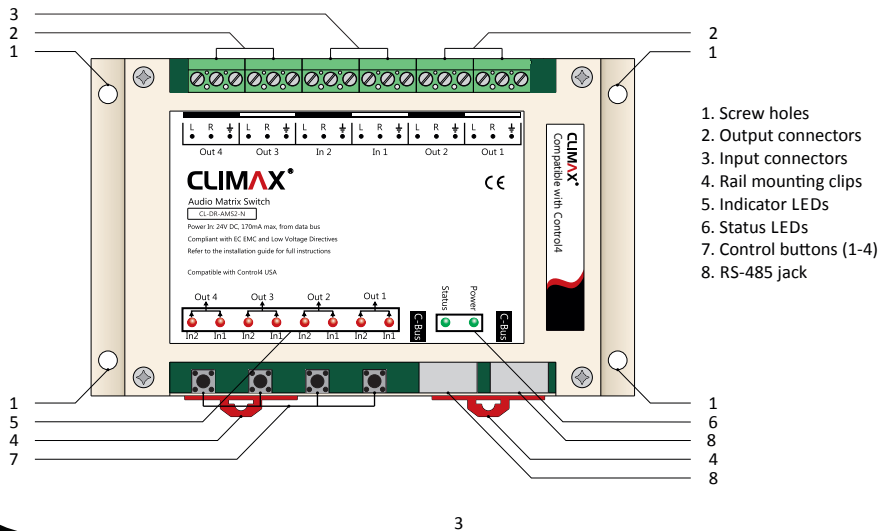


PART DESCRIPTION



CLIMAX[®]

Live in Harmony

INSTALLATION GUIDE version 1.0.1



Audio Matrix Switch (CL-DR-AMS2X4-N)

Product Specification	Input Voltage	18V-24V DC (24V DC is recommended)		
	Input Current	170mA (for 24V DC)		
	I/O Connections	C-Bus	2 X Rj45	
		Output	4 X audio channel-10A per channel (rising-cage 5mm screw terminals)	
	Input	2 X audio channel-10A per channel (rising-cage 5mm screw terminals)		

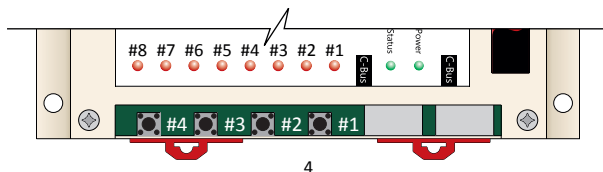
SETUP & PROGRAMMING

Change Module Address

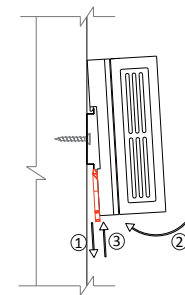
In order to change the module address follow steps below consecutively and uninterruptedly:

1. Disconnect the main power. Hold button #1 & #2 simultaneously (button's and LED's number sequence is considered from right to left as shown in following picture).
2. Reconnect the main power. Release button #2 after LEDs #1 to #4 flashed. Then release button #1 after LEDs #1 and #2 flashed. Power LED will start flashing quickly.
3. Press button #1, 4 times. Then the module address will be displayed by LEDs in binary.
4. Press button #1 to increase the module address and button #2 to decrease it.
5. Press button #3 to save the module address and button #4 to cancel. After saving the new module address or canceling the process, the module will reset.

⚠ The devices which are connected from a common interface cannot have same module address.



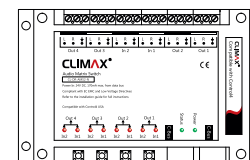
MOUNTING



Rail Mounting

Audio Matrix Switch is designed to be installed on a standard 35 mm wide DIN rail (EN 50022, BS 5584).

Hook the module from the top, pull down the rail mounting clips, push the module to the rail and release the rail mounting clips.



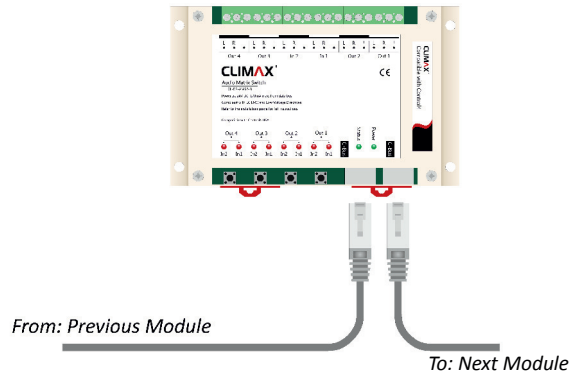
Screw Mounting

Screw the module to any surface through 4 corner screw holes.

WIRING 1

⚠ Before wiring the device, always unplug the main power.

Follow this wiring for direct or network use of module.

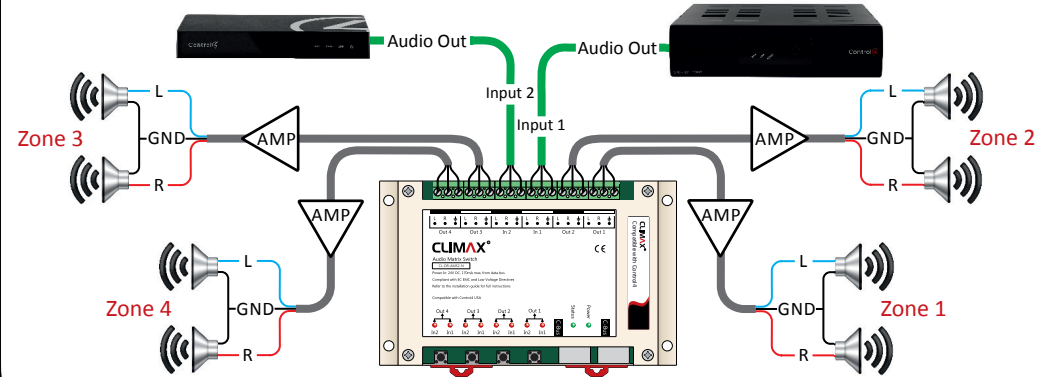


⚠ Use the terminator socket for the last module in C-Bus network.

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WIRING 3

Based on following wiring diagram, it would be possible to control volume of each zone by controlling its relevant amplifier.

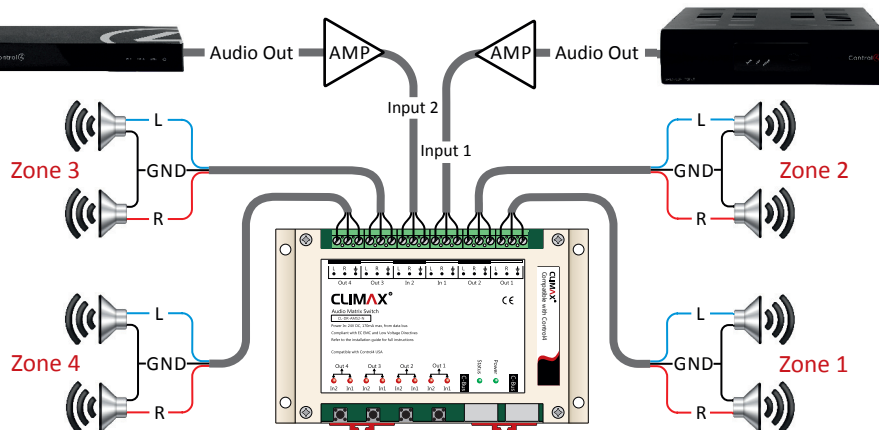


⚠ It is recommended to use short length shielded cable for input connections.

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WIRING 2

Use the following wiring diagram, if you don't need to control volume of each zone separately.



The amplifier you select for your project must be powerful enough to support 4 audio zone.

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SETUP & PROGRAMMING

Module's LEDs

- **Power:** When the module is connected to main power, "Power LED" will flash smoothly.
- **Status:** When the module is connected to C-Bus network and receives valid data packets, "Status LED" flashes quickly. "Status LED" is "off" when the module doesn't receive any data. In direct mode, "Status LED" will flash once when the module receives a valid data packet from Home Controller.
- **When the module is receiving invalid data packet, "Status LED" will remain "on" for 5 seconds.**
- ⚠ In some cases, when a new module is added to C-Bus network, "Status LED" might remain "on" for 5 seconds. This situation must not be considered as an error.
- **Out1 to Out4:** Shows connection status of module's audio inputs/outputs. Also when the module is connected to main power, The channel LEDs will display the module address in binary for 2 seconds.

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