

## Musical Equipment *relays & switches*

Switches and relays are essential components in musical equipment, serving both functional and performance-critical roles. Switches provide tactile control over modes, channels, effects, and routing, allowing musicians and engineers to shape sound and workflow in real time. Meanwhile, relays offer silent, reliable signal switching and routing, especially in applications where signal integrity, low noise, and durability are crucial—such as in pedalboards, amplifiers, and professional audio systems. Together, these components form the backbone of modern music gear, enabling precision, flexibility, and creativity in both live and studio environments.

### relays



J104 Series

The J104A, B or C Series relays offer bifurcated contacts for high reliability with high sensitivity. Conforming to FCC Part 68, these PC pin mounted relay offers 2C contact arrangement with coil voltage ranging from 3VDC up to 48VDC with coil power options of .40W or .55W. Dimensions are 20.0 x 9.8 x 10.8mm. Agency approval for this relay is E197851.



J104D Series

The J104D Series relay offers bifurcated contacts for high reliability with high sensitivity. Contacts rated at 2A. Conforming to FCC Part 68, this PC pin mounted relay offers 2C contact arrangement with coil voltage ranging from 3VDC up to 48VDC with coil power options of .15W, .20W, .36W or .45W. Dimensions are 20.4 x 10.5 x 11.0mm. UL Agency approval is E197851.



J103 Series

The J103 series 1C relay conforms to FCC Part 68. Highly sensitive, the J103 offers low coil power consumption in a small, light-weight package with PC pin mounting. Dimensions are 12.5 x 7.5 x 10.0mm. Contact arrangement is 1C with coil voltage choices ranging from 3VDC up to 24VDC and coil power options of .15W or .20W. UL Agency approval is E197851.



### Current Applications:

- Guitars
- Pedals & Pedal Boards
- Synthesizers
- Sound & Power Amplifiers
- Equalizers
- Media Players
- Recording Devices
- Lighting Controls
- Sound Mixers



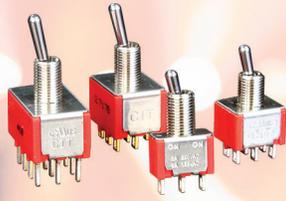
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## switches



### BT Series

The versatile BT series illuminated pushbutton switch offers switching functions of both momentary and latching. Design engineers may choose from seven single LED colors or six dual LED color choices along with a round frame, square frame or no frame at all with many cap style options. The numerous cap styles and colors offered are available in semi-transparent, transparent and opaque styles with unlimited laser etching choices. Start customizing your illuminated switch today!



### ANT Series

Available up to 4PDT with numerous functions, the ANT Series flat toggle switch offers multiple latching options. Terminal options include solder lug, PC pin, quick connect, horizontal mount right angle PC pin or snap-in bracket, vertical mount right angle PC in or snap-in bracket, PC pin support bracket or snap-in support bracket. The ANT Series toggle switch offers many bushing options with actuator length ranging from 5.08mm up to 26.3mm. Multiple actuator covers with choices in cover colors are also available.



### BNT Series

Available SPDT or DPDT with numerous functions, the BNT Series sub-miniature switch offers multiple latching options. Terminal options include solder lug, PC pin, quick connect, horizontal mount right angle PC pin or snap-in bracket, vertical mount right angle PC in or snap-in bracket, PC pin support bracket or snap-in support bracket. This single or double pole double throw toggle switch offers many bushing options with actuator length ranging from 5.33mm up to 10.41mm.



### RC Series

The RC Series rocker switch offers an illuminated option with a choice of SPST or DPST. Multiple latching options are available with terminal options of quick connect/solder lug, PC pins, right angle PC pins or left angle PC pins. Switch function is Off-On. The versatile RC series offers multiple housing color, actuator color, including colored transparent, and actuator marking color choices.



### RA Series

The RA Series rocker switch offers an illuminated option with a choice of SPST or SPDT. Multiple switch function options are available with terminal options of quick connect/solder lug, PC pins, right angle PC pins or left angle PC pins. The versatile RA series panel mount rocker switch offers multiple housing color, actuator color and actuator marking color choices.

## CIT Relay & Switch validation test lab

CIT Relay & Switch has a sophisticated test lab for failure analysis and material testing, helping our customers solve their toughest problems. Our aim is to establish long-lasting relationships with our customers by providing comprehensive technical expertise using our state-of-the-art test lab. Providing accurate and concise solutions, we give our customers the best explanation about how their components perform. Contact a CIT Application Engineer to validate product suitability for your application with real-time live testing backed with data.



**CIT**<sup>®</sup>  
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CIT Relay & Switch delivers a comprehensive selection of ROHS-compliant electromechanical relays, switches and solid-state relays, designed to meet the demands of a wide variety of industries — from automotive and telecom to industrial automation, building systems, and beyond. We appreciate the opportunity to earn your business and demonstrate why companies across diverse sectors trust CIT for dependable performance, responsive service and consistent quality.

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