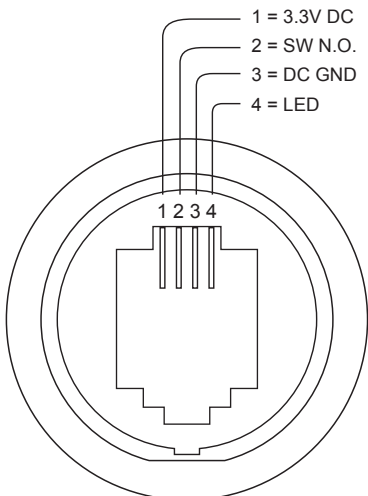


# Model PX-101 AirSelect<sup>TM</sup> Proximity Sensor

## Touchless Sensor for Brightsign<sup>®</sup> Media Players

SHOWN 2X ACTUAL SIZE



VIEW FROM REAR OF  
 SENSOR BODY

Touchless controls help prevent disease transmission in public spaces. The AirSelect sensor is designed to be a direct physical replacement for traditional 19mm push-buttons in a Brightsign<sup>®</sup> driven display. Using the HX-050 Adapter, the PX-101 connects directly to the GPIO port on a Brightsign player.

### Functional Characteristics

- Compact stainless steel face infrared touchless control
- Brightsign GPIO compatible via HX-050
- Custom LED colors and behavior available
- Host GPIO device controls LED functions by driving LED pin *high*
- Presence indicated by switch pin driven low

### Inputs and Outputs

- Standard Inputs: 940nm IR proximity sensor
- Detection Distance: ~3.5" maximum
- Standard In/Out: 1x AirSelect RJ9 port
- Indicators: 4x single color LEDs (standard = white)

### Power Input Specification

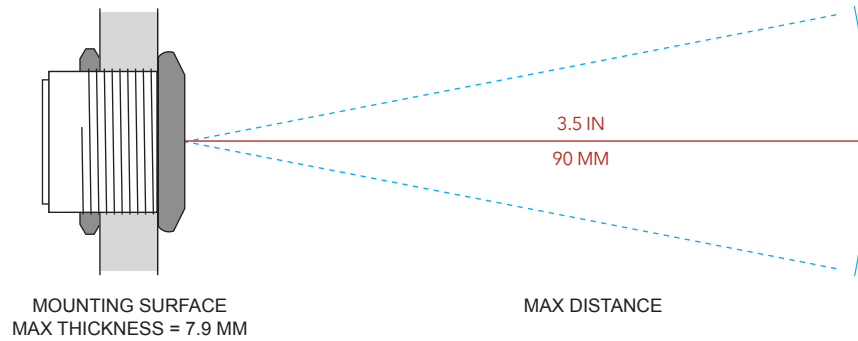
- Power Entry Port: 1x AirSelect RJ9 port
- Voltage: 3.3V DC
- No-Load Current: 25mA
- Maximum Load Current: 40mA

### Mechanical Details

- Case Type: custom molded 19mm housing
- Outer Diameter: 24mm
- Mounting Hole Diameter: 19mm
- Maximum Material Thickness: 5/16" (7.9mm)
- Weight: 8g (includes nut)
- CAD Drawing: available on request
- Spacing: locate sensors on 3 inch centers or greater

### Compatible Devices

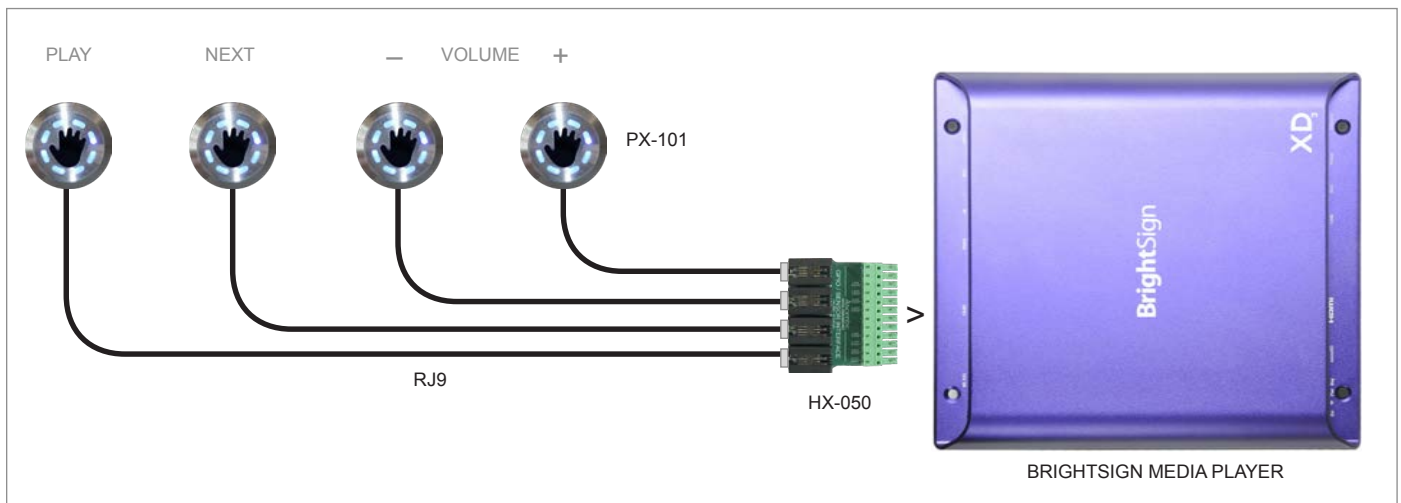
Brightsign GPIO + HX-050



HX-050 GPIO ADAPTER  
ACTUAL SIZE

### HX-050 Details

- Dimensions HxWxD: 2 x 2 x .5 inches
- Input: AirSelect RJ9 cables x4
- Output: GPIO plug to Brightsign 12 pin



**NOTICE:** This document and any attachments to it are subject to change without notice, may be privileged, confidential, or contain trade secret information controlled by a Non-Disclosure Agreement and are intended only for the use of the individual or entity to which they are sent. If this document was sent to you in error, please notify us immediately and do not use, disseminate, retain, print or copy it, or any attachment.

Audio Authority Corporation  
2048 Mercer Road, Lexington, KY 40511-1071 USA  
Phone: 859-233-4599 • Fax: 859-233-4510  
Customer Toll-Free USA & Canada: 800-322-8346  
audioauthority.com • sales@audioauthority.com