

# Model HX-100 AirSelect<sup>TM</sup> Sensor Hub

## The Gateway to a Touchless Experience

The AirSelect Sensor Hub provides connectivity to most devices having individual ports for 4-wire illuminated switches. It also provides additional protection by isolating the signals between the host device and sensors. Compatible with PX-100 (and GX-100 sensors in basic proximity mode). The HX-100 and AirSelect proximity sensors are designed to be direct replacements for push-buttons often used for transport controls and volume adjustment when connected to a media player in an existing fixture.



### **Inputs and Outputs**

- 8x RJ9 to Host ports for external controls, 8x RJ9 Sensor ports  
Note: Sensor port 1 is mapped to Host port 1, etc.
- Optional: removable terminal blocks can be substituted for RJ9 Host jacks
- Indicators: 1x green power indicator

### **Connection**

- AirSelect proximity GPIO
  - Pinout: via RJ9 Sensor ports
    - Pin 1 = 5V DC output
    - Pin 2 = switch normally open, (active low)
    - Pin 3 = ground
    - Pin 4 = LED cathode, (active low receive)
  - Pinout: RJ9 Host ports
    - Pin 1 = LED +
    - Pin 2 = LED -
    - Pin 3 = switch normally open
    - Pin 4 = switch common

### **Power Input Specification**

- Power Entry Port: 2x barrel jack connectors (5.5 x 2.1mm, bussed)
- Voltage: 12V DC
- No-Load Current: 8mA
- Maximum Load Current: 740mA

### **Mechanical Details**

- Case Type: Ascentic universal case, molded ABS
- Case Dimensions (in., WxLxH): 7.5 x 4.1 x 1.5, (mm, WxLxH): 190 x 104 x 38
- CAD Drawing: available on request



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