



Why wireless remote control?

A remote control is often chosen because of its convenience and comfort. You don't need to walk between the machine and control panel. If you choose a wired control, the loose cables form an obstacle and there is a serious chance of failure due to corrosion and breakage. Our remote solutions offer maximum freedom of movement combined with the certainty that the emergency stop is at your fingertips.

Is wireless remote control safe?

When improperly used, every machine can be unsafe, but our wireless remote controls have a lot of advantages. Some of our transmitters have an adjustable “donut” range. It only starts up or operates at a certain distance of the machine and also at a maximum distance. Our transmitters also contain various start up and user protections, they are robust and provided with a secure and high quality connection between the transmitter and receiver.

What is our contribution to machine safety?

In the chain of safety components it is important that our systems comply to the same safety level as the machine that is operated. Only then the safely level is guaranteed. With our certified SIL3 and PLe systems this is the case. There are double safety relays and a feedback function. The safety level is independently certified. That is our way to secure your safety and that of your workspace.

WHERE IT CAN BE SAFE, IT MUST BE SAFE

The Tele Radio products are perfectly tailored to the needs of the industry. Both universal products and customized solutions contributing to a more ergonomic and safer workspace.

Our products are innovative. Combining the use of smart software, special protocols, quality components, robust and ergonomically designed housings, the systems are in use by companies looking for the most reliable and secure wireless controller.

Various Tele Radio products apply to the highest safety standards (CAT3, PLd, SIL3, PLe). To secure the safety, most of our products are independently certified by notified bodies. That is exceptional. But we want you to be 100% sure about the safety level of our products.



PRODUCT RANGE



See the website for our worldwide locations

teleradio.com





PUMA INDUSTRIAL REMOTE CONTROL 2.0

- **SIL3, PLe and CAT3 certified.**
- **Completely adaptable.**
- **RFID control.**
- **LED-illuminated faceplate / handlebars**
- **Active Antenna.**
- **Various bus systems.**



With over 70 years of experience the Swedish Tele Radio Group developed a new series of industrial remote controls with the highest safety levels for hydraulic, mobile and industrial applications: PUMA.

Because of the modular build of the PUMA, the flexibility is extreme while guaranteeing a fast time to market. The assortment starts with various basic models, that are adaptable to the individual needs of every application.

There are 2 types of transmitters, a large version the T24 and a smaller version T26. Under the hood one can choose from a wide range of possibilities. RFID-activation, LED-illumination on handlebars and faceplate, cable control, gyroscopes and accelerometers etc. Naturally next to these technologies, all standard control elements imaginable are configurable, like paddles, joysticks, potentiometers and switches.

The smart software of the PUMA series makes it possible to adjust in the field or from a distance at any time.

The system can be equipped with an active antenna which can also serve as a stand-alone repeater. This new accessory increases the range between transmitter and the receiver substantial. It makes it possible to use this system in very demanding circumstances, like mining, in mountainous areas, or in big buildings without losing signal.



PANTHER WORLDWIDE USABLE

- **Worldwide use (2.4 GHz).**
- **Up to 700 meter range.**
- **Also available with PLd safety level.**
- **Highly adjustable.**
- **Plug and play sets for mobile use.**

PANTHER operates on the globally accepted and licence free frequency 2.4 GHz and is suitable for up to approximately 700 meters (PN-T21).

The PANTHER range is versatile due to the wide choice of transmitters and its adjustability. Either small, compact or larger hand held transmitters. All light, robust and waterproof (up to IP class 67).

Available with 3, 6, 8, 10 or 12 function buttons and with a large number of seperately available accessories. There are also plug and play sets for mobile use.

With PANTHER you opt for reliability and safety including an 8 buttons version that meet the PLd cat3 safety standard for lifting and hoisting.



TIGER MAXIMUM SECURITY

- **SIL3 and PLe certified.**
- **Adjustable range up to 1,000 mtr.**
- **Joystick transmitter with optional paddles and buttons.**
- **Various bus systems.**

The TIGER is the first choice for companies looking for advanced solutions in wireless control with many built-in safety features.

TIGER is used where the risks are high. TIGER complies to the SIL3 and PLe safety standards. The functionalities are highly programmable by the user.

Available as handheld transmitter or joystick transmitter with paddles, buttons, switches etc. Through feedback, information from the receiver is shown on the display or LEDs.

The models with proportional pushbuttons offer a very precise experience next to the standard 2-steps push buttons.



ACCESSORIES INCREASE THE EASE OF USE

We offer a wide range of accessories to adjust the transmitters For example external antennas, (chargeable) batteries, stands, covers etc. We also deliver custom foils to protect the buttons of your transmitter or to tailor your transmitter to your companies standards. We can deliver all spare parts seperately. Our own Service Deparment is ready to help you with settings, customization and repairs.

PANTHER PLD SAFE AND FRIENDLY PRICED

Specially developed for application that require a high level of safety like hoisting and lifting. The PANTHER PLd applies to the required PLd/SIL2 standard, independently certified by a notified body. The PANTHER PLd offers a wide range of user protections. The transmitter has all the characteristics of other Tele Radio products: a wide range, robust and highly adjustable to your own needs through a USB connection with your personal computer.

The PANTHER PLd is one of the shaper priced systems on the market with these specifications.