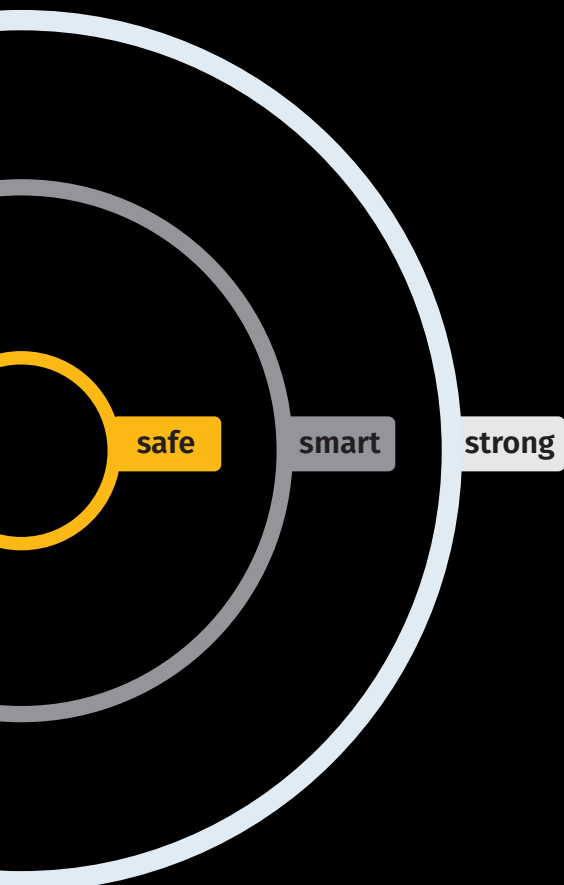




tele radio®
wireless solutions

**YOUR CHOICE
FOR MAXIMUM
SECURITY**
TIGER

teleradio.com

See the website for our worldwide locations

AN **ALLGON®** COMPANY

in Tele Radio Group **f** Tele Radio Group

SAFE • SMART • STRONG



MAXIMUM SECURITY?

TIGER IS YOUR CHOICE!

915 MHz and 433 MHz

Our **TIGER** products are the absolute top of our handheld range. It is the first choice for companies looking for the most advanced solutions in wireless control. The built-in safety features apply to the highest standards that make the system perfectly fitted for workplaces where the risks should be limited to a minimum for example, when lifting, hoisting, pressing, and rolling.

The functionalities are highly programmable by the user. Through the feedback option, information from the receiver is shown on the transmitter. If ultimate control is needed, we can offer proportional controls to give the user a much more precise experience. However, the **TIGER** contains much more special features.

FEEDBACK OPTION

Tiger offers both digital and analog feedback from the receiver to the transmitter. This can result in the illumination of a LED or the transmission of an input value in the receiver to the display of the transmitter and/or an acoustic signal. If a weight sensor measures a too high value, it can result in a warning shown on the transmitter and/or a proactive stop signal in the receiver.

For analog feedback, there is a separate module, suitable for inputs of 0-10V, 0-20mA, 4- 20mA, and other to-be-defined inputs.

PASS THROUGH OF RECEIVER SIGNAL

An external module, named Tiger-Lynx, provides the distribution of information between various receivers. With this module, the information of 1 receiver can be distributed to 7 other receivers. For example, suppose you are lifting, and the weight sensor measures a too-heavy load, then overload protection can be put into effect. This signal can be transmitted wirelessly to the other receivers so that they can also switch on the emergency stop.

SAFETY FEATURES

The emergency stop is a prominent part of the transmitter and guarantees a constant, active connection with the receiver that meets the safety levels PLe and SIL3. The transmitter is also suitable for a wired operation which is common in the offshore industry.

INFORMATIVE DISPLAY AND LEDS

The display can be programmed per pixel and can be used to show your logo. It shows the battery status, ID number, frequency, and signal strength. Through the feedback function, it can show the lifting weight, but also an alarm or error code, for example, in a portal crane via text, symbols, or animations. Flashing LEDs show the function that is switched on and can also give feedback signals. Furthermore, we can connect the LEDs to an internal sound signal.

CHARGEABLE BATTERY

The battery status can be shown on the display. The transmitter with 8 buttons has an internal battery with an operation time of approximately 15 hours. The other transmitters have a removable battery with an operation time of approximately 20 hours. Various accessories are available to charge the batteries.

ACCESSORIES

A wide range of accessories is available for Tiger transmitters and receivers. For example, standard foils with hoist symbols, stands with or without a charger, chargeable batteries, charging cables with cigarette lighter plugs, straps, covers, etc. The accessories make the use of Tiger in practice even more friendly and enjoyable.

PROVEN SAFETY

Our Tele Radio Tiger transmitters have been approved according to SIL3 and PLe, the highest safety rating available in radio control. Approval is done by an independent, notified body. In addition, the certificates can always be handed over. The certification is just one of the examples of our contribution to machine safety. Our remote solutions offer maximum freedom of movement combined with the certainty that the emergency stop is always at your fingertips.

CUSTOM FOILS

Custom foils for the Tiger transmitters and receivers can be supplied per piece. These industrial foils withstand heavy use, discoloration, and liquids. The foils can be printed with your company colors, logos, and fonts. They also have a safety function. The clear symbols are tailored to your specific process and avoid that any mistakes can be made by you or your staff.

See the examples next to Accessories.

PROPORTIONAL BUTTONS

The unique proportional buttons provide infinitely variable and sensitive control. Ideal for machines and equipment that demand precise control. Calibration of the buttons is done automatically and continuously.

The system

- Safety certification PLe and the SIL3 IEC61508 standard.
- Certified according to the CSA-standard for the US and Canada.
- Duplex communication between transmitter and receiver.
- Range up to approximately 1,000 meter.
- 915 MHz and 433 MHz, 69 channels.
- Also, modular wired control possible for continuity and wired control in places where radio signals are not permitted.
- A spectrum analyzer uses the display to show which frequencies are free or occupied.
- Pre-programmed functions are selectable via key combinations.
- Advanced functions are programmable through USB.

The transmitter

- Light, robust, and waterproof according to IP class 65 or 66.
- Available with 2-steps pushbuttons or proportional pushbuttons
- Shows feedback information on the display or by flashing LEDs.
- Models available with buzzers and infrared protection.

The receiver

- Waterproof according to IP class 65 or 66.
- Available with 10-pins industrial plug or mounting holes.
- Modular extendable with bus protocol (can-, profi-, or modbus).
- Models available with display, digital- and analogue inputs and outputs.



TG-T9-2



TG-T9-1



TG-T11-4



TG-T11-5



TG-T14-7



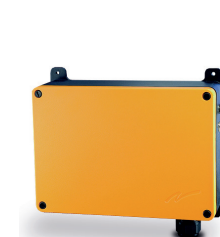
TG-T15-7



TG-R4-**-



TG-R10-**-



TG-R9-**-

