

C2N(I)-AMP-6X100

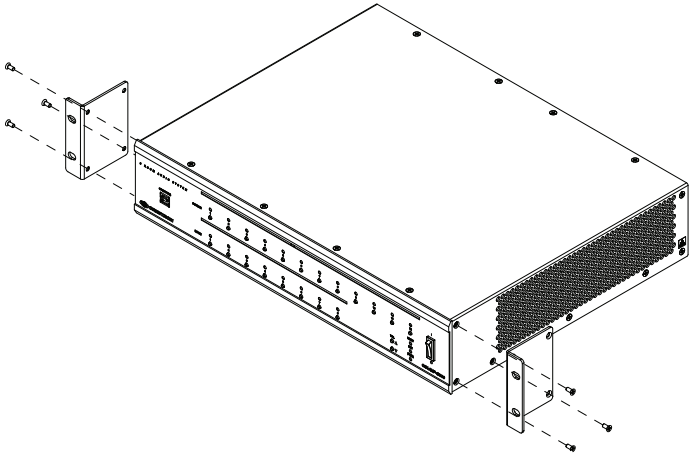
6 Room + 2 Room Audio System

The C2N-AMP-6X100 and C2NI-AMP-6X100 are generally identical. For simplicity within this guide, the term “C2N-AMP-6X100” is used except where noted.

DO Install the Device

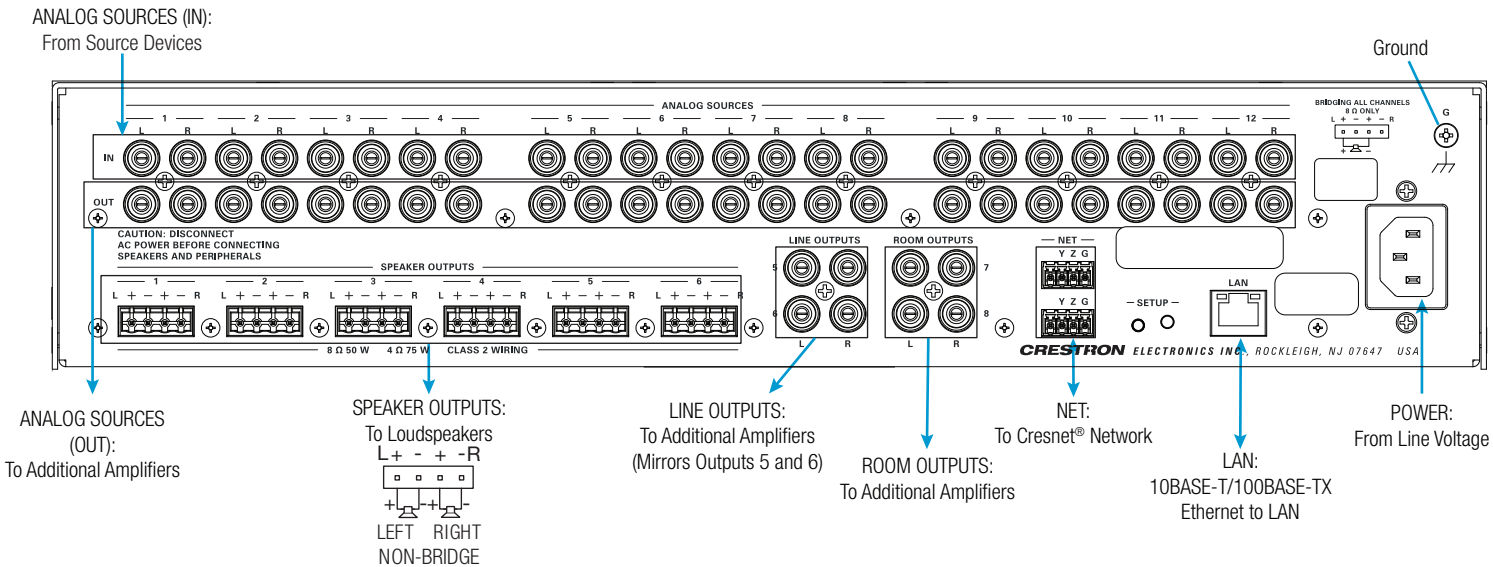
The C2N-AMP-6X100 can be mounted into a rack or placed onto a flat surface.

When mounting into a rack, the C2N-AMP-6X100 occupies 2U of rack space. Using a #1 or #2 Phillips screwdriver, attach the two included rack ears to the device. Then, mount the device into the rack using four mounting screws (not included).



DO Make Connections

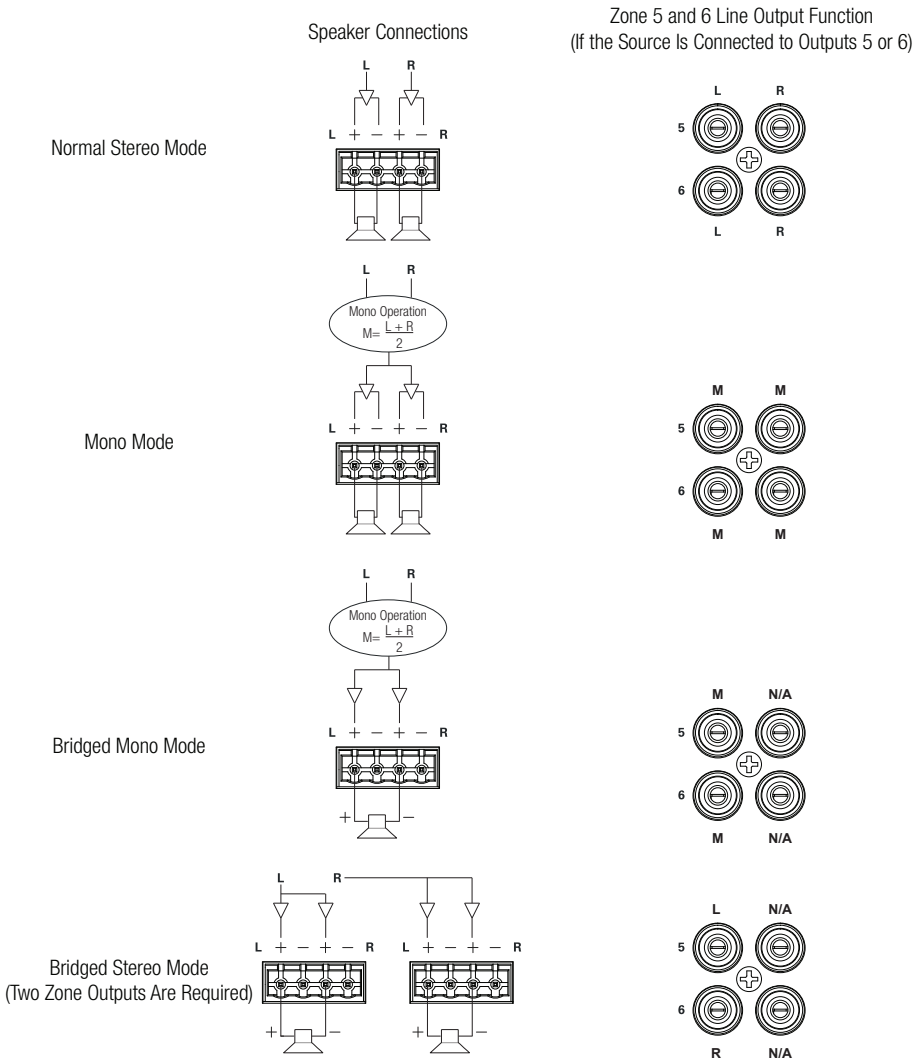
Make the necessary connections as called out in the diagram below. Connect the power last.



DO Check the Box

QUANTITY	PRODUCT	PART NUMBER
2	Metal, Bracket, Ear, 2U	2034434
1	Power Cord, 3-Prong	2001134
2	Connector, 4-Pin	2003576
6	Connector, 4-Pin, Right-Angle	2003584
6	Screw, 06-32, 5/16" L, Flat, Phillips	2007223
1	Label, Filler Strip, Cardstock, 11.9" x 0.4"	4520506
1	Label, Filler Strip, Cardstock, 7.9" x 0.4"	4520508
1	Label, Custom, Identification	4509950
1	Safety Instructions	2018589

Speakers can be connected for stereo, mono, bridged mono, or bridged stereo operation as shown below.



The mode of operation is set in Crestron® programming software. Each zone’s mode of operation can be set independently (except when a zone is part of a bridged pair).

CAUTION: When set for bridged operation (stereo or mono), triple the power (up to 150 watts into 8 ohm speakers only) output can be delivered to the connected speaker(s). Make sure all connected speakers are properly rated for the increased power output.



DO Use the Device

Turn the Amplifier On or Off

To turn the amplifier on, move the front panel switch to the **ON** position.

To turn the amplifier off, move the front panel switch to the **OFF** position.

Select a Source

To select a source for distribution, press the desired **SOURCE** button. If a room is connected to the selected source, its LED lights.

NOTE: If a room is in Volume Control mode, press a **SOURCE** button to exit the mode.

Select a Room

Once a source is selected, press the desired **ROOM** button. The room is connected to the selected source and its LED lights.

To remove a room from the selected source, press the **ROOM** button of a connected room. The LED turns off.

NOTE: If a room is in Volume Control mode, press a **ROOM** button to exit the mode.

NOTE: If the outputs of the C2N-AMP-6X100 are bridged, the **ROOM 1** button and LED are paired with the **ROOM 2** button and LED, the **ROOM 3** button and LED are paired with the **ROOM 4** button and LED, and the **ROOM 5** button and LED are paired with the **ROOM 6** button and LED.

Volume Control Mode

The volume level of a connected room can be controlled when the room is in Volume Control mode. Perform the following to switch to Volume Control mode:

1. Press and hold the **ROOM** button of the room to be controlled for 2 seconds.
- NOTE:** To adjust the volume of a bridged stereo pair, select **ROOM 1** for **SPEAKER OUTPUTS 1** and **2**, **ROOM 3** for **SPEAKER OUTPUTS 3** and **4**, or **ROOM 5** for **SPEAKER OUTPUTS 5** and **6**.
- Press ▲ or ▼ to change the volume in 1 dB increments.
 - Hold ▲ or ▼ for more than 1 second to ramp the volume up or down in 1 dB/0.1 second increments.

If the maximum volume or minimum volume is reached, all of the front panel LEDs blink three times.

NOTE: If ▲ or ▼ is not pressed for 10 seconds, the amplifier automatically exits Volume Control mode.



2. Press the **ROOM** button again to exit Volume Control mode.

DO Learn More


Visit the website for additional information and the latest firmware updates.

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As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.



The C2N-AMP-6X100 and C2NI-AMP-6X100 are listed to applicable UL Standards and requirements by Underwriters Laboratories Inc.

Federal Communications Commission (FCC) Compliance Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following 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.

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

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 receiver
- Connect the equipment into 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

Industry Canada (IC) Compliance Statement
CAN ICES-3(B)/NMB-3(B)

Rack Mounting Safety Precautions

- Elevated Operating Ambient Temperature: If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient temperature. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.
- Reduced Airflow: Installation of the equipment in a rack should be such that the amount of airflow required for safe operation of the equipment is not compromised.
- Mechanical Loading: Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- Circuit Overloading: Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- Reliable Earthing: Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g., use of power strips).

The specific patents that cover Crestron products are listed at www.patents.crestron.com.

The product warranty can be found at www.crestron.com/warranty.

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This document was written by the Technical Publications department at Crestron.

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