



PRODUCT NEWS

[High reliability key switches for automotive, industrial and off-road markets](#)

[Environmentally-friendly ultra-miniature tactile switch ideal for space-constrained applications](#)

[Static-free tumbler switchlocks available with up to 2,000 key codes](#)

DESIGN SOLUTIONS

Advancing switch designs with sensitive touch and “clickable” switch technologies

Thanks to advancing consumer electronics, switch designs are evolving into technologies that include both tactile and sensitive touch features in a single device. C&K has developed SensoNav™, the only 14-function navigation switch offered in the smallest package available on the market. Further to SensoNav, C&K has also developed a “clicker” switch technology that provides clickable touch pad and touch screen capabilities. Both solutions are ideal for consumer electronics applications including portable games, mobile phones, PDAs, MP3 players, GPS units, eBooks and universal remote controls.

[Read more >](#)



Welcome to C&K Components' Innovations newsletter, bringing you the latest developments in our switch and connector technologies, custom capabilities and corporate news.

CORPORATE NEWS

C&K's SensoNav™ 14-function navigation switch was recently awarded ECN's 2009 Reader's Choice Tech Award in the category of Electromechanical/Mechanical Devices. This switch combines sensitive touch and tactile functions during its guaranteed life span of 1 million actuations per direction. For more information on C&K's recent award, please visit www.ecnmag.com/Products/2009/12/2009-Tech-Award-Winners



TECHNOLOGY



Complete packaged switch solutions

With complete modules including the switch, fully-decorated face surface with painted and laser-etched buttons and company graphics, and wire harnessing, C&K provides OEM customers with complete packaged switch solutions. For applications in the automotive, consumer electronics, medical and marine markets, as well as other industries, C&K works closely with customers to increase functionality and reliability, improve efficiency, decrease costs and develop complete solutions.

[More information on C&K's switch solutions](#)

APPLICATIONS



High-reliability switch rockers for demanding environmental conditions

C&K's two new families of high-reliability rocker switches, designated the AR3 and SR3 Series, feature life cycles of two million and one million actuations, respectively. Developed to provide the reliability required in demanding environmental conditions, applications for these analog and switch rockers include standard and custom armrest and dashboard controls, and multifunctional grips in industrial and off-highway applications. Designed with integrated temperature compensation, the AR3 switch features short circuit protection while the SR3 switch features precise tactile feedback for increased reliability.

[See complete AR3, SR3 specs](#)

SMARTER CONNECTIONS



Comprehensive range of smart card connectors

Ideal for use in transaction, identification and PoS (point-of-sale) applications, as well as handheld devices and GPS units, C&K Components offers a comprehensive range of smart card connectors featuring high temperature thermoplastics and compatibility with automatic pick-and-place equipment. The 8-contact CCM01 and CCM02 Series connectors feature 100,000 and 500,000 life cycles, respectively, and the CCM02 devices also feature an anti-piracy system. The CCM03 and CCM04 Series smart card connectors are available with 6 or 8 contacts and feature hinged, fixed or auto-locked covers. The CCM03 exhibits 10,000 cycles for the hinged cover and 50,000 cycles for the fixed cover, while the CCM04 Series features a lifespan to 100,000 cycles.

[See complete specs](#)

We hope you enjoy this issue of C&K Innovations. Many of our products are inspired by your design requirements, so naturally, we welcome your feedback and inquiries. Please contact us at switchmarketing@coactive-tech.com.