

## Version 2.1

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U.S.A

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#### **Static Electric Warning**



#### TROUBLESHOOTING AND ADDITIONAL RESOURCES

User Support: <a href="https://www.anetd.com/user-support/">https://www.anetd.com/user-support/</a>

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#### **OVERVIEW**

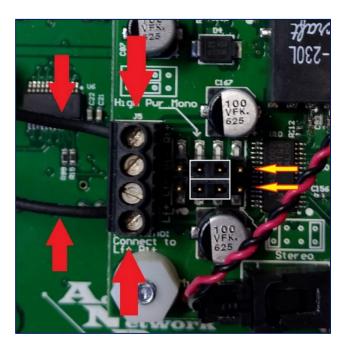
Most AND devices\*\* include a second 8-ohm speaker output. Devices with MAC address 20:46:F9:03:00:00 and newer support this second speaker connection.

Note that the audio power distributes between the two speakers in the stereo mode; it does not double the output power of the device. The second 8-ohm speaker should rate at 10W or greater continuous power, with a sensitivity around 95dB.

\*\*The IPSCM, IPSWS-SM-O, and ZONEC units do not support a second speaker. Additionally, the IPCDS-RWB, IPSCM-RM and IPSIGNL-RWB include two speakers from the factory, and therefore have no additional speaker outputs.

#### PHYSICAL INTERFACE

By default, the included speaker connects on the main controller board as a mono output.





- Speaker wires attached to the outside terminals (1 and 4) of J5
- Header Jumpers (outlined in white)
  placed horizontal and on the center pins
  (indicated by yellow arrows)



#### PCA-000056-11 Board Mono Connections

- Speaker wires attached to the outside terminals (1 and 4) of J5
- Header Jumpers (outlined in yellow) on the left-most pins of J4 and J16
- Verify switch SW1 set in the upper position (indicated by yellow arrow)







To use a second speaker, you must reconfigure the connections. Warning: You must disconnect power to the device before making any changes.

#### **Wiring Distance Recommendations**

#20 (AWG) wire 25 feet max

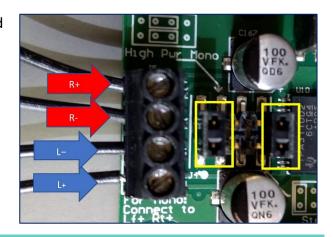
#18 (AWG) wire 35 feet max

#16 (AWG) wire 50 feet max

#### **CONNECTIONS FOR PCA-000056-10**

To use a second speaker with the PCA-000056-10 card

- Attach speaker wires as pairs to top two terminals (1 and 2 with red arrows) and bottom two terminals (3 and 4 with blue arrows) of J5
- Place header jumpers vertical and on outside pins (outlined in yellow)



### **CONNECTIONS FOR PCA-000056-11**

To use a second speaker with the PCA-000056-11 card

- Attach speaker wires as pairs to top two terminals (1 and 2 with red arrows) and bottom two terminals (3 and 4 with blue arrows)
- Place the header jumpers on the right most pins of J4 and J16 (as indicated by the yellow boxes)
- Verify switch SW1 is in the lower position (shown by the yellow arrow)

