

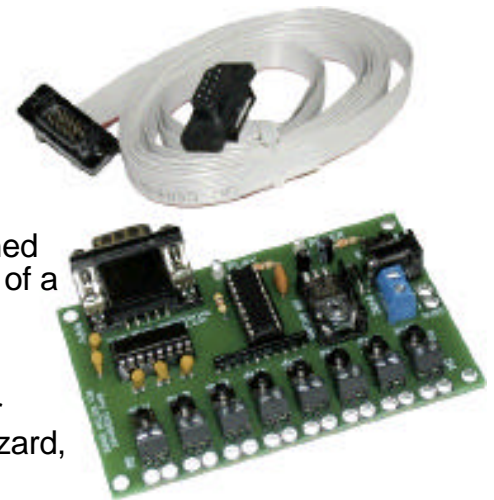
8-Channel RAPU Switch Board

Version 1.0 -2011

Overview

8-Ch Remote Switch Playback Board for RAPU Interface

This unique microprocessor based control board was designed to allow playback selection for 1-8 channel switching control of a Brookshire Software, LLC RAPU (Remote Advanced Playback Unit) show control Interface board through direct connected remote switches, relays, RF system, floor mat switches, various sensor inputs, on-board tactile switches or through any of the programmable Blue Point Engineering Wizard, Puppet boards.



Board Size:
3-7/8" L x 3-1/8" W x 5/8" H

The switch control board connects directly to the RAPU interface board via an 6 foot ribbon RS-232 cable and will allow the user to directly trigger playback of any of 1- 8 shows programmed and recorded in the RAPU from the VSA software without any special control hardware programming needed or any other connected managing device, like a host computer. (**No** Computer is required for any playback control)

RAPU playback or testing can be initiated by either pressing the associated tactile switch located on the board or by dry contact closure at the adjacent channel terminal 1-8 blocks. When RAPU playback is initiated, a yellow status LED on the switch control board lights and stays lit until the playback has ended. Another show cannot be started while the current one is playing preventing false triggering.

Switch board has On and Off power switch, Power Red LED indicator.

The board requires a 9-12 VDC 100 mA minimum power supply that is attached to the board via a 2.1mm barrel-type power supply or the adjacent wire terminal + / - block connector.
(2.1mm x 5.1 mm Power Jack for quick setup and connection)

Wire tie down holes are designed into the control board to secure all attached wires from remote connected trigger devices, or sensors preventing the attached wires from coming loose or breaking away.

Sensors, Switches, Trigger devices connect directly to the control board and are connected to the on-board wire terminal block for each channel 1-8. (two wire connection)

On-board RS-232-9 Pin connector for communications between switch board and RAPU interface board, interface DB9 cable (6' length) has both Male and Female 9 Pin RS-232 connectors for quick connection directly to the 1-8 switch controller and the RAPU board connector.

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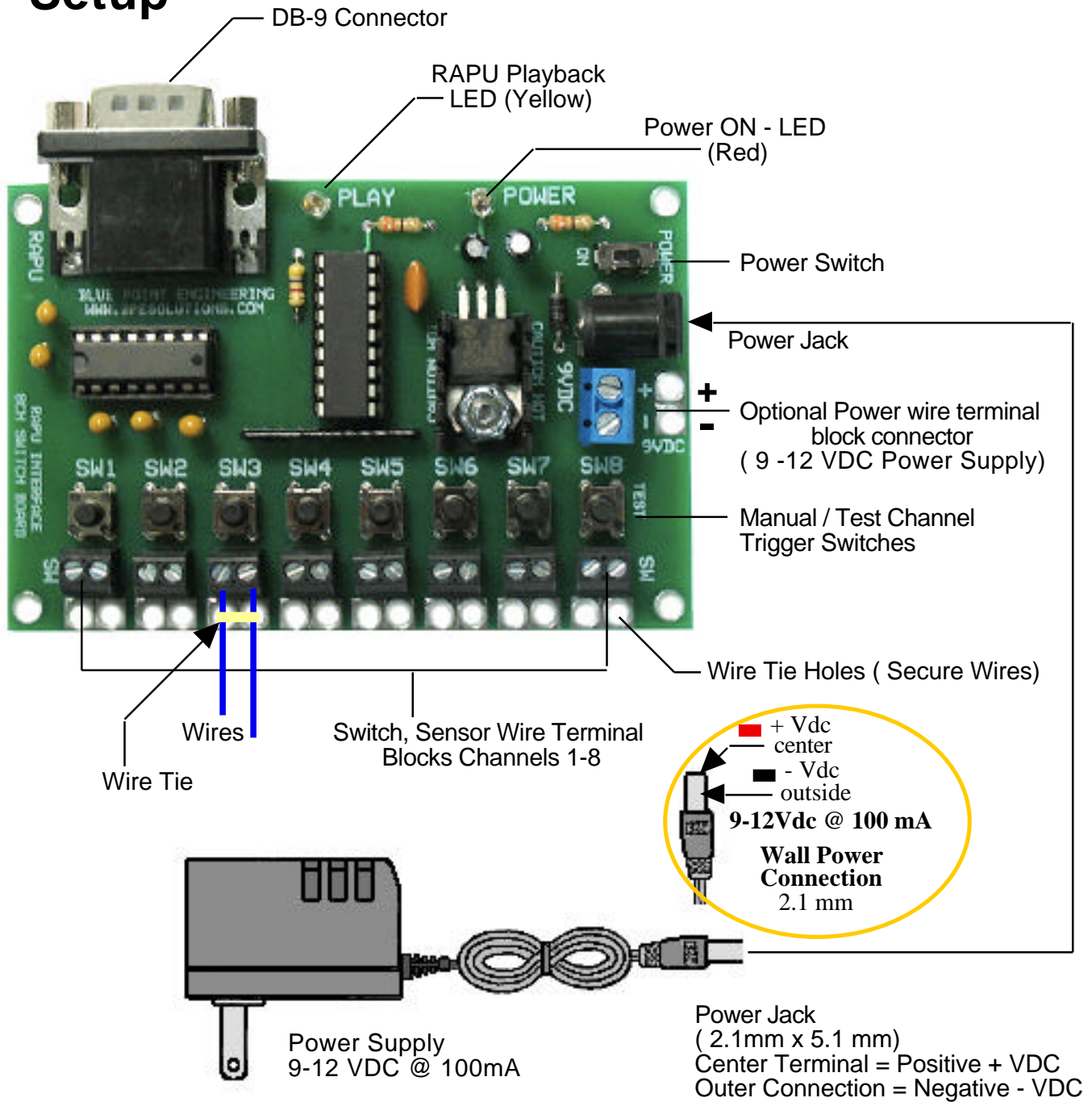
Blue Point Engineering

Phone (303) 651-3794 (MST)
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Setup



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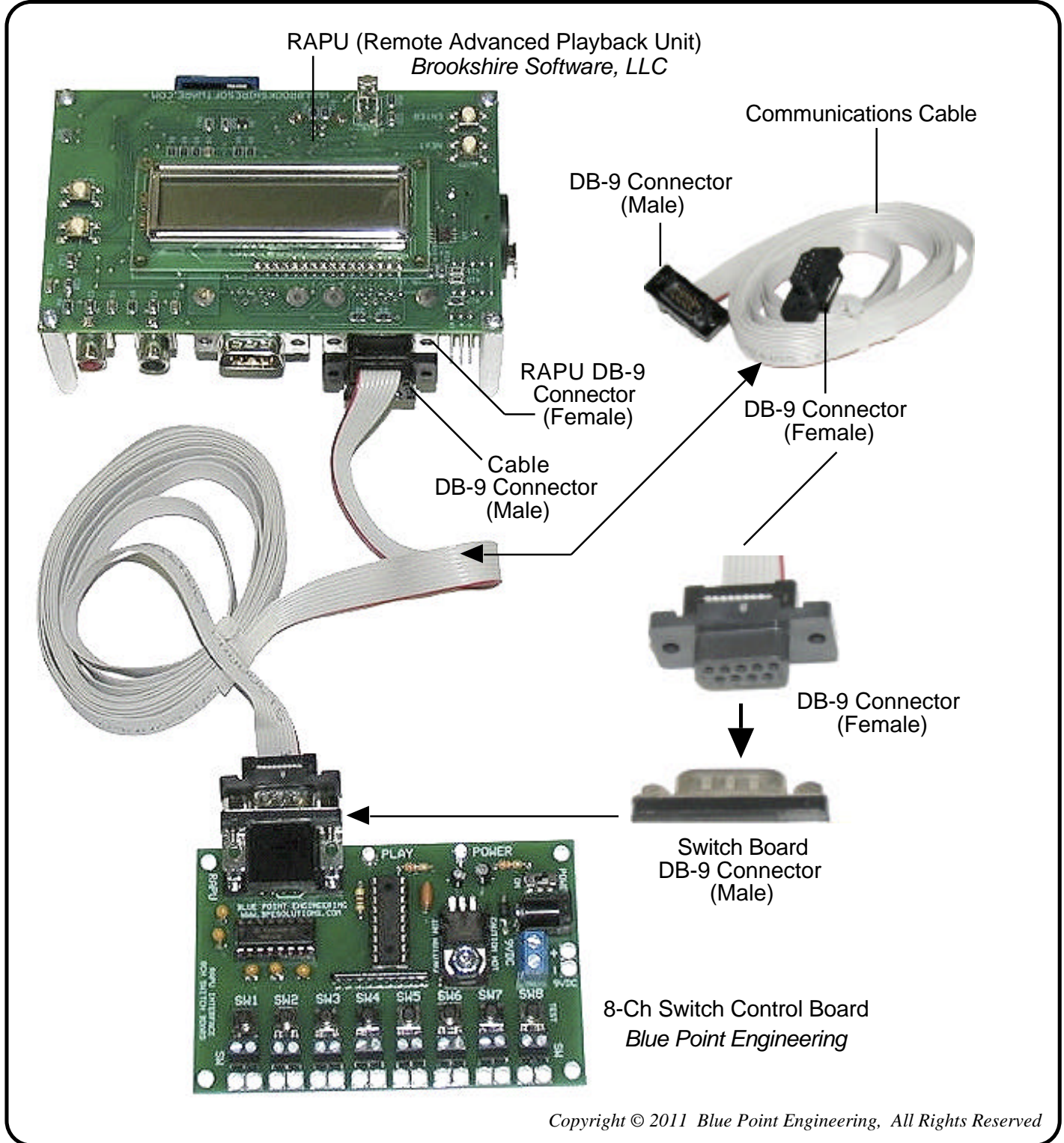
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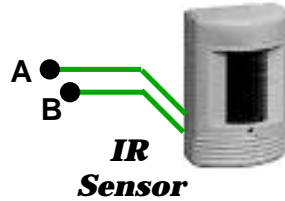
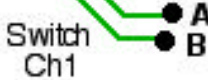
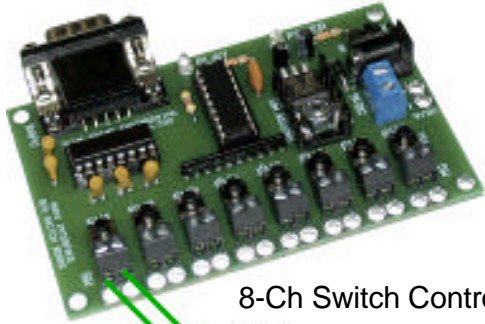
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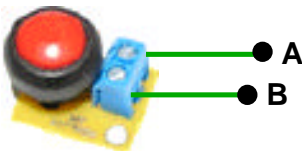
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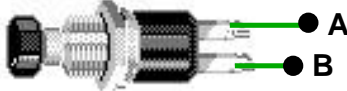
Floor Mat Switch



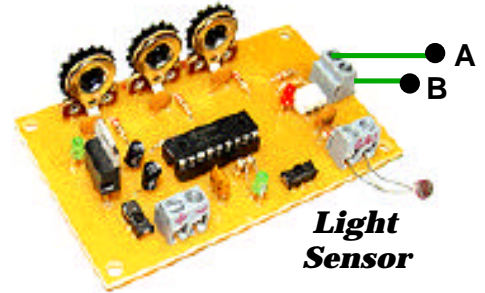
Manual Push Buttons



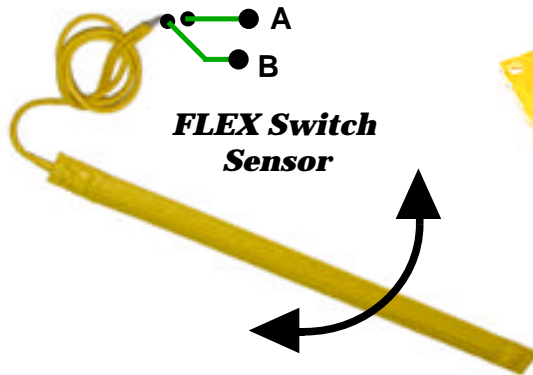
Sound Sensor



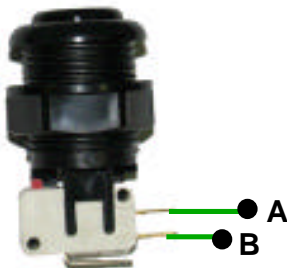
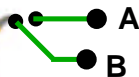
Remote Buttons



Light Sensor



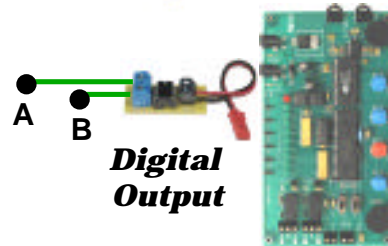
FLEX Switch Sensor



Remote Switch



Wizard Boards



BPE Wizard-1 Board

Digital Output



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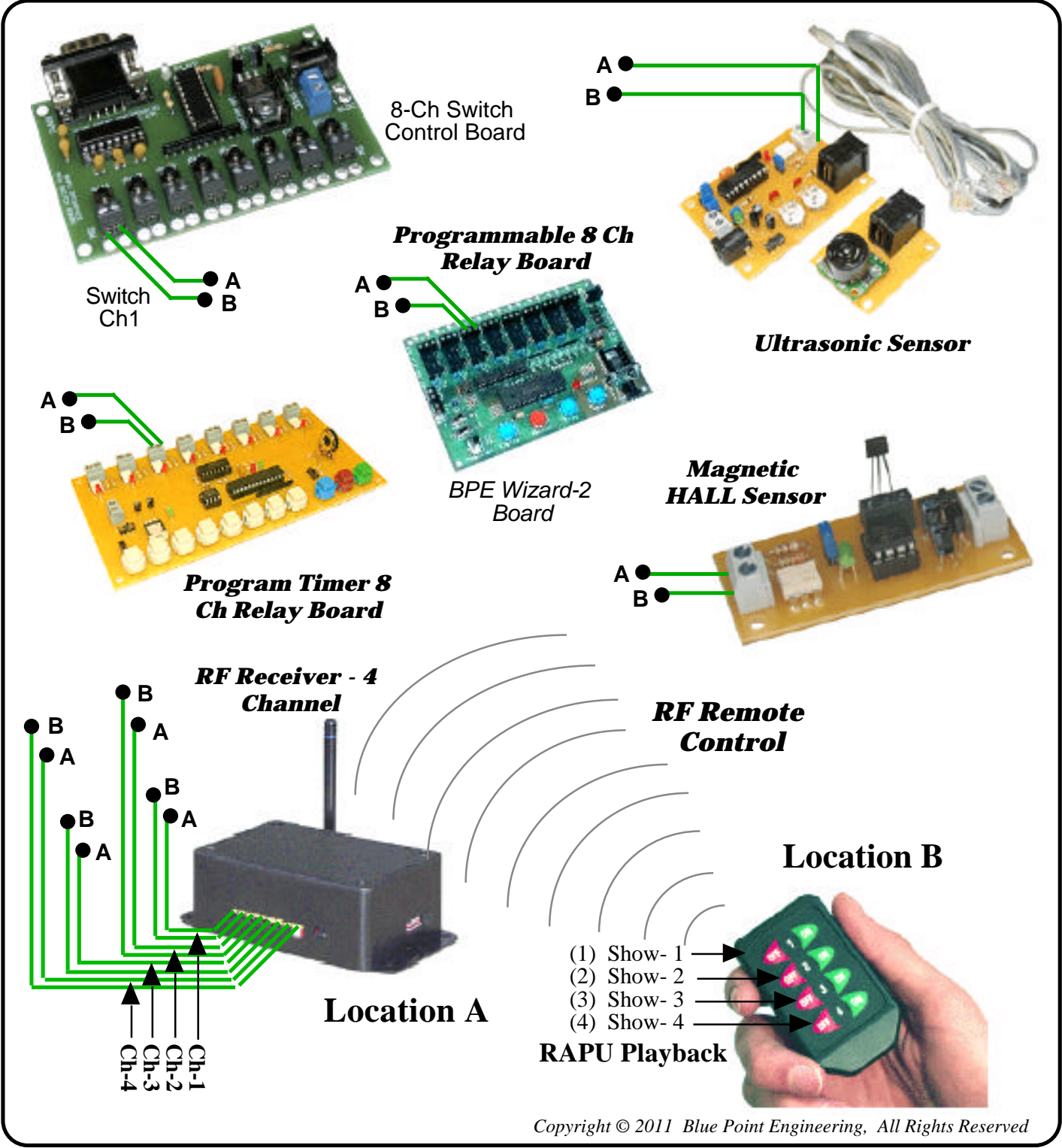
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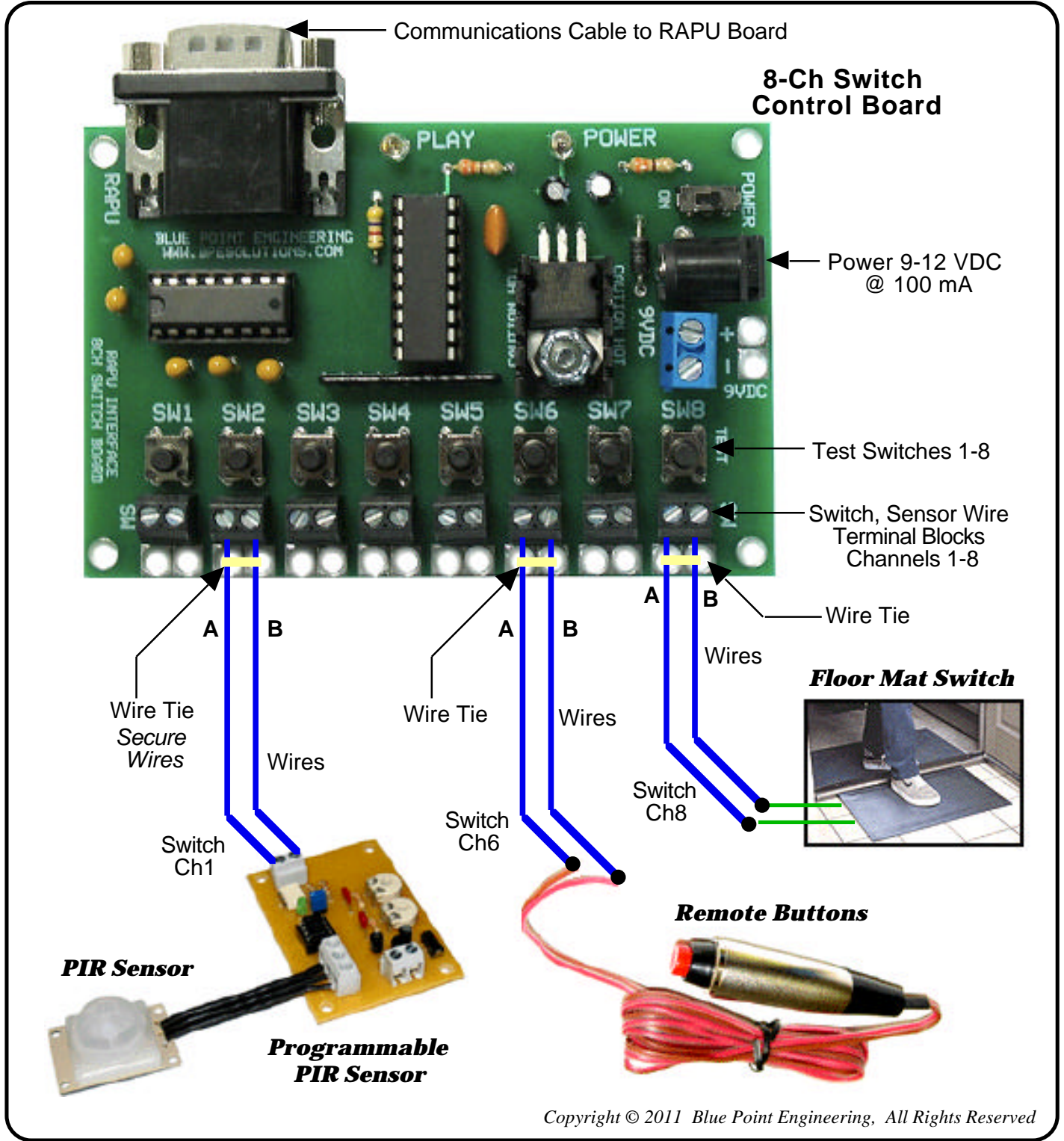
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