CAMBRIDGE

CXA60/80

INTEGRATED AMPLIFIER

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SOUND SINCE 1968

Contents

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Remote control

1. Display brightness

Adjusts the brightness of the front panel display.
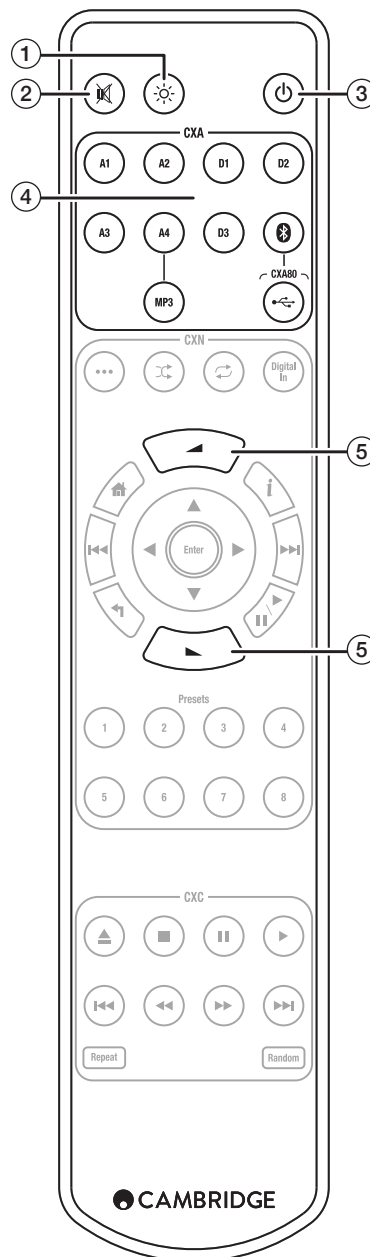
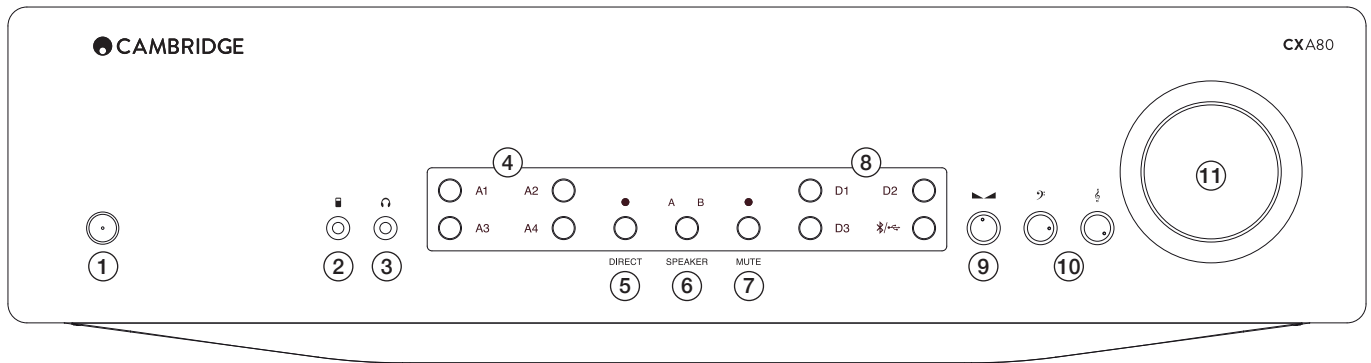### 2. Mute

3. Standby/On

4. Sources

Press to access the input source directly.

5. Volume up/down

Front panel controls

1. Standby/On

2. ▯ (MP3) input

For connection to a portable audio device.

3. ⌂ Headphones

For suitable headphones – connection will mute the speakers.

4. Analogue source (A1-A4)

A1 – Toggles between balanced/unbalanced.

A4 – Toggles between unbalanced/MP3 input.

5. Direct

Disables tone controls.

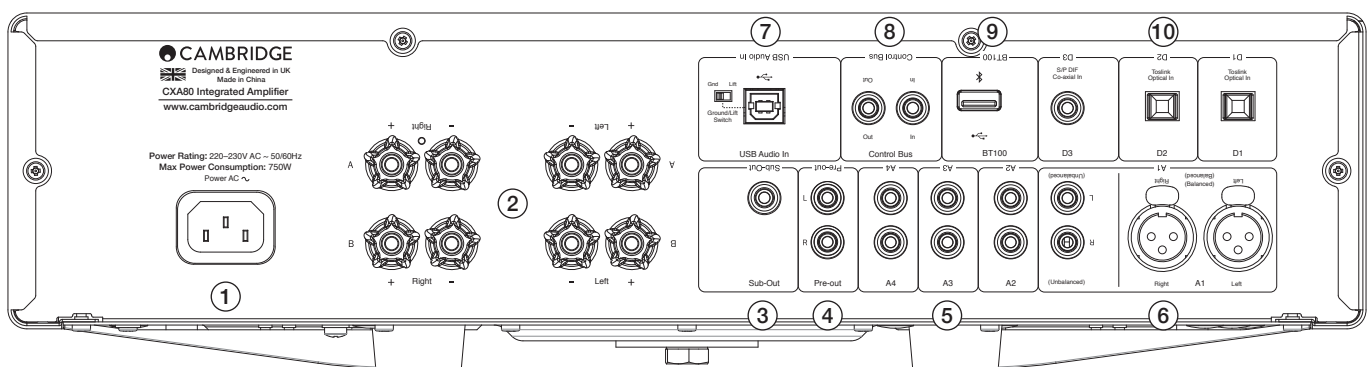## 6. Speaker A/B select

7. Mute

8. Digital source (D1-D3 / ✻/↤)

Pressing the ✻/↤ button will toggle between inputs.

9. ◣◢ Balance

10. ♮ ♦ Bass and Treble

11. Volume

Rear panel connections

1. AC power socket

2. Loudspeaker terminals

3. Sub Out

4. Pre-out

5. Analogue inputs (A2, A3 and A4)

6. A1 input

Note: Balanced (XLR) is available on the CXA80 only.

7. USB Audio In (CXA80 only)

For connecting to PC/MAC computers.

Ground/Lift switch

Set this switch to 'Lift' if a humming noise can be heard through the speakers. Otherwise, leave this switch setting to 'Ground' as recommended.

8. Control Bus

For more information, see 'Control Bus' section of this manual.

9. BT100 (not supplied)

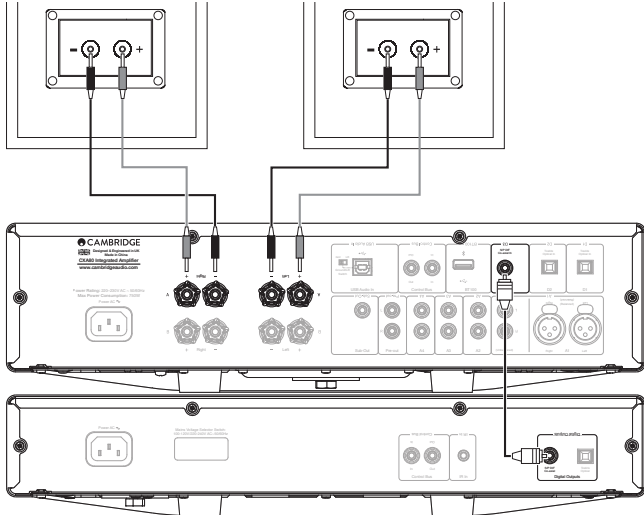For connection with the optional BT100 Bluetooth audio receiver.

10. Digital inputs (D1, D2 and D3)

Connections

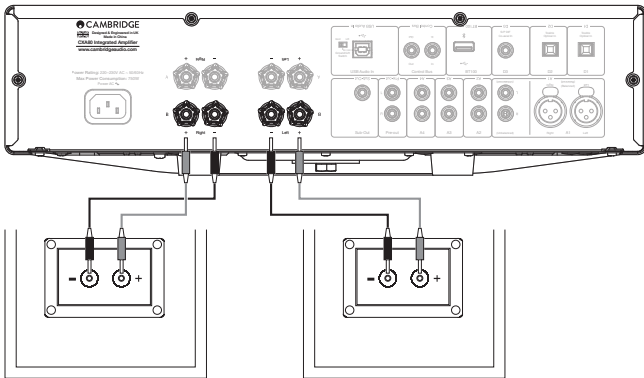**Note:** Switch the power off before making connections.

Basic connections

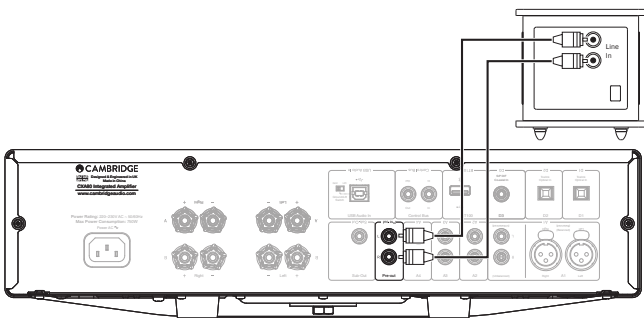Connecting to a CD player using the D3 coaxial digital input source and a pair of loudspeakers.

Speaker B connections

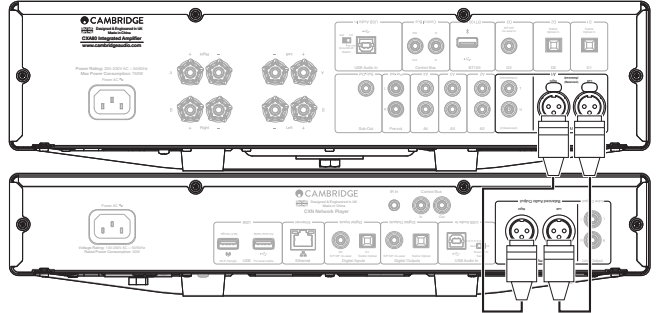Connecting a second set of speakers.

Preamp Out connections

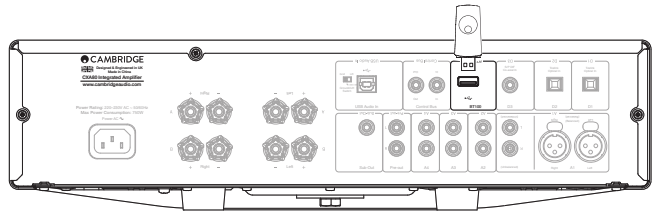Connecting the CXA to an active subwoofer via the Line In inputs on the subwoofer.

Balanced audio connections (CXA80 only)

Connecting the CXA80 to the CXN Network player using XLR cables. Access this input by pressing the 'A1' input button twice on the front panel.
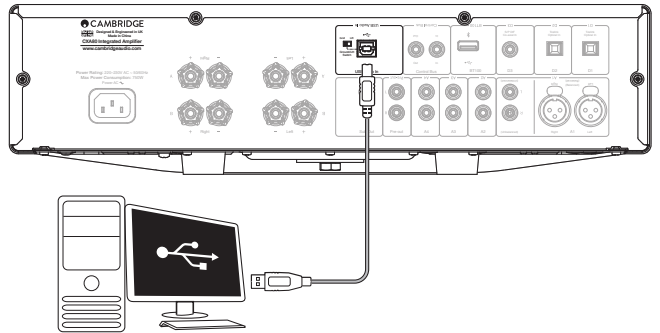

Optional BT100 for bluetooth audio streaming (not supplied)

Connect the optional BT100 into the rear USB socket as shown in the diagram and access this input via the ⚇/⟿ button. For more information, see the guide that came with your BT100.

USB audio connection (CXA80 only)

Note: Use a certified high speed USB 'A–B' cable. Access this input by pressing the ⚇/⟿ input button twice on the front panel.

Setup menu

Access the Setup menus in Standby mode. Press and hold the Speaker A/B button until the A/B lights flash alternately and the sources A1-A4 light up. See below source buttons for setup configuration:

Note: Button selected is represented by Blue light.

Auto power down (APD)

A1 off/A2 off – Disables the APD (Auto power down) function.

A1 on/A2 off – Sets the APD time to 10 minutes.

A1 off/A2 on – Sets the APD time to 30 minutes.

A1 on/A2 on – Sets the APD time to 60 minutes.

Clipping function

A3 on – Clipping function enabled. The volume nudges down if signal clipping is detected.

A3 off – Clipping function is disabled.

USB mode (CXA80 only)

A4 on – Puts the CXA in USB Class 2 mode.

A4 off – Puts the CXA in USB Class 1 mode.

Notes:

– To save the setup settings and exit the setup menu, press the Speaker A/B button.

– Pressing the Standby/On button while in the setup menu will exit and not save the settings.
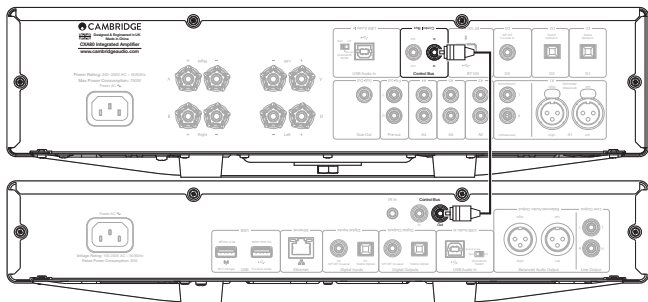
Control Bus

The Control Bus allows any compatible Cambridge products to synchronise when powering up the units. See the following diagrams when connecting the CXA using the provided Control Bus cable.

Another added feature with this Control Bus is the use of the Cambridge Connect app. You can use the Cambridge Connect app to control the CXA via the CXN.
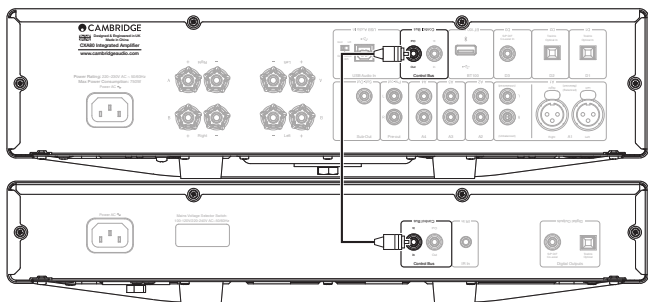
Cambridge Connect app (via CXN)

When using the app to turn the CXN on/off, this will also turn the CXA on/off. The app can also be used to control the volume of the CXA. Connect the CXN control bus out to CXA in. For more information, see the CXN manual.
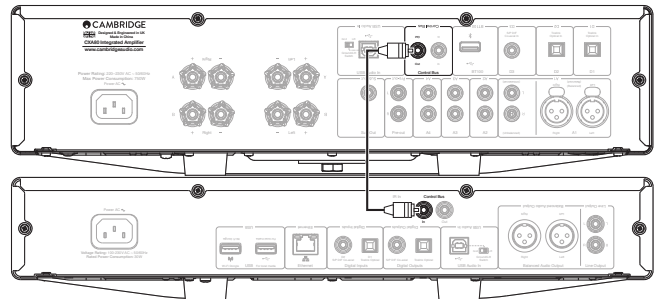

CXA with CXC

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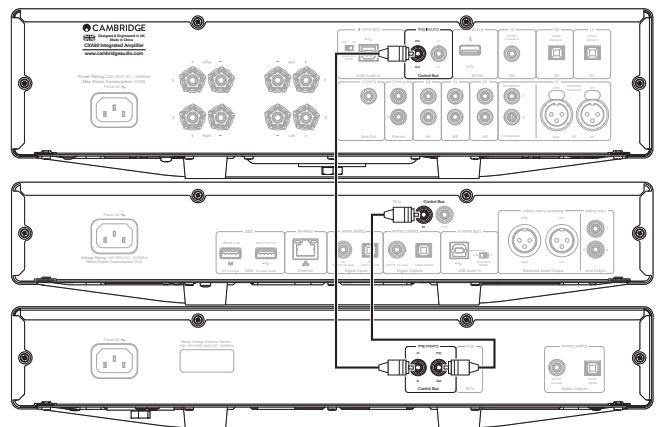

CXA with CXN

Note: Without using the Cambridge Connect app to control the CXA.

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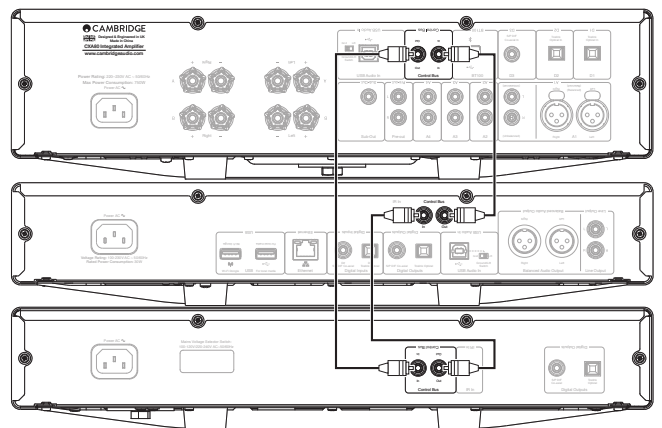

CXA with CXN and CXC

Using the CXA as the primary power controller, see the diagram below. When turning the CXA on/off, this will also turn the CXN and CXC on/off.

Adding an additional connection from CXN to CXA will enable the use of the Cambridge Connect app function.

AP34135/2