

## 4-Zone and 8-Zone Power Amplifier Quick Start Guide

### For Your Information...

#### Before You Install and Set Up a 4-Zone (C4-AMP104) or 8-Zone (C4-AMP108) Power Amplifier...

##### General Information

- 1 Ensure that your customer is using OS 2.5.2 or later.
- 2 Ensure that a controller is installed and configured in the project.
- 3 Ensure that your home network wiring is in place before starting your system setup.

##### Setup Tips

- 1 To reduce the risk of fire, do not install this device in a cabinet that is smaller than 20" (50.8 cm) wide x 20" (50.8 cm) deep x 12" (30.5 cm) high. If you do, the device may overheat.
- 2 Do not expose the apparatus to dripping or splashing. Do not place objects filled with liquids near the apparatus. To reduce the risk of fire or electrical shock, do not expose this apparatus to rain or moisture.
- 3 To prevent damage, maintain adequate ventilation space above and below the amplifier. Space of ½U on top and bottom is adequate. The rack mount ears provide the necessary ½U ventilation space. **Do not place other components on top of the amplifier.** Doing so will block ventilation openings.
- 4 Connecting speaker wires or input cables while the amplifier is powered may cause electrical shock and could damage the amplifier. Unplug the power cord before making connections.
- 5 Check the polarity of the speakers and wires before connecting to the amplifier.
- 6 Zone stereo selectors—While **ST** is selected, inputs and outputs process L and R channels separately. While **BRIDGE** is selected, the zone amplifies only the L channel (R channel is disabled).
- 7 Zone source selectors—With **LINE** selected, the source for the zone is the source connected to the zone's **LINE INPUT** jacks. With **GLOBAL** selected, the source for the zone is the **GLOBAL LINE INPUT** source.
- 8 In Bridge mode, the **R** channel is disabled. This effectively doubles the power output of the remaining L channel, but at the cost of outputting only a mono signal. To set up a stereo signal while using Bridge mode, you will need to set up two (2) separate zones (one for each channel).
- 9 Phoenix-style connectors, if used in Bridge mode, need to be wired such that the speaker wires go across the positive terminals of the amplifier output. If using two zones for stereo, be sure to wire the left and right speakers with the same polarity to maintain phase.
- 10 In Bridge mode, outputs are rated for only eight (8) ohm loads and will not function correctly for four (4) ohm loads.
- 11 See the *4-Zone and 8-Zone Power Amplifier Installation Guide* for setup details.

## Resources

You can find useful information in these documents and videos (in most cases, dealer login is required) at [www.control4.com](http://www.control4.com) in the Products or Resources pages when they are available with OS 2.5.2.

### Marketing, Installation, and Setup Guides

- 1** *4-Zone and 8-Zone Power Amplifier Datasheet* (PDF). Dealer Products page.
- 2** *4-Zone and 8-Zone Power Amplifier Installation Guide* (PDF). Dealer Products page.
- 3** *READ THIS FIRST Notice for OS 2.5.2* (PDF). Dealer Software page.
- 4** *OS 2.5.2 Release Notes* (PDF). Dealer Software page.
- 5** *Composer Pro Getting Started*. Describes how to use the interface. Available on the Software Downloads page or
- 6** the Support > Product Documentation page.
- 7** *Composer Pro User Guide*. Describes how to use Composer Pro. Available on the Software Downloads page or the Support > Product Documentation page.

### How To's, Technical Notes, and Videos

We are constantly adding new quick reference sheets and videos to support our products. Please check the product page on the Control4 website often to see what's new.

- 1** *4-Zone and 8-Zone Power Amplifier Overview* (video). Suitable for your customers; located in the residential Products page.
- 2** *Audio/Video Family Products Overview* (video). Shows you how all new A/V devices work together.