

Prop and Scenery Lights, LLC

www.propscenerylights.com

Specification Sheet

(Active IR Dual Mode Proximity and Toggle Switch)

LED Lighting Control

P/N: AIR2



Electrical Characteristics

- 1) Input voltage 7.0 - 24 volts DC, 2.5 amp Max. at 12 volts, 2.0 amp Max. at 24 volts.
- 2) Module rating is 30 watts Max. at 12 volts DC, 48 watts Max. at 24 volts DC. The AIR2 controls (switches) the negative (-V) power, the positive (+V) passes through the unit.
- 3) Idle current 20ma Max.
- 4) Sense ranges 1.2" to 3.9" Typ. Active infrared sensor field of view 30 degrees typ.
- 5) Dual function: #1 "door proximity" mode is proximity sense of cabinet door, closed = Off, open = On, non-latching. #2 "hand wave" mode is Toggle On / Toggle Off with hand waves, latching. When no surface is in front of the AIR2 sensor face for more than 10 seconds, the software changes over to the hand wave toggle mode from the door proximity mode.

Mechanical Characteristics

- 1) Module overall body length is 1.8" Max., body width is 0.7" Max., thickness is 0.30" Max.
- 2) Power connection is via DC barrel connectors 2.1mm X 5.5mm, with 18" ref. (460mm) nominal cable length. Then Jack = input, and the plug = output, center positive.
- 3) Rohs, PB-Lead free, moisture resistant sealed case.
- 4) See our application note for additional details on operation, application and function.

Connector style

Plug 2.1mm X 5.5mm



Jack 2.1mm X 5.5mm



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