



Touchless Technology

Chelsom's new Decorative Touchless System allows for contactless control of light fixtures. **darc** finds out more about the new technology that suits the demands of reduced touchpoints within hospitality environments.

Inspired by a growing demand for fewer touchpoints in hospitality settings, a direct influence of the global pandemic, Chelsom's latest release is the Decorative Touchless System (DTS). The customised accessory allows users to switch lighting on and off using an infrared sensor that detects the human hand from a distance of five centimetres. The sensor can be built into any of Chelsom's

standard or bespoke lighting pieces, and is most effective and user-friendly in a table lamp or wall light application. The sensor can be mounted within the base of a table or desk lamp, as well as within the backplate of a wall-mounted sconce or reading light.

"The innovative system has been developed in the wake of the Covid-19 pandemic, as the hospitality and marine sectors have constantly sought



to reduce touchpoints in hotel and cruise ship accommodation,” says Chelsom. “As with many things that we do in product design, the DTS system fuses the latest technology with striking aesthetics so that function and beauty can co-exist.”

The DTS technology can operate across a wide range of voltages, from 100 to 240VAC, and is full compatible with both conventional and LED light sources, making it suitable for global applications. A knurled metal collar encases the sensor and can be plated or powder-coated in an array of finishes to include brushed brass, black bronze, antique brass, brushed nickel, satin black and many others. The decorative nature of this switch gives both lighting designers and interior designers the opportunity to blend both practical and aesthetic product design needs.

Managing Director, Will Chelsom, comments: “We are fully aware that there is a demand in the market for products that can help to minimise the spread of bacteria and viruses, not least of all Covid-19. Although this switching solution will never totally stop the future spread of such things, it will significantly reduce touch points in places such as hotel guestrooms and cruise ship cabins, where regular light switching can cause multiple touchpoints in a room. We wanted to go further with the touchless technology by making it beautiful as well as practical so that interior designers can get excited about using the system from an aesthetic perspective.”

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