

Model HX-PB16

Push-Button and Sensor Hub



Add Push-Buttons or Touchless Sensors to Any Interactive Experience

Interactive Functionality

Any Brightsign or Ascentic media player with RS-232 serial connection can be augmented with the HX-PB16 to add interactivity. Push-buttons may be used for any function native to the player, including play/pause, volume adjustment, or track selection. Multiple Button Hubs may be daisy-chained to provide nearly unlimited expansion.

Easy to Use

The command structure makes it easy to build and update the experience you envision. You can customize all the behavior of each button, including LED on/off and blink rate. It's easy to update the programming via microSD card, or over the internet when connected to the Access Connected World dashboard.

Functional Characteristics

- Add multiple push-buttons to BrightSign or Ascentic players
- Add touchless sensors
- Customize LED on/off and blink rate
- Link multiple units to accommodate 256 push-buttons
- Easy RJ9 button connections are a snap to install

Inputs and Outputs

- RS-232 for 3rd party player connection
- RS-485 Serial Bus: 2x RJ45 port - connects to Ascentic products
- Indicator: 1x green LED

Power Input Specification

- Power Entry Port: RJ Port (RS-485)
- Voltage: 12V DC

Mechanical Details

- Case Type: Ascentic universal case, injection 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



Push-buttons with illuminated ring are available in several LED colors.



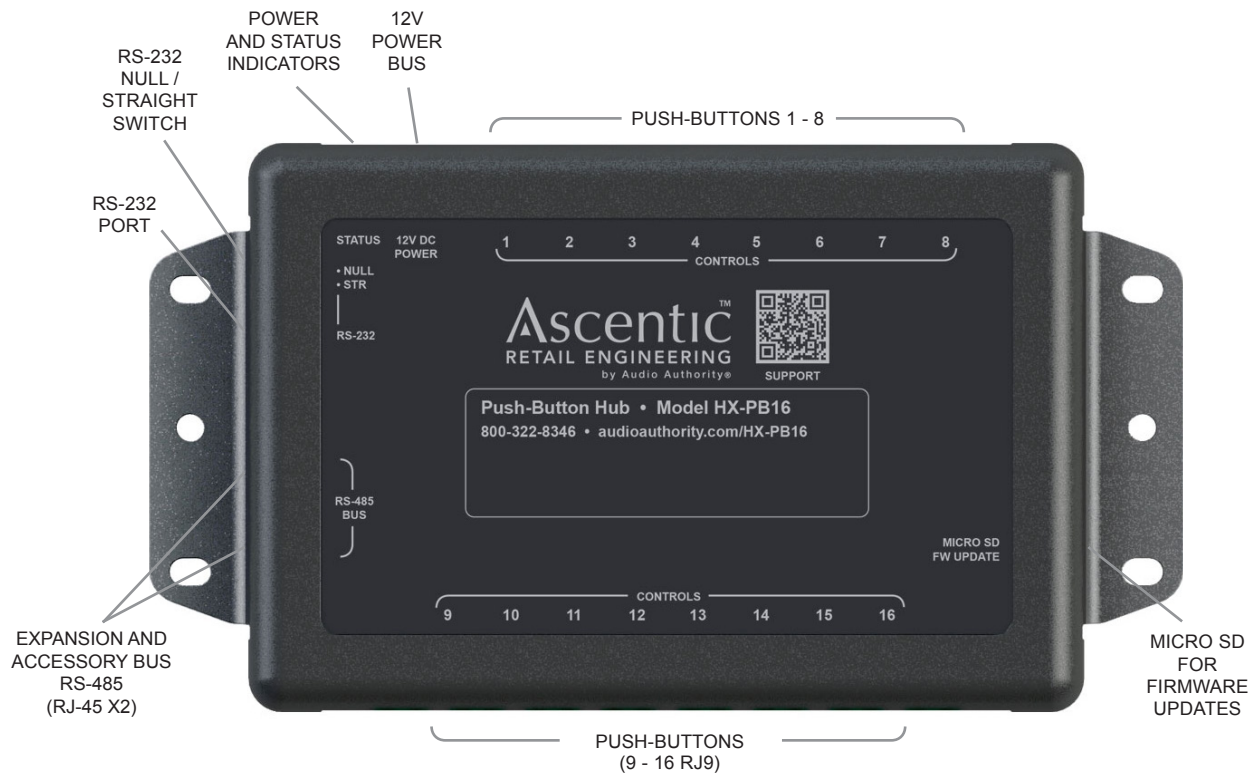
Touchless sensors provide similar functionality to push-buttons but without any physical contact.



RJ9 connectors make buttons or sensors a snap to install.

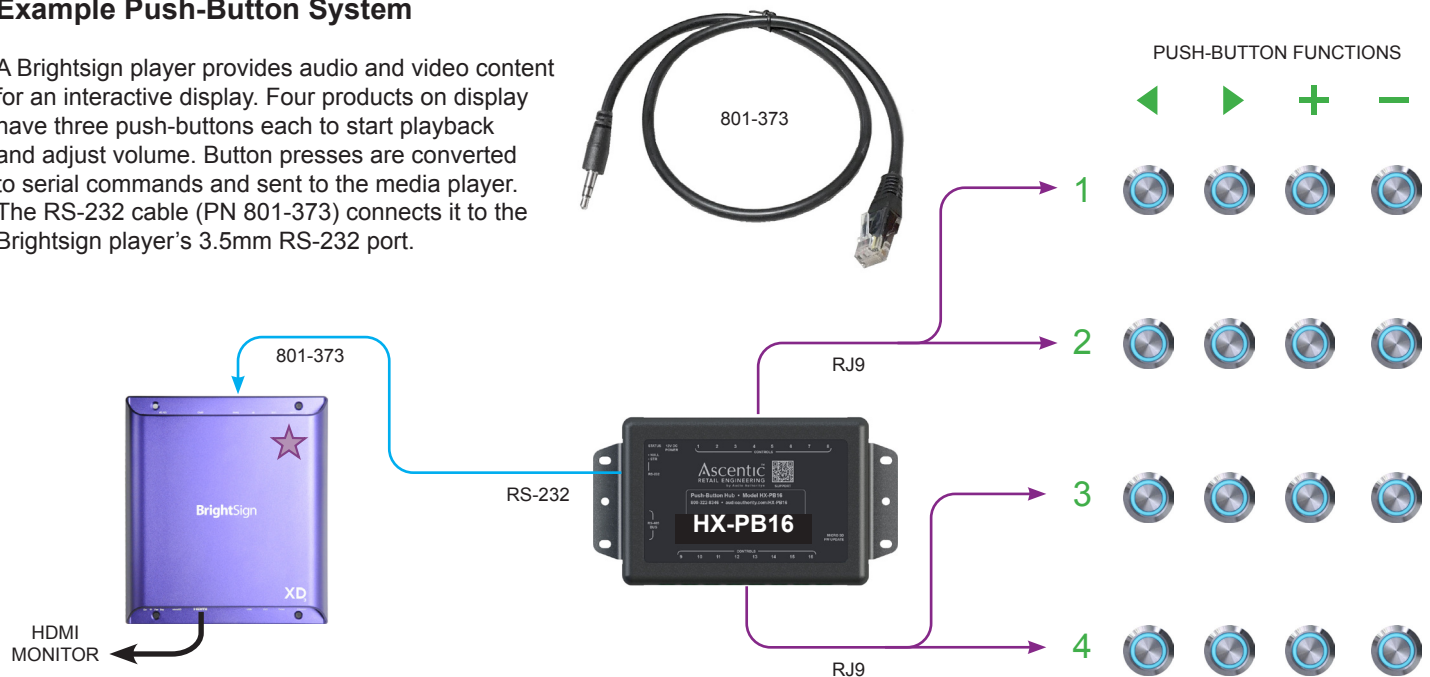


Access Connected World is made up of three things: smart "endpoints" (interactive displays, touchscreens, and other sensors or devices) connected by a data "backbone" to a smart "dashboard" that makes sense of all the sensor data and enables custom functionality and reports.



Example Push-Button System

A Brightsign player provides audio and video content for an interactive display. Four products on display have three push-buttons each to start playback and adjust volume. Button presses are converted to serial commands and sent to the media player. The RS-232 cable (PN 801-373) connects it to the Brightsign player's 3.5mm RS-232 port.



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