



BLAZE 504 PowerZone Connect DSP Amplifiers User Guide

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BLAZE 504 PowerZone Connect DSP Amplifiers

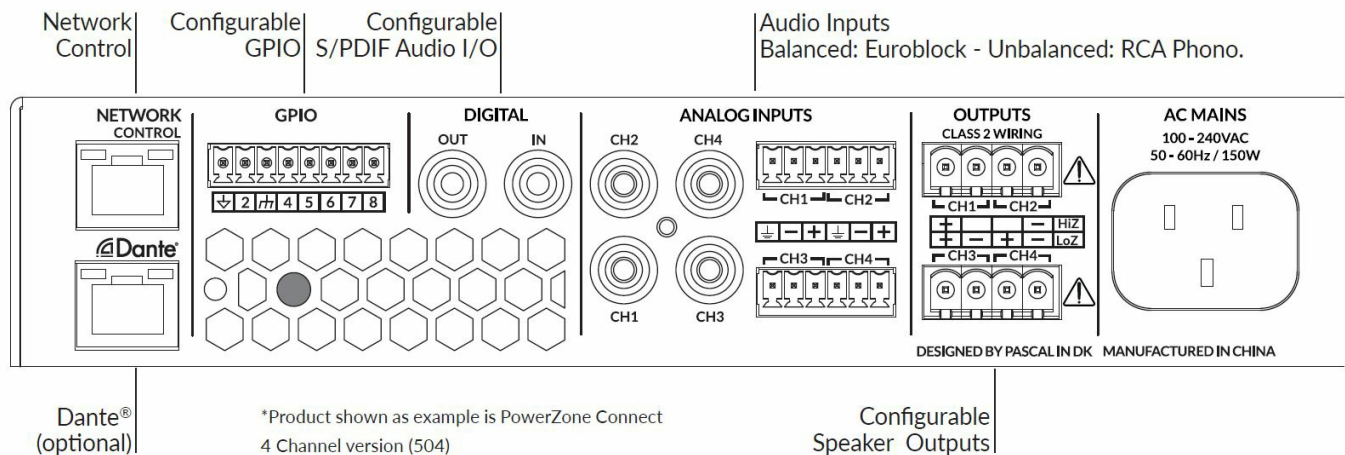


Carton Contents

- Amplifier unit
- Output connector x 1 or 2
- Mains power cable
- Adhesive rubber feet x 4
- Input connector x 2

- Document pack
- GPIO socket connector

Connection Sockets



Support

A full user manual that includes information on installation, mounting accessories and amplifier operation is available online. Go to www.blaze-audio.com, or scan the QR code to go directly to our support page.



Installation Notes

- High or low-impedance speaker connection options can be selected independently for each output channel via the PowerZone™ Control Web App.
- Analogue input sensitivity can be adjusted independently for each channel via the PowerZone™ Control Web App.
- S/PDIF digital audio I/O routing can be configured via the PowerZone™ Control Web App.
- GPIO (General Purpose Input/Output) options can be configured via the PowerZone™ Control Web App.
- Optional Audinate Dante® interface for integration with audio over IP (AoIP) networks and installations.
- Ensure that the rack or other confined installation does not restrict the airflow required for the safe and reliable operation of the equipment. It is important to ensure that the 40°C maximum operating temperature for the equipment is not exceeded.

Wireless Network Control Connection

A mobile, laptop or desktop device with WiFi functionality and a web browser is required.

Follow the steps below

1. Connect the PowerZone™ Connect amplifier to mains power using the supplied mains cable and wait for the front panel WiFi indicator to illuminate green.
2. Use a mobile, laptop or desktop device to search for available WiFi networks. Connect to, 'Blaze (product serial number)' using the password, 'password'. The amplifier serial number can be found on its rear panel.
3. Open a mobile, laptop or desktop device web browser and enter the following IP address: 192.168.4.1. The amplifier configuration web interface page will open in the browser app to enable amplifier configuration as required.

It is strongly recommended that the PowerZone™ Connect amplifier WiFi password be changed following the initial wireless connection.

Wired Network Control Connection

A laptop or desktop device with Ethernet functionality, a web browser and a network scanning app is required. Follow the steps below.

1. Connect the PowerZone™ Connect amplifier Network Control socket directly to a laptop or desktop device – or through a switch.
2. Connect the PowerZone™ Connect amplifier to the main power using the supplied mains cable and wait for the front panel Network indicator to illuminate green to indicate that the amplifier has network connectivity.
3. The default LAN IP address of the amplifier is 192.168.64.100. Configure your laptop or desktop device to a fixed IP address in the same IP range, ex. 192.168.64.10, with Subnet mask 255.255.255.0 (or prefix 24) and set Gateway to 192.168.64.1.
4. Open a laptop or desktop device web browser and enter the address <http://192.168.64.100/> – The amplifier configuration web page interface will open to enable amplifier configuration as required.

This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Important Safety Instructions

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 opening. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. To reduce the risk of electrical shock, the power cord shall be connected to a main socket outlet with a

protective earthing connection.

10. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades one wider than the other.
11. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for r safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13. Do not unplug the unit by pulling on the cord, use the plug.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power supply cord or plug is 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.
16. The appliance coupler, or the AC Mains plug, is the AC mains disconnect device and shall remain readily accessible after installation.

Class 2 Wiring

Exposed high voltage on the speaker terminals. Touching the uninsulated terminals or wiring may result in an unpleasant sensation

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

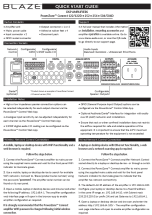
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: 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 to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation 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.

Blaze Audio HQ, Pascal A/S, Ellekaer 6, DK-2730 Herlev, Denmark. hello@blaze-audio.com, www.blaze-audio.com
Blaze Audio Americas, Pascal Inc., (888) 500-0109, help@blaze-audio.com, www.blaze-audio.com

Documents / Resources

	<p>BLAZE 504 PowerZone Connect DSP Amplifiers [pdf] User Guide 504 PowerZone Connect DSP Amplifiers, 504, PowerZone Connect DSP Amplifiers, Connect D SP Amplifiers, DSP Amplifiers</p>
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References

-  [audio.com - a better way to upload and share audio online](#)
-  [Blaze Audio | Pro audio solutions | Commercial Audio Installs](#)