











TOUCHLESS TECH is a company dedicated to bringing the benefits of touchless switching to everyone who can have their everyday living made easier.

The original concept was developed by the creator of this product to help a visually impaired friend switch on a bedside table light at night without having to fumble around in the dark. A range has been developed in four models for the Assistive Technology sector to help people with a wide range of needs and abilities.

We dedicate our products to the disability/mobility market. All products developed by us have a social value in improving the lives of individuals at home or in clinical establishments. Our products have been developed with the help of many organisations in the sector to ensure the optimum usefulness of each variant.

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PLEASE ENQUIRE BELOW FOR INSTALLATION AND APPLICATION NOTES

Touchless Tech

www.touchlesstech.co.uk

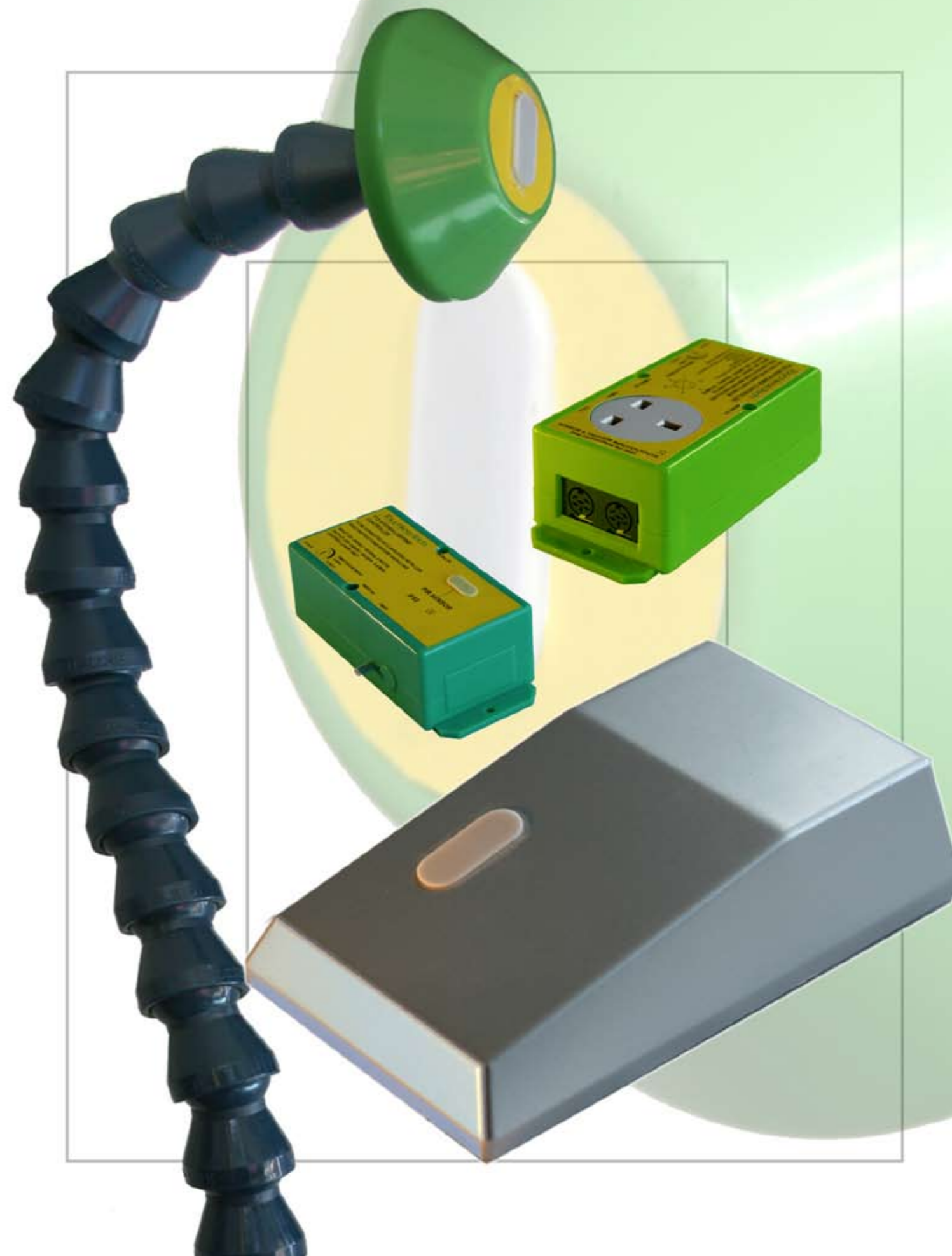
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Touchless Tech

Timed touchless switching solutions for the 21st century



The four switches in the range use Passive Infrared technology (PIR) which activates on moving body heat passing over the sensors. The switches will conveniently respond to any part of the body making it a boon for people with any sort of dexterity, mobility, or visual impairment. Two models incorporate a nurse call link. In addition because no part of the body touches the switches they are ultra safe and invaluable in clean environments where the user cannot or does not want to touch the switch because of wet or contaminated hands.

TT-1 LAMP SWITCH CONTROLLER

KEY FEATURES

- EFFECTIVE
- SAFE
- CLEAN
- SPLASHPROOF
- SILENT
- ABUSE PROOF
- LOCKOUT (TT-2)

Have you ever wished you could switch on a light without having to touch anything? well The TT-1 is just such a switch, no more fumbling in the dark trying to find the lamp switch. Just pass your hand over the unit and the light will switch on.

The TT-1 is an innovative table light switch that provides a convenient and safe way of operating lights in the home, office, hospital, care homes, laboratories and elsewhere. the switch sits neatly on a bedside table, desk or other flat surfaces. a single sweep of the hand over the switch will switch the lamp on, and a second sweep will switch it off. there is a delay of 5 secs after activation so the switch cannot be repeatedly switched on and off. also because the switch is sensitive in a limited 8 degree range it is unlikely to be accidentally activated.

In the home or care establishment because the switch is silent when activated it will not disturb others. the switch is also safe for children because it will still work if liquid is poured over it. at night the switch will emit a comforting neon glow which can be seen in low light conditions.



USERS

- HOME
- CLINICS
- HOSPITALS
- CARE HOMES
- NURSING HOMES
- LABORATORIES
- FACTORIES
- OFFICES

TT-3 KITCHEN LIGHT SWITCH

Have you ever wished you could just switch on your under-unit kitchen lights with just a sweep of the hand?

Well the TT-3 is the switch for you. As you enter your kitchen just sweep your hand under the unit and your light will switch on without touching with wet or dirty hands. and as you leave another sweep of your hand will switch your lights safely and conveniently off. the switch has the same 5 second time control as the table model so that that the switch cannot be abused by multiple switching on and off.

Once activated the light or appliance will stay on for a pre-determined time and can be adjusted from 45 seconds to 15 minutes. a second sweep of the hand will override the time and it will switch off.

The TT-3 is an installed, hard-wired product for use in or under kitchen, laboratory or office cabinets.



TT-2 POWER SWITCH CONTROLLER

Have you ever wished you could switch on an electrical or electronic appliance without having to touch anything? the TT-2 is just such a switch. the TT-2 sensor head works with the High Power Controller to give you all the advantages of the TT-1 in a high power configuration. the sensor will activate a range of electrical appliances or tools in the home, office, workshop, hospital & care homes.

Because no part of the body touches the switch it is ultra safe which is invaluable in clean environments where the user cannot or does not want to touch a switch because of wet or dirty hands.

The switch uses a passive infrared sensor which will only activate on moving body heat passing over the sensor. the switch will conveniently respond to any part of the body such as the head, elbow, foot, knee or finger making it a boon for anyone with any sort of dexterity, mobility or visual impairment.

The controller works from a worktop, desk or any flat surface. a single sweep of the hand over the sensor will switch the appliance on. a second sweep will switch the appliance off. also because the switch is sensitive within an 8 degree range it is unlikely to be accidentally triggered. like the tt-1 the switch has a delay which protects it against abuse and unsafe use. there is also a variable delay timer which will turn the appliance off after a user-set time. The timer can be set from 20 secs to 45 minutes.

The tt-2 with controller will operate appliances and devices of up to 8 amps and is supplied with a 13amp iec socket so the switch is ready to use out of the box. in addition there are sockets provided for electronic interfaces to activate a wide range of external electronic devices including a nurse call system.



Nurse call output

TT FLEXI SENSOR HEAD

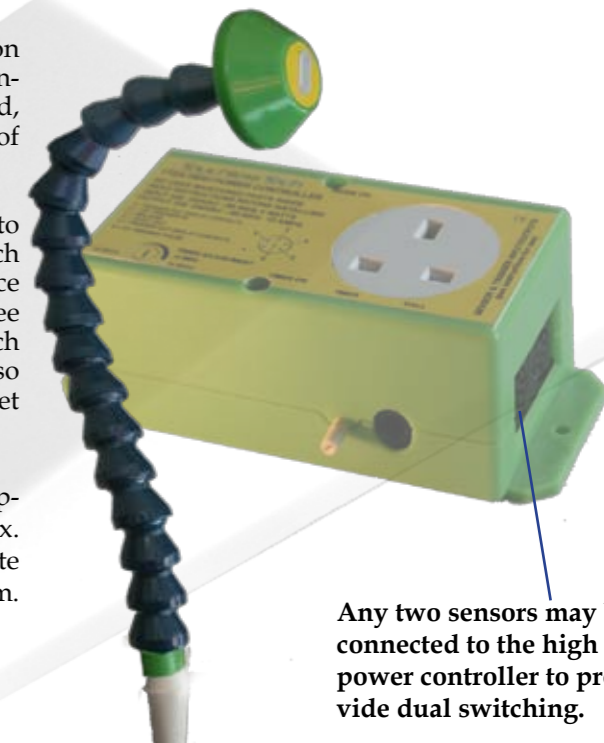
The TT Flexi Head works with a dedicated plugged in flexible sensor to give you all the advantages of the tt-2 with the addition of a swan neck device which allows the sensor to be moved to any number of set positions. this would ideally suit people with severe mobility conditions

The sensor will activate a wide range of electrical and electronic appliances or tools, in the home, office, workshop, hospital & care environments. in addition it can be activated from a wheelchair or bed.

The switch uses a passive infrared sensor which will only activate on moving body heat passing over the flexi sensor. the switch will conveniently respond to any part of the uncovered warm body such as the head, elbow, foot, knee or finger making it a boon for anyone with any sort of dexterity, mobility or visual impairment.

The controller works on any flat surface and the flexi arm is clamped to a suitable point. a single sweep of the hand over the sensor will switch the appliance on. a second sweep after a delay will switch the appliance off as with the tt-3. also because the switch is sensitive within an 8 degree range it is unlikely to be accidentally triggered. like the TT-1 the switch has a delay which protects it against abuse and unsafe use. there is also a variable delay timer which will turn the appliance off after a user-set time. The timer can be set from 20 secs to 45 minutes.

the tt-4 will operate appliances and devices of up to 8 amps and is supplied with a 13amp IEC socket so the switch is ready to use out of the box. in addition there are sockets provided for electronic interfaces to activate a wide range of external electronic devices including a nurse call system.



Any two sensors may be connected to the high power controller to provide dual switching.