holding will display the 'info' screen.

6. Volume

Volume level adjust. This can only be used with Pre-amp mode enabled when connected via the analogue outputs.

7. Skip

Skips between previous and next tracks.

8. Play/Pause

Play or Pause current track.

9. Source Selector

Scroll through sources enabled in the StreamMagic app.

10. Presets

Recalls stored 1 – 8 presets.

If the remote control will not function, please check that the batteries have not expired, and that there is nothing blocking the front panel IR sensor.

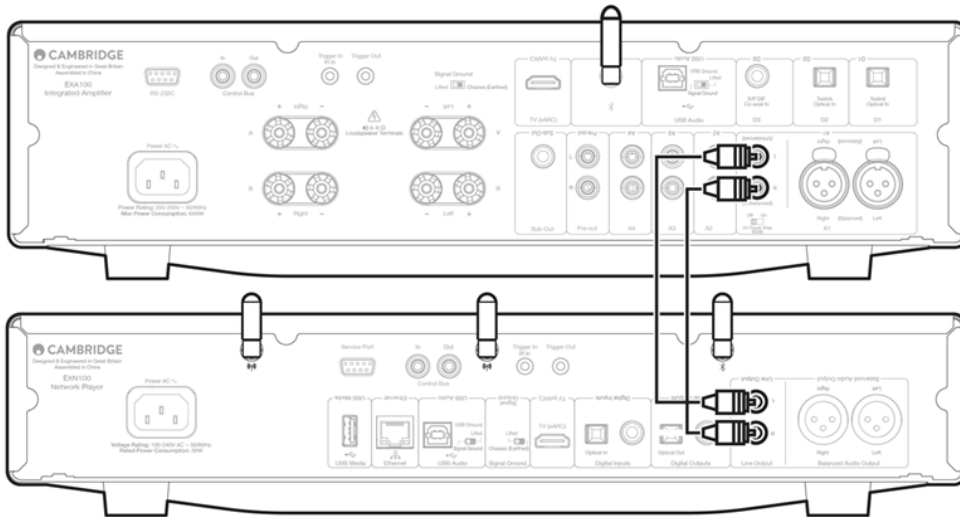
Getting connected

Last updated: September 27, 2024 03:41. Revision #14074

Basic Analogue Connections

Important Note: Switch the power off before making any connections. There are two analogue connection options for the EXN100.

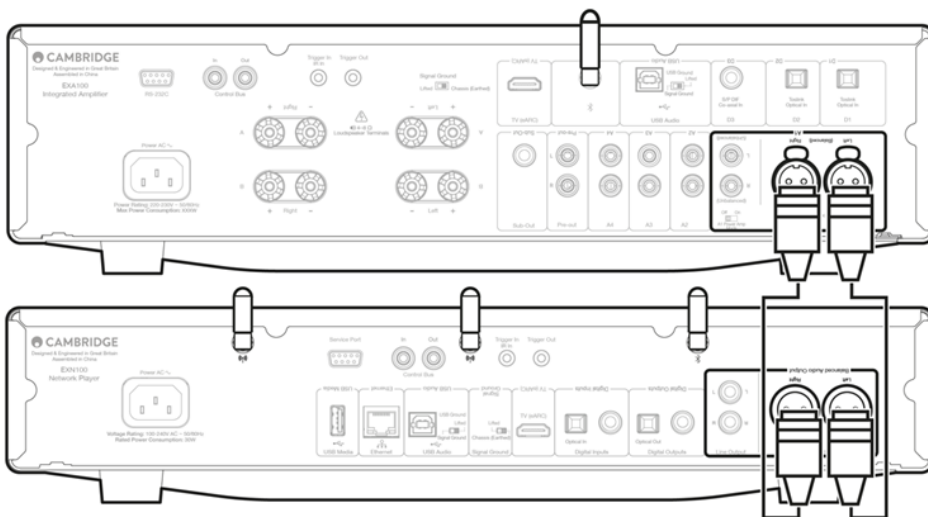
Line Output Connection (RCA)



Balanced Audio Connection (XLR)

The balanced connection is the higher quality option and can reject noise and interference in the cable when used with other equipment that supports this function.

Note: XLR connectors should be wired as follows: Pin 1: Ground, Pin 2: Hot (in-phase) and Pin 3: Cold (phase-inverted).



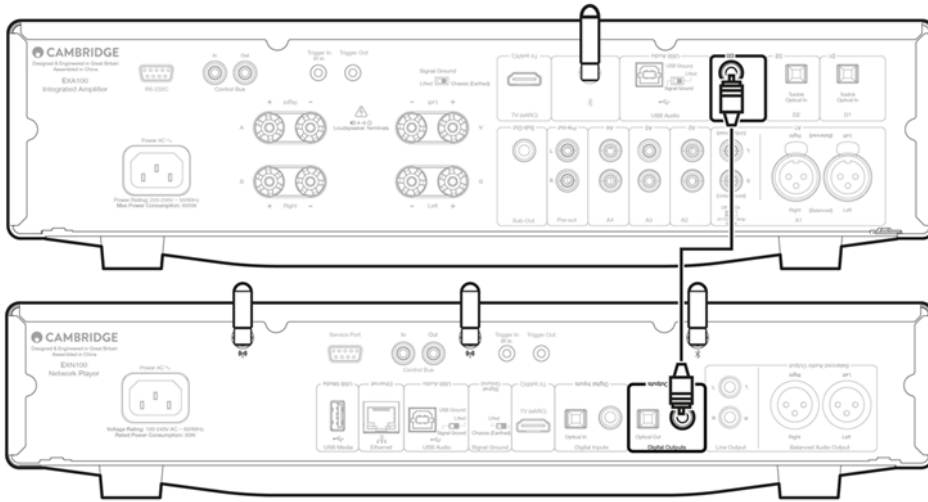
Digital Connections

There are two digital connection options for the EXN100.

Note: If using either of the digital outputs of the EXN100, the digital signal will bypass the DAC in EXN100 and will instead be processed by the unit connected to the digital output, E.g., EXA

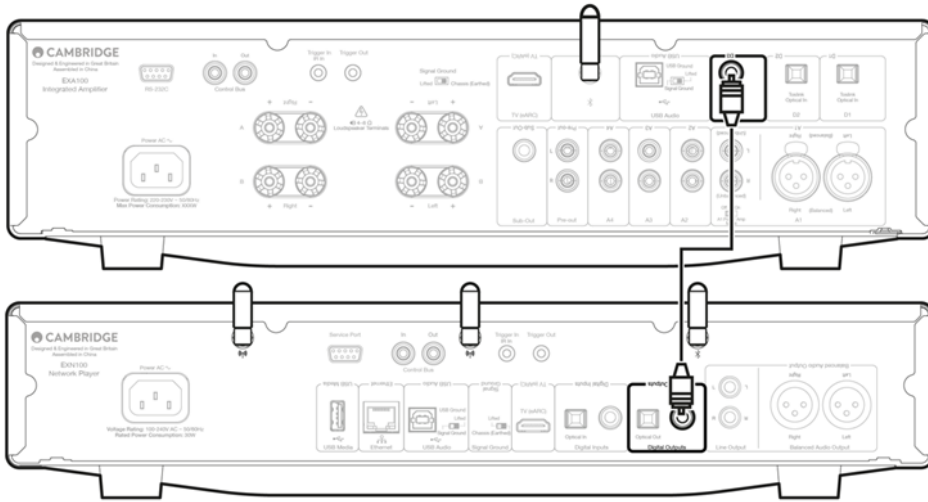
Digital Coaxial Output

Digital Coaxial connections are commonly used with CD players and amplifiers and are recommended for use as they have a higher bandwidth.



TOSLINK Optical Output

Whilst having lower bandwidth than coaxial cables, TOSLINK Optical connections are commonly found on televisions, DVD players and A/V units.



Control Bus

Last updated: October 9, 2024 09:03. Revision #14081

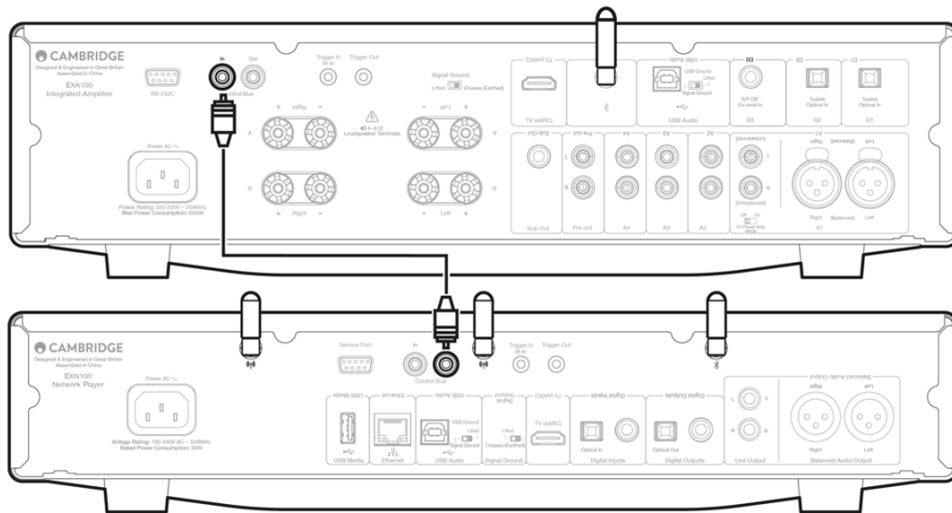
The Control Bus lets you control your other EX series units. See the following diagrams when connecting the EXN100 using the provided Control Bus cable.

Another added feature with Control Bus is the use of the StreamMagic app. You can use the StreamMagic app to control other EX series units via the EXN100.

EXN100 with EXA (via StreamMagic app)

When using the app to turn the EXN100 on/off, this will also turn the EXA on/off. The app can also be used to control the volume of the EXA. Connect the EXN100 Control Bus Out to EXA Control Bus In.

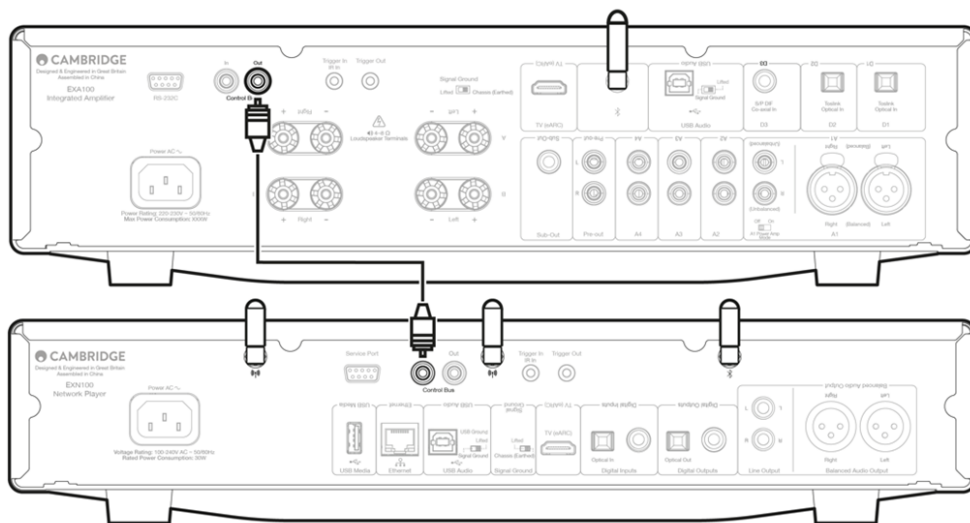
If you wish to control the volume of your EXA via the app, ensure that the 'Pre-amp' mode is disabled and 'Control Bus' has been set to 'Amplifier' in the app device settings.



EXA with EXN100

Note: Without using the StreamMagic app to control the EXA.

When turning the EXA on/off, this will also turn the EXN on/off. Connect the EXA control bus out to EXN in.



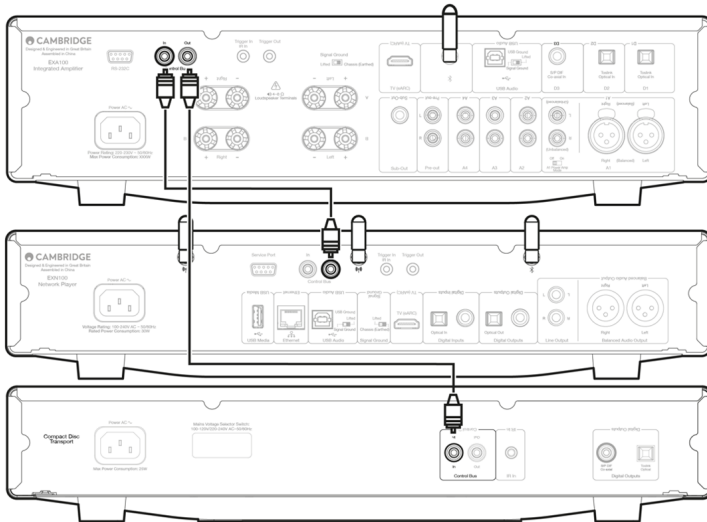
EXA with EXN100 and CXC

When turning the EXN on/off, this will turn the EXA and CXC on/off.

With all three EX devices, connect the EXN Control Bus out to EXA Control Bus in. Then connect the EXA Control Bus out to CXC Control Bus in.

Note: Do not loop back from the CXC Control Bus out to the EXN Control Bus in.

Control Bus will also need to be enabled and set to 'Amplifier' within the EXN device settings in the StreamMagic app once the app has been connected to the EXN.



Note: The EXA, EXN and CXC all have an Auto Power Down (APD) function. If APD is enabled and one of the devices is switched on but inactive, the device will automatically power down after the selected APD time. This will then switch off all the other connected devices, due to the Control Bus connection.

If you don't want the devices to go into standby automatically, we would recommend disabling the APD feature on each device.

Connecting to a network

Last updated: October 1, 2024 12:36. Revision #14073

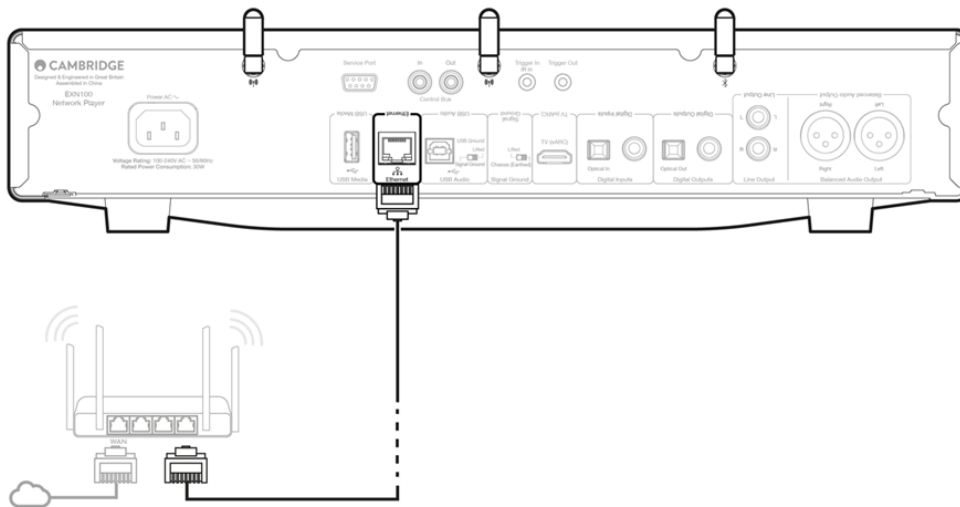
Important Note: It is vitally important that your Network Player remains connected to an internet network as often as possible, either via Wi-Fi or Ethernet. This will ensure that the unit is regularly updated to meet essential security protocols, third party compatibility.

Firmware upgrading is highly recommended. It enhances stability, improves performance, and adds new features for a better user experience.

Note: Your player is not compatible with captive portal networks. Where possible, avoid the use of powerline adapters and Wi-Fi signal boosters/extenders, as these can disrupt the reliability of the network connection.

Connecting to a Wired Network

1. Connect a network cable between your device and your router.
2. Your device will now automatically connect to the network.



Connecting to a wireless network

iOS:

1. Connect both of the supplied Wi-Fi antennas to the rear of the unit, and ensure that it's in range of your wireless router. Then power on your unit.

Note: If you are setting up your device for the first time or after a factory reset, you will first need to follow the on screen instructions to select your preferred language after powering on your unit.

2. Go to the Wi-Fi settings on your iOS device and under 'SETUP NEW AIRPLAY SPEAKER' select the name of your Network Player.

Note: Some iOS devices won't show an option for 'AirPlay Speaker'. In this instance still select the name of your Network Player.

3. Once connected, complete unit setup by downloading and installing the [StreamMagic app](#) from the [Apple App](#) store.

Android:

1. Connect both of the supplied Wi-Fi antennas to the rear of the unit, and ensure that it's in range of your wireless router. Then power on your unit.

Note: If you are setting up your device for the first time or after a factory reset, you will first need to follow the on screen instructions to select your preferred language after powering on your unit.

2. Download and install the [StreamMagic app](#) from the [Google Play](#) store.
3. Open the StreamMagic app and select 'Connect'.
4. Under Choose a device select 'Set up a new device' and then select the name of your Network Player.
5. Select 'Wireless Connection' and then 'Continue'.
6. Your Android device will now show all available Wi-Fi devices in range. Select the name of your Network Player.
7. Once connected, you will be prompted to enter your Wi-Fi network password. Enter the password and select 'Continue'.
8. Your device will now connect to your Wi-Fi network, this may take up to a minute.
9. Once connected, complete the initial setup of your unit within the StreamMagic app.

StreamMagic app - Setup

Last updated: August 9, 2024 09:07. Revision #14091

Your player is network connected, not only can you listen to devices connected to the inputs on the product but you can also stream music from many different sources both on your home network and from the internet.

To set up your player, please first download the StreamMagic app from the Apple app store or Google Play store.



Set up

1. Switch on your player and follow the on screen instructions to select your preferred language.
2. Open the StreamMagic app and follow the instructions provided to complete setting up your player on your network. This process will also apply any new updates that may be pending.

Note: During the set up process you will be asked to give your player a name, please make sure this is unique to your player. This will make it easier to find when using streaming and smart home services.

Once your player is connected to your home network you'll have full control of your sources, including internet radio, streaming services, network and USB drives and more.

For more information on our StreamMagic app, please visit: <https://www.cambridgeaudio.com/gbr/en/products/streammagic>

Google Home / Google Cast

Last updated: June 27, 2024 11:47. Revision #14090

Your player features Google Cast and can be incorporated in to your Google Home. To set up your player, download the Google Home app on your smart phone or tablet.



With Google Cast built in to your player, your phone becomes your remote. Simply tap the Cast button from apps you already know and love to stream music, podcasts and playlists from your phone, tablet or laptop to your player.

Google Cast

Your phone is your remote

- Simply tap the Cast button from apps you already know and love. No new logins or downloads required.
- Use your phone to search, play, pause and turn up the volume from anywhere in the home.
- While you're streaming, you can keep using your phone for other things – scroll through social media, send a text, and even accept calls.
- Enjoy music throughout your house when you use multi-room casting with Google Cast-enabled speakers.
- Just say "Hey Google" to cast to your player

Unlimited entertainment, all on your schedule

- Works with hundreds of apps and new apps are being added all the time.
- Choose from millions of songs from popular music services like Pandora, Spotify, and Youtube Music.

Note: When first setting up your Player via the StreamMagic app or after a factory reset, please ensure that you accept Google's terms and conditions when prompted to enable Google Cast functionality.

Android, Google Play and the Google Cast-enabled logo are trademarks of Google Inc.

Full Google Cast-enabled features may not be available in some territories.

Internet radio

Last updated: October 3, 2024 09:36. Revision #14089

You can browse and play a wide variety of Internet Radio stations in the StreamMagic app Radio tab. You can also assign up to 99 of your favourite Internet Radio stations and other media as presets on your player, which can then be recalled using the StreamMagic app. A limited amount of presets can be recalled via the remote control if your player includes one.

You can search and assign a preset via the StreamMagic app:

1. Within the StreamMagic app navigate to the **Radio** tab.
2. Use the **Search for Radio** search tab at the top of the page or enter a Custom URL link by selecting URL.
3. Once you have located the station you wish to store, select and you will be prompted with the option to **Play now** or **Add to presets**.
4. Add station to the desired preset for your player between 1-99.
5. You will then receive confirmation that the station is saved to the chosen preset.

Note: Please ensure that the custom URL stream is one of the following supported file types: ALAC, WAV, FLAC, AIFF, DSD (x256), WMA, MP3, AAC, HE AAC AAC+, OGG Vorbis.

To remove a preset (iOS):

1. Within the StreamMagic app navigate to the **Home** tab.
2. Scroll to the bottom of the page where you find your player's **Presets**, and select **EDIT**.
3. To remove a station from preset, tap the red circle icon and then press **Delete**.

To remove a preset (Android):

1. Within the StreamMagic app navigate to the **Home** tab.
2. Scroll to the bottom of the page where you find your players **Presets**, and select **EDIT**.
3. Tap on the station you wish to remove.

Note: You may also assign a preset using a remote control if your player includes one, by pressing and holding a number on the remote whilst a station is playing.

Bluetooth

Last updated: October 3, 2024 09:37. Revision #14088

The Bluetooth source allows your player to receive wireless Bluetooth audio from most phones, tablets and laptops.

Pairing

To begin streaming high-quality music from your chosen media source it will first need to be paired with your player.

1. Within the StreamMagic App navigate to the Home tab.
2. Use the "Edit" option of the source to add the Bluetooth source.
3. Return to the Home tab and select the Bluetooth source.
4. Open your mobile device or laptop's Bluetooth settings.
5. Select your player from the list of available devices.
6. Your device should now connect to your player.

Once paired you should be able to connect to your player at any time by selecting the Bluetooth source on your player and then choosing your player from the list of previously connected devices.

Note:

Your Bluetooth device can only be connected to your player while the Bluetooth source is selected.

AirPlay

Last updated: October 3, 2024 09:38. Revision #14087

AirPlay is an Apple technology designed to control home audio systems and speakers in any room — with a tap or by just asking Siri — right from iPhone, iPad, HomePod, or Apple TV. Play a song in the living room and kitchen at the same time or adjust the volume in any room, all in sync.

After installing your player, add it to the Apple Home app with a few simple steps using your iPhone or iPad

How to use AirPlay from iPhone or iPad

1. Ensure your player is connected to your network.
2. Open the app that you want to AirPlay from.

3. Tap  or .

4. Select your player as your AirPlay device.

How to use AirPlay from Control Center

To switch the audio on your device from Control Center:

Swipe down from the top right side of the screen on your device to open Control Center.

Touch and hold  in the upper-right corner, then select your player.

This product supports AirPlay 2 and requires iOS 11.4 or later.

Apple and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries.

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

Built-in streaming services

Last updated: October 3, 2024 09:34. Revision #14086

Your player has the following built-in streaming services:

- Spotify Connect
- TIDAL
- Qobuz
- Deezer

Note: It is essential that the device you are streaming from (smartphone, tablet, computer, etc.) is on the same Wi-Fi network as your player, to ensure that the units can communicate with each other.

Spotify Connect

Use your phone, tablet or computer as a remote control for Spotify.

Go to spotify.com/connect to learn more.

TIDAL (Connect)

1. Open the TIDAL app and choose the playlist, album, song, etc. that you wish to stream to your player.
2. Select the Sound Output devices icon within TIDAL and select your player from the list.
3. TIDAL Connect should now be streaming your chosen content to your player.

Go to tidal.com/connect to learn more

TIDAL (via StreamMagic)

1. Open the StreamMagic app and navigate to the Library tab, and then select TIDAL.

Note: Please ensure that you sign into your TIDAL account when prompted to do so. This will only be required on the first instance of use to link the account to the StreamMagic app.

2. Choose the playlist, album, song, etc. that you wish to stream to your player.
3. TIDAL should now be streaming your chosen content to your player.

Qobuz (via Google Cast)

1. Open the Qobuz app and choose the playlist, album, song, etc. that you wish to stream to your player.
2. Select the Google Cast icon within Qobuz and select your player from the Qobuz Connect list.
3. Qobuz should now be casting your chosen content to your player.

Qobuz (via StreamMagic)

1. Open the StreamMagic app and navigate to the Library tab, and then select Qobuz.

Note: Please ensure that you sign into your Qobuz account when prompted to do so. This will only be required on the first instance of use to link the account to the StreamMagic app.

2. Choose the playlist, album, song, etc. that you wish to stream to your player.
3. Qobuz should now be streaming your chosen content to your player.

Deezer (via Google Cast)

1. Open the Deezer app and choose the playlist, album, song, etc. that you wish to stream to your player.
2. Select the speaker icon within Deezer, then select 'Google Cast'. Select your player from the list.
3. Deezer should now be casting your chosen content to your player.

Deezer (via StreamMagic)*

1. Open the StreamMagic app and navigate to the Library tab, and then select Deezer.

Note: Please ensure that you sign into your Deezer account when prompted to do so. This will only be required on the first instance of use to link the account to the StreamMagic app.

2. Choose the playlist, album, song, etc. that you wish to stream to your player.

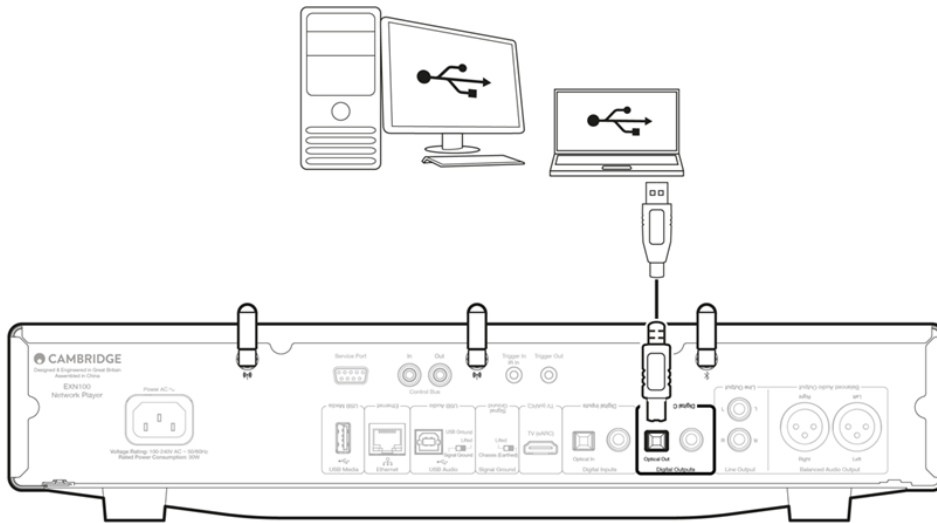
3. Deezer should now be streaming your chosen content to your player.

*Deezer is only available within the StreamMagic app when running firmware version 129-b-004 or later and StreamMagic app version 2.9.0 or later.

USB Audio

Last updated: September 27, 2024 03:41. Revision #14085

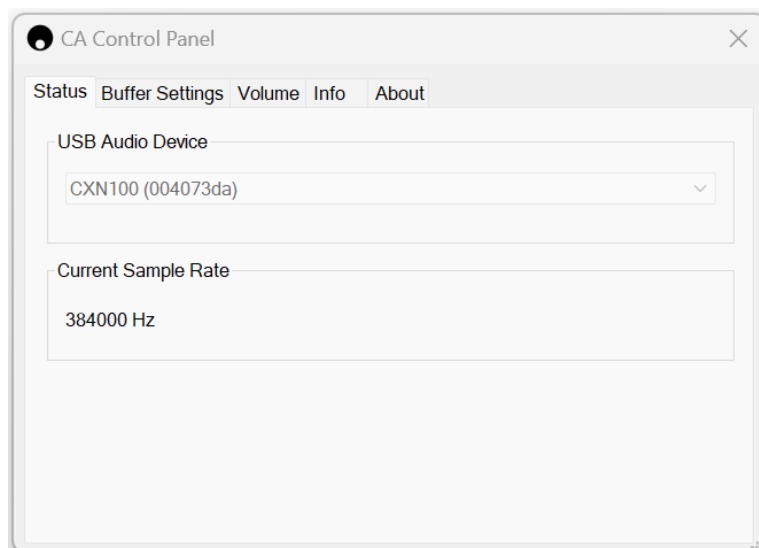
Important note: Before setting up your device for the first time, please make sure that the USB Audio connection is unplugged. USB Audio can be re-connected once any firmware updates are applied.



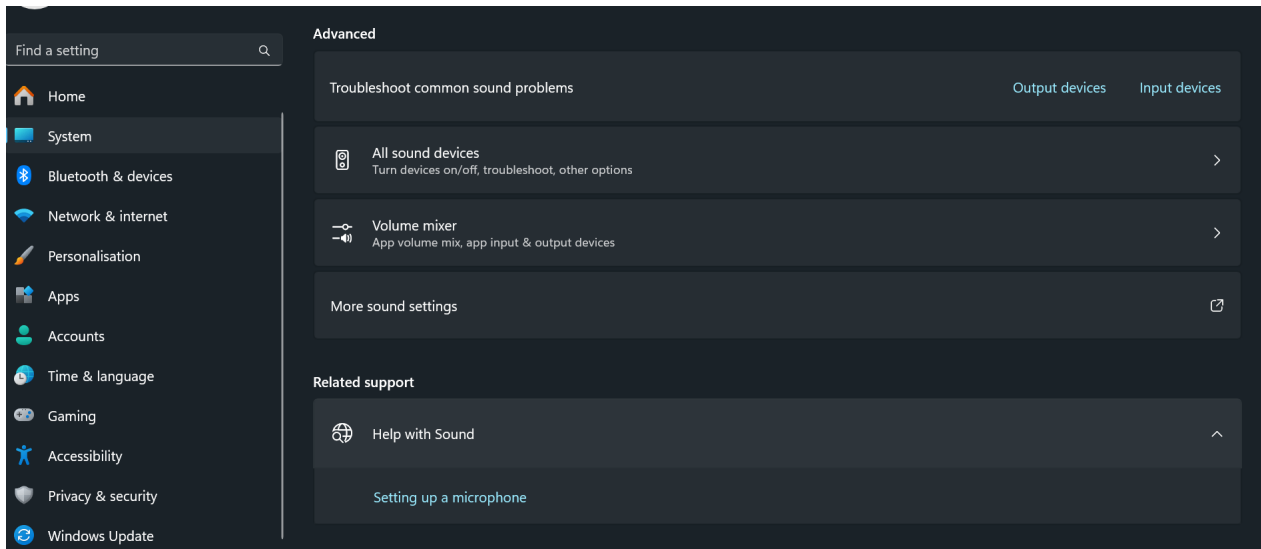
PC Setup

Note: Before connecting your PC to the Network Player, ensure you install the required Cambridge Audio Windows 2.0 USB driver on your PC. Please find information on the most recent USB Audio driver [here](#), and a link to download the latest driver [here](#).

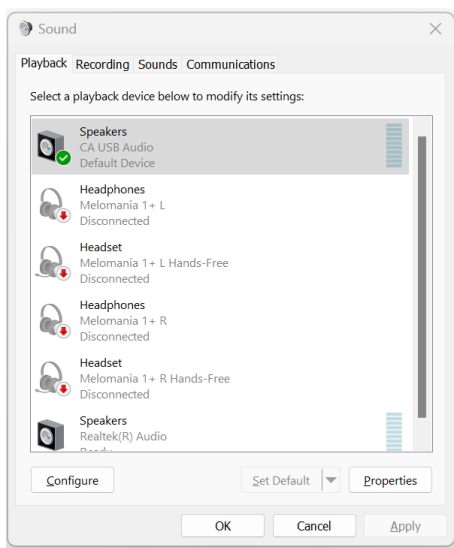
1. Connect your device to your PC.
 - After installing the correct driver, using a USB Audio cable (Type A to Type B), connect the USB Audio In on your device to a USB port on the PC.
2. Select the USB Audio source.
 - This can be done using the source selector on the front of the device, or by going to the **Home** tab and then selecting USB Audio within the **Sources** section of the StreamMagic app.
3. Navigate to the **CA Control Panel** which should now be installed in your Windows taskbar. This will show any connected Cambridge Audio USB Audio device and current sample rate.



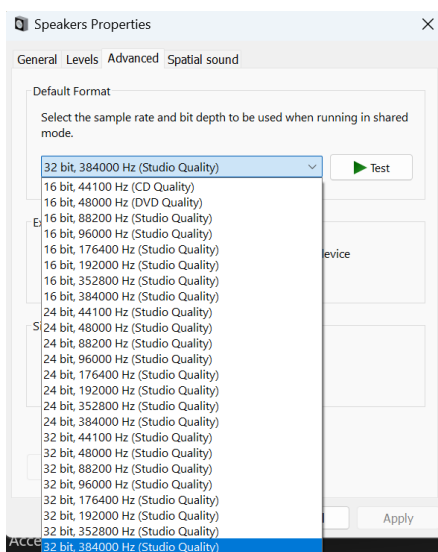
4. On your PC, navigate to **Settings > System > Sound**. Select your Network Player as your output device from the drop-down menu.
5. Within this same window under **Related Settings** on the right-hand side, select **Sound Control Panel**. Alternatively, scroll down and select **More Sound Settings**.



6. On the **Playback** tab, ensure that the device is the default output device, then select **Properties**.



7. Within **Speaker Properties**, navigate to the **Advanced** tab. Select the desired bit depth and sample rate preference. (This step is optional.)



Note: Not all Windows versions support playback at sample rates greater than 384kHz. If you experience issues please set the default Windows playback format to 384kHz or lower, then restart your Network Player.

8. Your PC's output will now playback via your Network Player.

Mac Setup

Note: No extra drivers are required when using a Mac.

1. Connect your device to your Mac.

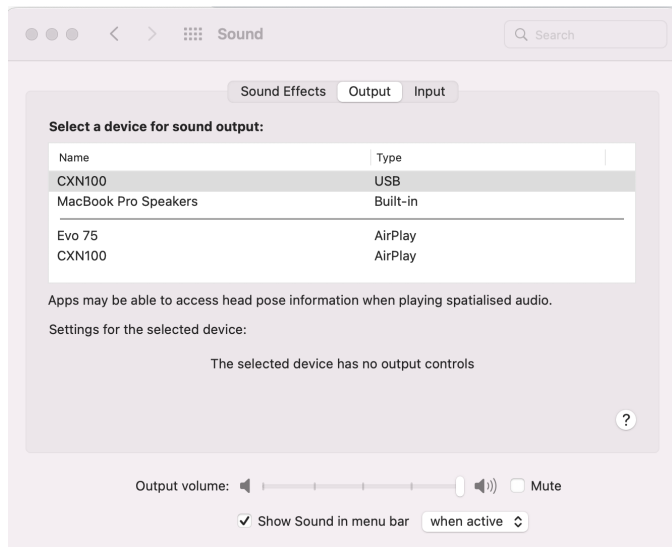
- Using a USB Audio cable (Type A to Type B), connect the USB Audio In on your device to a USB port on the Mac.

Note: If using a Mac without a USB Type A port, you may also use USB Type C (Thunderbolt 3) to USB Type B connection.

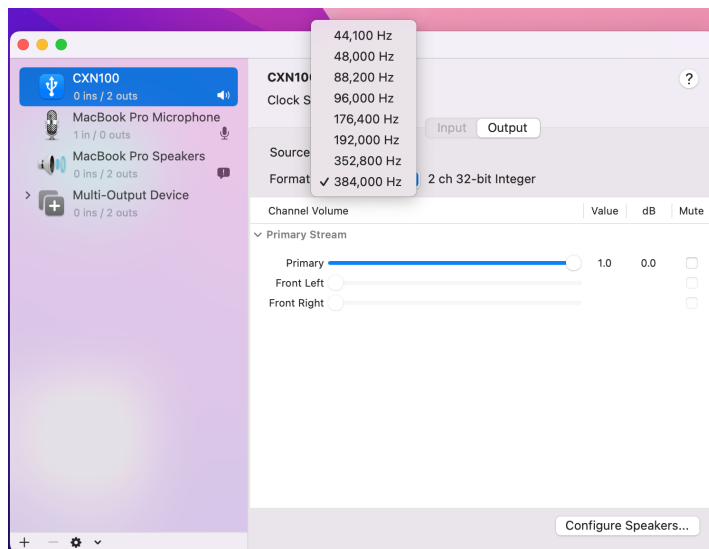
2. Select the USB Audio source.

- This can be done using the source selector on the front of the device, or by going to the **Home** tab and then selecting **USB Audio** within the Sources section of the StreamMagic app.

3. Within the **System Preferences** of the Mac, locate the **Sound** settings. Select your Network Player as the output sound device.



4. On the Mac navigate to **Applications > Utilities > Audio MIDI Setup**. Select the device as the output sound device on the left column, and then using the drop-down options select the desired bit depth and sample rate preference.



Note: This step is optional.

5. Your Mac's output will now playback via your Network Player.

USB Media

Last updated: October 3, 2024 09:39. Revision #14084

You may connect a USB SSD, USB HDD or flash drive to your player via the USB Media input located on the rear of the unit for playback. Once connected, the following formats are supported: ALAC, WAV, FLAC, AIFF, DSD, WMA, MP3, AAC, HE AAC, AAC+, OGG Vorbis

Note: your player will read large capacity hard drives connected to the USB input. However, some larger capacity drives will require you to use their own power supply.

Your player only supports USB hard drives which are formatted to FAT32, exFAT, NTFS and Ext4.

The primary function of your player is as a network music player. The USB ports are intended for convenient connection of USB thumb drives. As such, we cannot guarantee compatibility with all USB HDD's.

USB Media Playback (via StreamMagic app)

1. Connect a USB SSD, HDD or flash drive to rear panel USB Input.
2. Navigate to the Library tab of the StreamMagic app.
3. Under USB Drives, locate your USB Media device and open.
4. Upon selecting a track you will have the option to 'PLAY FROM HERE', 'PLAY TRACK NOW', 'PLAY TRACK NEXT' or 'QUEUE TRACK'.

Playback Options:

PLAY FROM HERE - Playback of album/folder will begin from this point onwards.

PLAY TRACK NOW - Selected track will playback immediately.

PLAY TRACK NEXT - Selected track will be added to queue and playback next.

QUEUE TRACK - Selected track will be added to playback queue.

Streaming your local digital music collection

Last updated: May 14, 2024 03:09. Revision #14083

Your player can play content from many different physical sources and this section will explain what you need to do to access and play your locally stored digital music collection. 'Locally Stored' means the digital music files you have on your **PC, Mac** or **Network Attached Storage devices (NAS)**.

To stream local content, you will need the following hardware and software running in your network:

1. Your Cambridge Audio Network Player.
2. A mobile device such as a smartphone or tablet on which you can run the StreamMagic app, or by accessing your collection via the front panel controls.
3. A hard drive, computer or NAS containing your compatible digital music files.
4. An active UPnP music or media server.
5. A router which is configured to allow the UPnP service.

Note: The above items must be correctly connected and configured, and it is important to note that depending on the server, NAS, computer, etc. you're using, this will differ from setup to setup. To help you with this we have created best practice guide which should get you up and running with minimal fuss and effort. This can be found [here](#).

MQA (Master Quality Authenticated)

Last updated: October 3, 2024 09:40. Revision #14082

Your player includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.



The front panel will display MQA green or blue to indicate that the unit is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. It displays MQA blue to indicate it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

Settings

Last updated: October 1, 2024 12:40. Revision #14092

Device Name

This is how your player will appear in your StreamMagic app and on your home network when using services like Spotify, Chromecast built-in and TIDAL Connect.

Giving your player a unique name makes it easier to distinguish when using streaming and smart home services.

AirPlay Name

This is how your player will appear when using AirPlay or the Apple Home app.

Standby Mode

This selects what type of standby mode your player will use.

Network Standby means your player will still be controllable by the StreamMagic app and other network services while in standby.

If ECO mode is chosen, your player will use even less power in standby but will need to be switched on either by the front panel or the remote control. It will not be controllable via the app or other network services while in standby.

Automatic Power Down

This sets how long your player will wait while inactive before switching to standby.

Display Brightness

This sets the brightness of your player's display. If set to 'Off' the display will show for a few seconds after any change and then switch off. Room

Ready DSD

This will allow you to choose how Roon provides DSD content.

Use DoP for digital output – If your device does support native DSD in DoP format. Use PCM for digital output – If your device doesn't support native DSD.

Control Bus

If your device is connected to a Cambridge Audio amplifier using a control bus connector, volume commands can be sent directly to the amplifier. For more information, please refer to the Getting Connected section of this manual under 'Control Bus' here.

Pre-Amp

With Pre-Amp mode enabled, the volume of the device's analogue outputs can be controlled using the app or rotary dial.

Note: Pre-Amp mode and volume control can only be enabled when connected via the analogue outputs.

Volume Limit

This sets the maximum volume that other streaming services like AirPlay, Spotify, TIDAL Connect and Google Cast and set. The front panel, remote control and StreamMagic app volume controls can override this setting.

Early Update

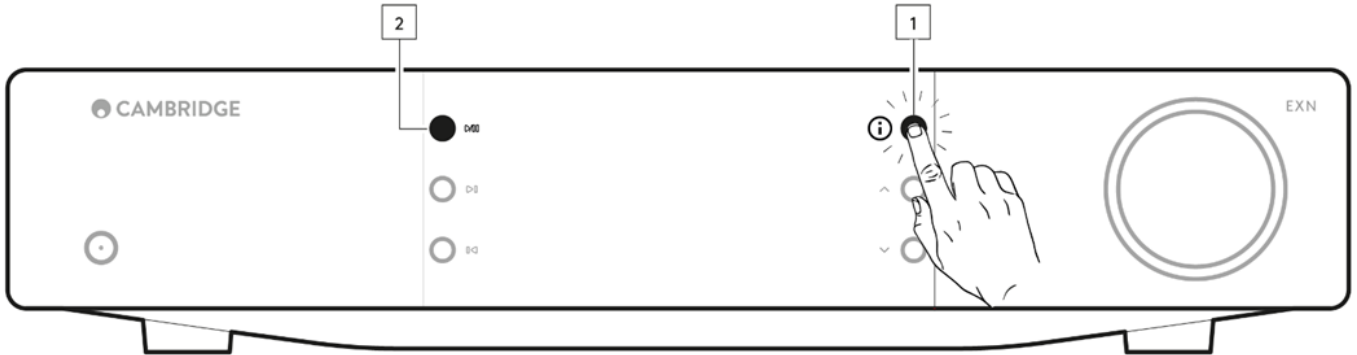
Setting this to 'On' will let you try out the latest firmware ahead of general release.

Firmware

This will check for and apply any new firmware available for your player.

You can also check for new updates on the info screen and manually update the unit's firmware by following the steps below:

1. Hold down the 'i' (Info) button on the front panel
2. As instructed on the display, press the 'play/pause' button to check for new firmware. The new firmware version will now update if there is one available.



When left in network standby overnight your player will check and apply any new updates.

Note: Your network player must be connected to the internet to carry out firmware updates. You should keep your network player connected to ensure optimal performance.

Restart

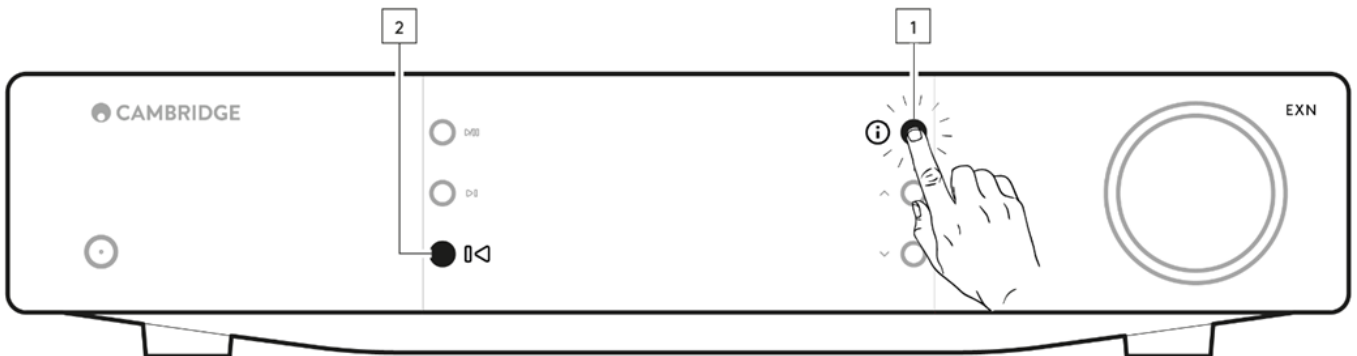
This will restart your device and it will briefly lose connection with your network and the app.

Factory Reset

This will return your player to its factory settings.

You can also do this from the info screen by following the steps below:

1. Hold down the 'i' (Info) button on the front panel.
2. As instructed on the display, hold down the 'reverse skip' button to perform the factory reset.

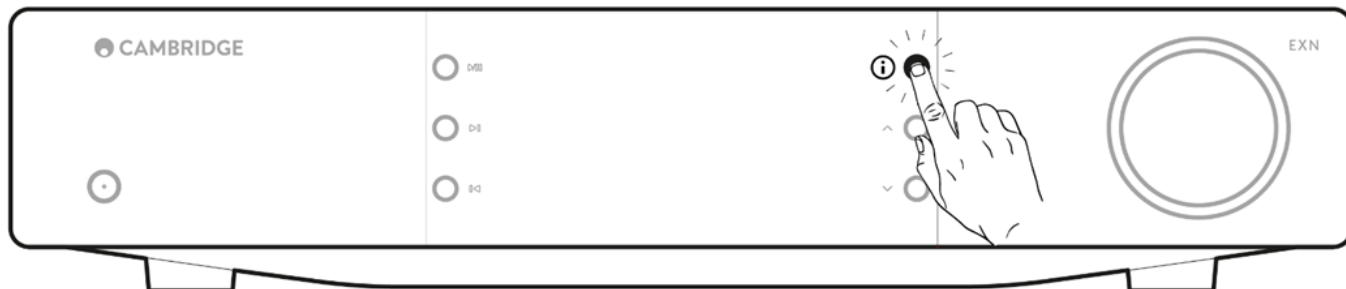


Info screen

Last updated: September 27, 2024 03:40. Revision #14093

The info screen shows useful information about your player, it also allows you to carry out some actions to help resolve problems with your player.

To access the info screen, hold the  button on the front panel for 2 seconds.



Technical specifications

Last updated: September 27, 2024 03:40. Revision #14094

D/A converters

ESS ES9028Q2M

THD @ 1kHz 0dBFS

< 0.0005 %

THD @ 20kHz 0dBFS

< 0.0005 %

Frequency response

20Hz-20kHz +/- 0.1dB

Signal to noise ratio (REF 1W)

> 120dBr

Crosstalk @ 1kHz

< -120dB

Digital outputs

S/PDIF Coaxial

16/24-bit, 32-192kHz

TOSLINK Optical

16/24-bit, 32-96kHz

AUDIO FORMATS

WAV containing uncompressed, PCM 16-32 bit 32-768kHz, FLAC containing losslessly compressed, PCM 16-32 bit 32-768kHz, Apple Lossless (ALAC) containing losslessly compressed PCM 16-24 bit 32-192kHz, AIFF containing uncompressed, PCM 16-32 bit 32-768kHz, Microsoft® Windows Media TM Audio (WMA 9 Standard) 32-320kbps, MP3 (CBR or VBR) 16-320kbps, AAC, HE AAC and AAC+, (CBR or VBR) 16-320kbps, OGG Vorbis 32-320kbps.

Native DSD64 to DSD512 support.

Streaming protocols

RTSP (Real Time Streaming Protocol), MMS (Microsoft Media Server Protocol), HTTP (Hyper Text Transfer Protocol).

Bluetooth

5.0 A2DP/AVRCP supporting SBC, aptX and aptX HD codecs

Connectivity

UPnP, Local USB media, Airplay , Google Cast , Internet Radio, Spotify Connect, TIDAL, Qobuz, Deezer, Roon Ready.

Playlist

ASX (Microsoft® playlist format) M3U, PLS

Wi-Fi

IEEE 802.11 b/g/n or AC (2.4GHz and 5GHz)

Wi-Fi encryption

WEP, WPA, WPA2

Ethernet

IEEE 802.3, 10 Base-T or 100 Base-T

USB

1 x USB 2.0 current limited to 1A

File systems

FAT32, NTFS, Ext4, ExFAT

Mains inlet voltage

100-240 VAC (switch mode) standby consumption

ECO Mode

<0.5W

Network Standby Mode

>2W

Max power consumption

30W

Dimensions

89 x 430 x 325mm (3.5 x 16.9 x 12.8")

Weight

4.15kg (9.1lbs)

Source quality matrix

Last updated: February 20, 2024 04:30. Revision #14097

SOURCE	DELIVERY METHOD	MAXIMUM RESOLUTION
Spotify Connect	Mobile/Desktop App	320kbps
Spotify AirPlay	Mobile/Desktop App	320kbps
Spotify Chromecast	Mobile/Desktop App	320kbps
Spotify Bluetooth	Mobile/Desktop App	aptX HD
TIDAL Connect	Mobile/Desktop App	24bit / 192 kHz
TIDAL (via StreamMagic app)	StreamMagic App	24bit / 192 kHz
TIDAL AirPlay	AirPlay 2	16bit / 44kHz
TIDAL Chromecast	Chromecast	24bit / 48 kHz
TIDAL Bluetooth	Bluetooth	aptX HD
TIDAL Roon	Roon Endpoint	24bit / 192 kHz
TIDAL Roon	USB Class 2	24bit / 192 kHz
TIDAL Desktop App	USB Class 2	24bit / 192 kHz
Qobuz (via StreamMagic app)	StreamMagic App	24bit / 192 kHz
Qobuz AirPlay	AirPlay 2	16bit / 44kHz
Qobuz Chromecast	Chromecast	24bit / 48 kHz
Qobuz Bluetooth	Bluetooth	aptX HD
Qobuz Roon	Roon Endpoint	24bit / 192 kHz
Qobuz Roon	USB Class 2	24bit / 192 kHz
Qobuz Desktop App	USB Class 2	24bit / 192 kHz
Third Party App (via AirPlay)	AirPlay 2	16bit / 44kHz
Third Party App (via Chromecast)	Chromecast	24bit / 48 kHz
Third Party App (via Bluetooth)	Bluetooth	aptX HD

Troubleshooting

Last updated: October 1, 2024 12:49. Revision #14095

If you have trouble connecting the Network Player to your network, these steps may help to resolve the problem:

- Ensure that you have followed the 'Connecting to a network ' steps in the manual [here](#).
- Ensure both Wi-Fi antennas are securely connected to the rear of the unit.
- Ensure your mobile device is connected to the same network you wish to connect your Network Player to.
- Remove any VPN or Anti-Virus app you may have downloaded on your mobile device, as they can sometimes prevent the app from 'seeing' other devices on the network.
- Remove any network switches/extenders etc. that are part of your network set up.
- Connect the unit directly to your router via an Ethernet cable.
- Perform a factory reset on your unit, and then attempt the network set up steps again.
- Check that a DHCP server is available, or that you have configured a static IP address on your Player. You can configure a static IP address on the unit via the 'Network' settings in the StreamMagic app.
- Reboot and/or factory reset your router.

If you have trouble connecting the StreamMagic app to your Network Player, these steps may help to resolve the problem:

- Ensure your mobile device is connected to the same network you wish to connect your Network Player to.
- Remove any VPN or Anti-Virus app you may have downloaded on your mobile device, as they can sometimes prevent the app from 'seeing' other devices on the network.
- Ensure that you have allowed the StreamMagic app to have access to devices on your network. You can check this via your mobile devices' app settings.
- Ensure both Wi-Fi antennas are securely connected to the rear of the unit.
- Check whether other apps and sources on your device are able to 'see' the unit. If they are, this would suggest that something on your device is preventing the StreamMagic app from 'seeing' the Network Player.
- Download the StreamMagic app on to another mobile device.
- Remove any network switches, extenders, boosters etc. that may be part of your network set up

If your Network Player is experiencing audio dropouts during playback from a network source, these steps may help to resolve the problem:

- Ensure both Wi-Fi antennas are securely connected to the rear of the unit.
- Remove any network switches, extenders, boosters etc. that may be part of your network set up.
- Connect the unit directly to your router via an Ethernet cable.
- Reset your network router.
- Perform a factory reset on your Network Player by following the steps in the manual [here](#).

If your Network Player can connect to the network successfully but is unable to play particular Internet Radio stations, it may be due to one of the following causes:

- The station is not broadcasting at this time of the day (remember it may be in a different time zone).
- The station is not broadcasting anymore.
- The link in our database is simply out of date. (You can request that a radio station is added or updated by following the steps in the following [FAQ](#).)
- The Internet connection between the server (often located in a different country) and you is slow.
- Try deleting and then re-installing the StreamMagic app on your device.
- If you are playing a radio preset, try deleting and then re-installing the preset in the StreamMagic app.

If you have problems with UPnP playback check the following:

- Ensure your chosen UPnP server software can serve the file type you are trying to access. Some servers do not serve FLAC for instance.
- This Network Player can only play non-DRM files. Files that have DRM controls cannot be played by the EXN100.
- If attempting to play 24-bit WAV or FLAC content, note a wired Ethernet connection is normally preferred for reliable operation due to bandwidth considerations
- Check the Network Player can play back the file type you are trying to access. WMA, AAC, HE AAC, AAC+, MP3, OGG Vorbis, FLAC, WAV, ALAC, AIFF can currently be played.
- Ensure your PC/NAS drive are connected to the same network as your Network Player.
- Ensure you have followed the required steps for PC/NAS drive configuration with a Network Player. You can find out more about this in the following [FAQ](#).

If you have problems with USB Media playback check the following:

- Check the Network Player can play back the file type you are trying to access. WMA, AAC, HE AAC, AAC+, MP3, OGG Vorbis, FLAC, WAV, ALAC, AIFF can currently be played.

- This Network Player can only play non-DRM files. Files that have DRM controls cannot be played by the EXN100. Check that your device does not require more than 1A if it is powered from the USB socket itself.
- Check your device is formatted in FAT32/NTFS/exFAT/Ext4 format.
- The way you organise your USB media can affect the size of the internal database the Network Player needs to scan dynamically as you browse content. It is good practice to create folders for Artists, within which should be a sub folder for each album containing the tracks for that album. Libraries with thousands of tracks in one folder will progressively slow down the Player's media browsing.

If you have problems connecting a Bluetooth device to the Network Player, check the following:

- Ensure the Bluetooth source has been selected via the app or the front panel source selector. You will be unable to pair a Bluetooth device to the Player unless the Bluetooth source has been selected.
- Ensure the supplied Bluetooth antenna has been connected to the rear of the Player.
- Ensure your device is not already connected to another Bluetooth speaker/headphones.
- Ensure the Player is not already connected to another Bluetooth device.

There is no sound:

- Ensure the unit is not in Standby mode.
- Check that your amplifier/DAC is properly connected.
- Check that your speakers are properly connected to the amplifier.
- Check that your connected amplifier/DAC is not in mute mode.
- If Pre-Amp mode has been enabled, ensure the Player is not in mute mode.
- Ensure the correct source has been selected via the app or the front panel source selector.

There is no audio when connecting a Mac/PC to the USB Audio input:

- Ensure that all the steps within the USB Audio section of the manual have been followed.
- Ensure that the USB Audio source has been selected via the app or the front panel source selector. Ensure that your PC/Mac is connected to the USB Audio input with a USB A to B cable.
- If you are connecting a PC, make sure that the correct USB driver is downloaded. The driver is available from <https://www.cambridgeaudio.com/gbr/en/driver-updates>.

There is no sound from a TV connected to the eARC input:

- Follow the steps in the troubleshooting guide on our support site [here](#).

Frequently asked questions

Last updated: October 1, 2024 12:52. Revision #14072

Can I play files from a connected USB HD when the EXN100 is not connected to a network?

This is not possible as the use of the StreamMagic app is required to be able to play local files from a connected USB HD. Please note that it is strongly recommended that the EXN100 is connected to a network at all times.

Does the EXN100 come with a remote control?

No, the EXN100 does not have its own remote control and does not come with one included. The unit can be fully controlled, and the settings can be adjusted via the StreamMagic app.

If you wish to use a remote control with your device, the EX series remote control is compatible with the EXN100 and can be purchased from our website.

Can I access features such as Internet Radio and streaming services via the front panel?

It is not possible to access services and features via the front panel of the EXN100. You will be able to access many features via the StreamMagic app, as well as integrated services such as TIDAL, Spotify etc. via their respective apps.

How do I change the volume of the EXN100?

With Pre-Amp mode enabled within the StreamMagic app device settings, the volume of the device's analogue outputs can be controlled using the app or rotary dial.

Note: Pre-Amp mode and volume control can only be enabled when connected via the analogue outputs.

Do I need to connect both of the supplied Wi-Fi antennas for the EXN100 to work?

Yes, if you are connecting your EXN100 to your network wirelessly, you will need to connect both of the supplied antennas to enable full Wi-Fi functionality and the strongest possible wireless network connection.

Bluetooth functionality will also only be possible when one of the antennas is connected to the port with the Bluetooth symbol.

Can I use more than one of the EXN100's outputs at once?

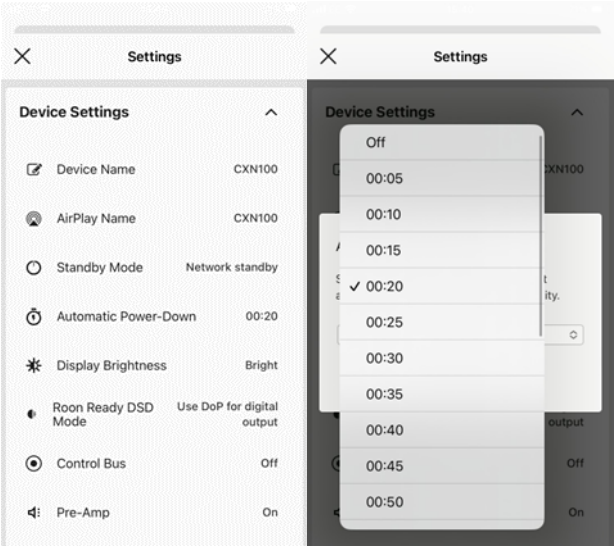
Yes, If you wish to connect the EXN100 to one single device, you can use any output, digital or analogue, that you wish. If, however, you would like to connect the EXN100 to more than one device at a time, you can connect up to four devices and play simultaneously, as all outputs remain active at all times.

Please note that if you wish to control the volume via the EXN100, you will need to enable Pre-Amp mode in the StreamMagic app. Volume control does not apply to the digital outputs,

How do I stop the EXN100 from powering down when not in use?

The EXN100 will automatically switch to standby mode after 20 minutes of inactivity. This Automatic Power-Down (APD) feature can be disabled, by navigating to the device settings within the StreamMagic app.

You can either disable this feature or edit the length of time it takes for APD to be triggered, by selecting 'Automatic Power-Down'.



What USB HDs will the EXN100 support?

The primary function of the EXN100 is as a network music player and the USB port is intended for convenient connection of USB HDDs and SSDs. As such, we cannot guarantee compatibility with all USB HDDs and SSDs.

The EXN100 will read large capacity hard drives connected to the USB Media input. Some larger capacity drives, however, may require their own power supply, as the player's USB port may not provide enough power for the drive to function.

The EXN100 will support USB hard drives which are formatted to FAT32, exFAT, NTFS and Ext4.

IMPORTANT SAFETY INSTRUCTIONS

For your own safety please read the following important safety instructions carefully before attempting to connect this unit to the mains power supply. They will also enable you to get the best performance from and prolong the life of the unit.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/appliances combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug having been damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING:

- Do not place the unit in an enclosed space; if you wish to place the unit on a shelf, use the top shelf to allow maximum ventilation. Do not put any objects on top of this unit. Do not situate it on a rug or other soft surface and do not obstruct any air inlet or outlet grilles. Do not cover the ventilation grilles with items such as newspapers, tablecloths, curtains, etc.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. This unit must not be used near water or exposed to dripping or splashing water or other liquids. No objects filled with liquid, such as vases, shall be placed on the unit.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- The battery (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- The unit must be installed in a manner that makes disconnection of the mains plug from the mains socket outlet for appliance connector from the rear of the unit possible. Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Please refer to the information on the exterior rear panel for electrical and safety information before installing or operating the apparatus.
- Only use the mains cord supplied with this unit.
- Use of the apparatus in tropical climates - The equipment shall be used at a maximum 45 degree C ambient temperature. The unit is of Class 1 construction and must be connected to a mains socket outlet with a protective earthing connection.



The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the service literature relevant to this appliance.



WEEE SYMBOL

The crossed-out wheeled bin is the European Union symbol for indicating separate collection for electrical and electronic equipment. This product contains electrical and electronic equipment which should be reused, recycled or recovered and should not be disposed of with unsorted regular waste. Please return the unit or contact the authorised dealer from whom you purchased this product for more information.

This product is in conformity with Directive 2011/65/EU Restriction of Hazardous Substances in electrical and electronic equipment.

CE MARK

This product complies with European Low Voltage (2014/35/EU), Electromagnetic Compatibility (2014/53/EU) and Environmentally-friendly design of Energy-related Products (2009/125/EC) Directives when used and installed according to this instruction manual. For continued compliance only Cambridge Audio accessories should be used with this product and servicing must be referred to qualified service personnel.

UK UKCA MARK

This product complies with UK Regulation Electrical Equipment (Safety) Regulations 2016, the Electromagnetic Compatibility Regulations 2016 and the Ecodesign for Energy-Related Products Regulations 2020 when used and installed according to this instruction manual. For continued compliance only Cambridge Audio accessories should be used with this product and servicing must be referred to qualified service personnel.

EC & UKCA DECLARATION OF CONFORMITY

Hereby, Audio Partnership PLC declares that this product is in compliance with Directive 2014/53/EU & UK Radio Equipment Regulations 2017, the full text of the CE & UKCA declaration of conformity is available at the following internet address: <https://www.cambridgeaudio.com/DoC>

Bluetooth Radio Frequency 2.402GHz-2.48 GHz The Max. transmit power: 10dBm.

RCM (REGULATORY COMPLIANCE MARK)

This product meets the Safety, EMC and Radio Communications requirements of the ERAC and ACMA.

VENTILATION

IMPORTANT - The unit will become hot when in use. Do not stack multiple units on top of each other. Do not place in an enclosed area such as a bookcase or in a cabinet without sufficient ventilation.

Ensure that small objects do not fall through any ventilation grille. If this happens, switch off immediately, disconnect from the mains supply and contact your dealer for advice.

Please ensure there is ample ventilation (at least 20cm clearance on the top, side and rear). Do not put any objects on top of this unit. Do not situate it on a rug or other soft surface and do not obstruct any air inlets or outlet grilles. Do not cover the ventilation grilles with items such as newspapers, tablecloths, curtains, etc.

POSITIONING

Choose the installation location carefully. Avoid placing it in direct sunlight or close to a source of heat. No naked flame sources, such as lit candles, should be placed on the unit. Also avoid locations subject to vibration and excessive dust, cold or moisture. The unit can be used in a moderate climate.

This unit must be installed on a sturdy, level surface. Do not place in a sealed area such as a bookcase or in a cabinet. Do not place the unit on an unstable surface or shelf. The unit may fall, causing serious injury to a child or adult as well as serious damage to the product. Do not place other equipment on top of the unit.

Due to stray magnetic fields, turntables or CRT TVs should not be located nearby due to possible interference.

Electronic audio components have a running-in period of around a week (if used several hours per day). This will allow the new components to settle down and the sonic properties will improve over this time.

POWER SOURCES

The unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power-supply to your home, consult your product dealer or local power company.

This unit can be left in Standby mode when not in use and will draw <0.5W in this state. If you do not intend to use this unit for a long period of time, unplug it from the mains socket.

OVERLOADING

Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock. Overloaded AC outlets, extension cords, frayed power cords, damaged or cracked wire insulation and broken plugs are dangerous. They may result in a shock or fire hazard.

Be sure to insert each power cord securely. To prevent hum and noise, do not bundle the interconnect leads with the power cord or speaker leads.

CLEANING

To clean the unit, wipe its case with a dry, lint-free cloth. Do not use any cleaning fluids containing alcohol, ammonia or abrasives. Do not spray an aerosol at or near the unit.

BATTERY DISPOSAL

Batteries may contain substances harmful to the environment. Please dispose of any discharged batteries with due consideration and in accordance with local environmental/electronic recycling guidelines.

SERVICING

These units are not user serviceable. Never attempt to repair, disassemble or reconstruct the unit if there seems to be a problem. A serious electric shock could result if this precautionary measure is ignored. In the event of a problem or failure, please contact your dealer.

SUPPLIER'S DECLARATION OF CONFORMITY (SDOC)

Model(s): CXA11 CXA11 Equipment Integrated Amplifier
Model(s): CAX077 Equipment: DAX100 Integrated Amplifier
Trademark: Cambridge Audio
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The responsible party in US:
Company name: Audio Partnership LLC
Address: 597 N. Rockwell St. Bldg 3, Fl. 2, Ste. 201, Chicago, IL 60618
Phone: (312) 636-3796

Legal Representative Person: Kiel Nowakowski

Signature:

FEDERAL COMMUNICATIONS COMMISSION NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the distance between the equipment and the receiver.
 - Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF EXPOSURE STATEMENT:

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. Use only the supplied antenna.

MODIFICATIONS

The FCC requires the user to be notified that any changes or modifications to this device that are not expressly approved by Cambridge Audio, may void the user's authority to operate the equipment.

CANADA-INDUSTRY CANADA (IC)

This Class B digital apparatus complies with Canadian standard ICES-003.

This device complies with Industry Canada License exempt RSS standards. Operation is subject to the following two conditions:

- (1) this device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- This equipment complies with RSS-102 limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

The transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

INDUSTRIE CANADA (IC)

Cet appareil numérique de Classe B est conforme à la norme canadienne ICES-003.

Cet appareil est conforme aux normes RSS exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes:

- (1) cet appareil ne doit pas provoquer d'interférence nuisible et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable.
- Cet équipement est conforme aux limites RSS-102 préconisées pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

L'émetteur ne doit pas être co-placé ni fonctionner en conjonction avec une autre antenne ou transmetteur.



RACCOLTA CARTA
PAP



Cet appareil, ses accessoires, piles et câbles doivent être recyclés.
Questo dispositivo, i suoi accessori, le pile e i cavi devono essere riciclati.
Recycling symbol



bit.ly/3Y8xaQ6

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Registre Su Producto

Escanee el código QR para unirse a nuestra creciente comunidad y sea el primero en la fila para recibir información sobre nuevos productos y ofertas exclusivas.

Registrierte Dein Produkt

Scanne den QR-Code, um dein Produkt zu registrieren und produktverbessernde Firmware-/App-Updates zu erhalten. Außerdem kannst du unserer wachsenden Community beitreten, um bei neuen Produktveröffentlichungen und exklusiven Angeboten als Erster dabei zu sein.

註冊您的產品

掃描二維碼以註冊您的產品並接收產品固件/應用程序更新，以及加入我們不斷壯大的社群，並搶先獲得新產品發佈和獨家優惠。