



MOBILE & FIXED

# Industrial Wireless Safety Systems

**DOLD**



Safety Rating: SIL3



**SIATECH**

Safety Rating: SIL2



**CATTRON**

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**262.652.8660**  
[www.safeworkplace.org](http://www.safeworkplace.org)

# Wireless Emergency Stop Buttons

## RADIO CONTROLLED SAFETY SYSTEM - PAIR MODE

### SAFEMASTER W - Wireless Safety Wireless Functional Safety in pair mode

The safety approved, bidirectional radio controlled safety system UH 6900 from the SAFEMASTER W series, is for the transmission of safety inputs such as E-stop and conventional control functions and offers great flexibility for the protection of hazardous areas. By implementing the latest radio control technologies, a high degree of availability, a wide range, and safety is achieved. Two safety zones can easily be connected wirelessly over a considerable distance. The main application areas include applications covering large areas and mobile applications such as fully automated conveyor systems and driverless transport systems. Simple and inexpensive retrofitting of existing safety systems can also be achieved wirelessly with this system.

- For safety applications up to Cat. 4 / PL e or SIL CL 3
- High availability with long transmission range
- Two-channel safety inputs and outputs
- Control inputs and outputs
- Quick Start, fast set-up procedure
- Convenient diagnostic options



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*Available Dec. 2021*

## RADIO CONTROLLED SAFETY SYSTEM - GROUP MODE

### SAFEMASTER W - Wireless Safety Wireless Functional Safety in group mode

The radio controlled safety system UH 6900 of the SAFEMASTER W series comprising a group controller and up to 255 group receivers for the safety transmission of emergency-stop and control functions provides more flexibility when securing dangerous areas. The group controller can be used to let several receivers securely shut down through a unidirectional, safety radio transmission. Furthermore, the controller together with a receiver can exchange indicator, control and status information. The main application areas include mobile applications, such as completely-automated floor conveyors and automated guided vehicles.

- For safety applications up to Cat. 4 / PL e or SIL CL 3
- High availability with long transmission range
- Two-channel safety inputs and outputs (Group receiver)
- Control inputs and outputs
- Quick Start, fast set-up procedure
- Convenient diagnostic options



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## SAFEMASTER W

### Radio controlled safety system UH 6900 -In group mode

The radio controlled safety system UH 6900 of the SAFEMASTER W series, consisting of one group controller and up to 255 group receivers for the safety-related, wireless transmission of emergency stop and control functions, offers more flexibility in safeguarding hazardous areas. High availability, long range and safety are achieved by implementing the latest radio technologies. With the group controller, several receivers can be safely switched off via a unidirectional, safety-related radio link. Furthermore, the controller can exchange message, control and status information with a receiving device.

The devices enable the connection of up to 3 two-channel safety sensors (emergency stop, LC, safety door, two-hand etc.) and offer simple configuration as well as extensive evaluation and diagnostic options.

The main areas of application include mobile applications such as fully automated floor conveyors and driverless transport systems. A simple and cost-effective retro-fitting of existing safety systems can also be realized without wiring.

#### **Advantages and customer benefits:**

- For safety applications up to Cat. 4 / PL e or SIL 3, TÜV certified
- Safety-related, unidirectional emergency-stop transmission in group mode
- High availability at long distance (up to 800 m)
- Quick start, fast set-up procedure
- Reliable data transmission and low susceptibility to interference
- Comprehensive fault localization and diagnosis
- Two-channel safety inputs / outputs
- Control inputs / outputs
- Integrated analysis of the existing radio network



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# Wireless Emergency Stop Buttons

## PAIR MODE APPLICATIONS

- Machine building industry
- Intralogistics
- Paper and printing industry
- Food industry
- Automotive industry
- Recycling industry
- Packaging machines
- Mining and steel industry
- Gantry cranes
- Mountain railways and ski lifts
- Transportation and conveying technology
- Wind energy systems
- Ship building and harbour systems
- Construction materials industry

... and anywhere else  
where safety is the  
highest priority.  
Also in your industry!

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## GROUP MODE APPLICATIONS

- Intralogistics
- Machine building industry
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## LITERATURE

- [Wireless Pair Mode](#)
- [Wireless Group Mode](#)
- [SAFEMASTER W](#)
- [Wireless Pair Mode Manual](#)
- [Wireless Group Mode Manual](#)
- [SAFEMASTER W Group](#)

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# Emergency Stop Buttons

## REMTRON SAFE-T-STOP (WIRELESS)

- Large red Safe-T-Stop button
- Up to seven functions possible
- Can be used in operations that require UL913

Intrinsically Safe

UL listed for Class 1, Division 1, Group D available for T09, T10, T14 and T18

Configurations

24T09-01 – Two pushbuttons (On/Alarm, Off/Stop), large red stop button

24T09-02 – Two pushbuttons (On/Alarm, Off/Stop) 3 rocker switches, large red stop button

Housing: IP65 enclosure

Frequency: 902 - 928 MHz

Commands: Up to seven functions including three rocker switches, On/Alarm and Off/Stop buttons



## LITERATURE

- [Safe-T-Stop Industrial Wireless Remote Control](#)
- [Safe-T-Stop System](#)



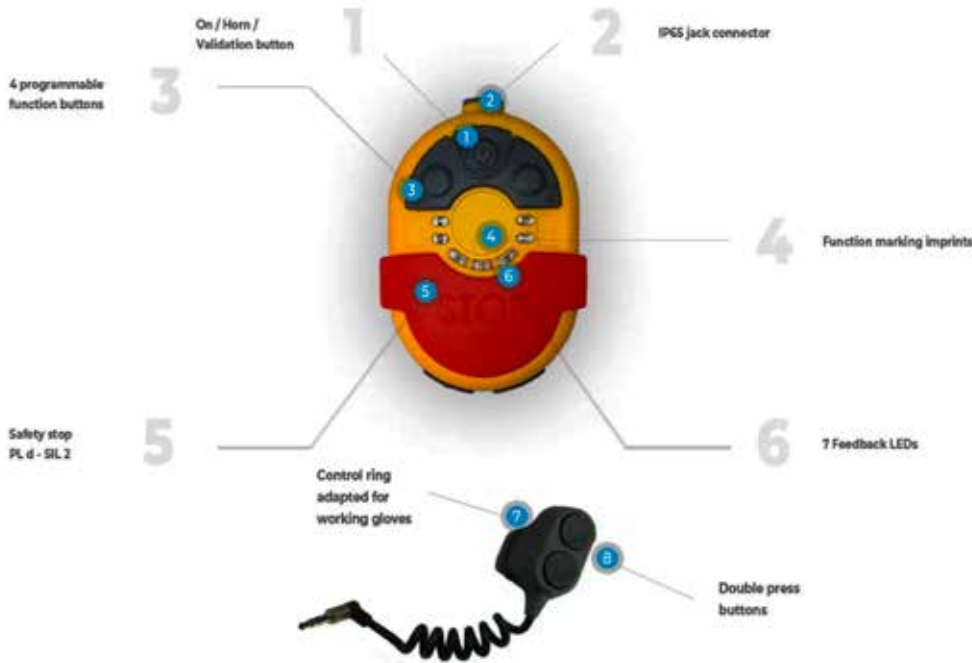
# Wireless Emergency Stop Buttons

## COMHAND

Free your hands! Perform your tasks easily and enjoy more ergonomics and versatility with this innovative remote control.



Safety Rating: SIL2

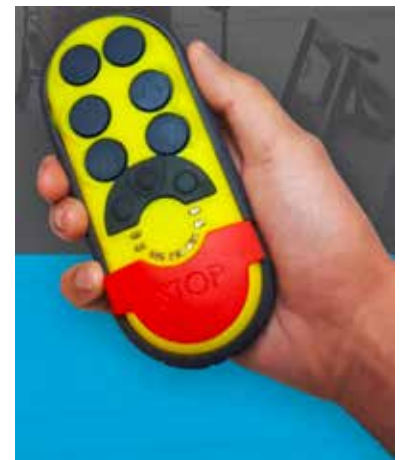
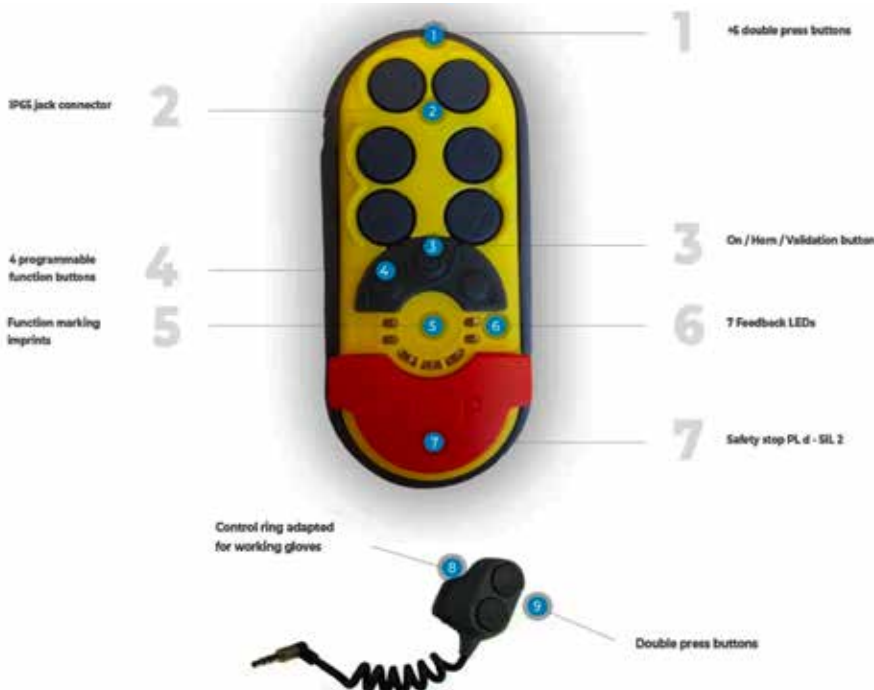


## BABHAND

Gain flexibility with this compact and versatile remote control. With or without accessories it will best adapt to your use.



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# Wireless Emergency Stop Buttons

## ENABLING SWITCH VALIDHAND

### OPTIMAL SAFETY IN HAZARDOUS AREAS

Intended for isolated workers, this enabling switch is characterized by its ergonomic shape. Three states are present on the ring in order to act as a safety switch on your equipment during the operator's intervention. This dead man's device guarantees the validation of industrial processes.



Safety Rating: SIL2

## WIRELESS E-STOP SECURHAND

### ENHANCED OPERATOR PROTECTION

The portable emergency stop solution is unique on the market. It is worn continuously on the wrist and thanks to its "punch" button accessible at any time, it allows to significantly increase the safety of the operator.



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# Wireless Emergency Stop Buttons

## COMHAND APPLICATIONS

### ONE TRANSMITTER, NUMEROUS APPLICATIONS

Especially designed for tasks requiring one movement at a time, ComHand can be used on any type of lifting devices and responds to all button box issues. Its ergonomic and compact shape, its simplicity, its robustness and safety of use make this radio control a valuable tool to increase your operational efficiency.

- Hoists
- JIB cranes
- Monorails
- Gantry cranes



Safety Rating: SIL2

## BABHAND APPLICATIONS

### ONE TRANSMITTER, NUMEROUS APPLICATIONS

Especially designed for combined movements, BabHand can be used on any type of lifting devices. Thanks to its ergonomic and compact shape, its robustness, its simplicity and safety of use and its multiple combinations, this new radio control provides considerable added value to your productivity.

- Overhead cranes
- JIB cranes
- Monorails
- Gantry cranes



Safety Rating: SIL2

## ADDITIONAL APPLICATIONS

Hands-free & handheld applications that allow the operator and other personnel the ability to stop a machine/hazard as needed. Too many applications to list!!!



Safety Rating: SIL2

## LITERATURE

- [Comhand Brochure](#)
- [Siatech Quickstart](#)
- [Comhand User Guide](#)
- [Babhand Brochure](#)
- [Siatech Receiver Wiring Scheme](#)



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## VIDEOS

- [SIATECH: Hands free remote control for overhead cranes](#)
- [SIATECH: Tutoriel BabHAND](#)



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## ISC Import Partners:



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