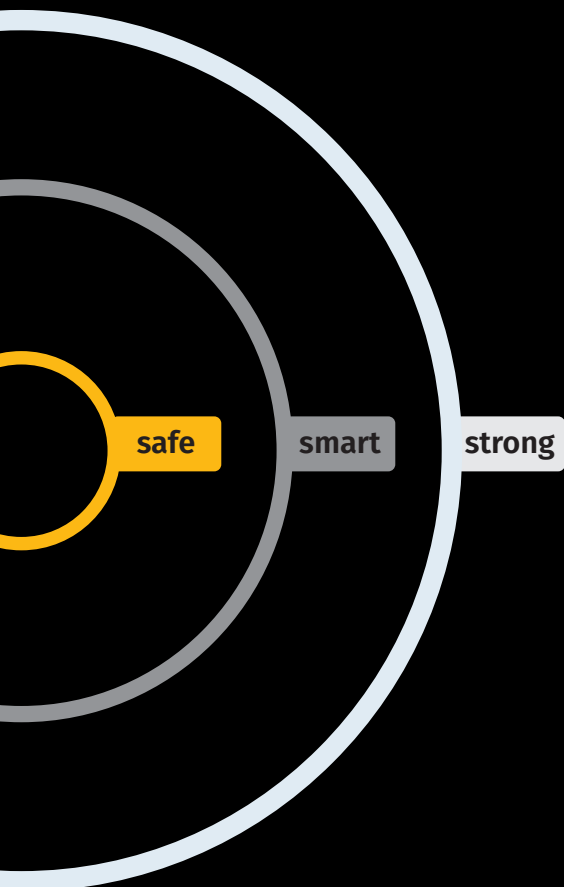
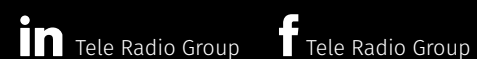




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AN **ALLGON**® COMPANY



PRODUCT RANGE

PAQ HANDHELD

PAQ HANDHELD BEYOND EXPECTATIONS

Tele Radio introduces an innovative product line that transforms how businesses manage their operations: **PAQ**. A forward-thinking approach to industrial remote control that enhances flexibility, connectivity, and protection as we know it.

As industries continuously evolve and automate, Tele Radio's new platform equips users for current challenges and prepares them for the future of machine control. Built on a groundbreaking hardware and software platform, this new generation of controllers combines unprecedented flexibility with enhanced security features and user-friendly operation.

Seamless interoperability

One of the most compelling advantages of Tele Radio's PAQ line is its complete interoperability. It offers unprecedented opportunities in terms of interchangeability of transmitters and receivers, transcending the limitations of current stand-alone product lines. Users mix and match transmitters and receivers freely between PAQ and PANTHER as well as with most of Tele Radio's TEQ waist transmitters. This creates the possibility to use a compact PAQ transmitter for a proportional, hydraulic application, parallel to a waist transmitter. The plugin functionality makes it easy to switch between applications. Moreover, with the introduction of the PAQ line, Tele Radio offers a feedback option in its handheld range operating on 2.4 GHz.

Enhanced customization

Understanding that every industrial application has unique requirements, Tele Radio offers a platform with advanced customization capabilities. Through configurable plugins, users can tailor remote controls to specific needs as well as switch between configurations for different applications. These plugins enable extensive customization of functionality. Configuration of plugins are easily handled with the new FieldManager™ app.

User identification

PAQ introduces RFID to the world of wireless remote controls, turning a remote control into a portal for personal identification. From now on, owners assign user permissions and determine who controls a machine and which of its functions. For example, only certified users can operate a crane lifting over 10 tons of load. RFID also enables tracking and analyzing operational productivity.

Safety first

Security remains paramount when it comes to industrial remote-control systems, and PAQ is all ready to meet safety regulations – now and in the future. While maintaining the critical emergency stop functionality, the platform introduces additional safety features that create multiple layers of protection for operators and equipment alike. Because the stop function is PLe, CAT4, and SIL3 certified, the system is equipped to take on high-risk operations such as moving heavy loads. Our remote solutions offer maximum freedom of movement combined with the certainty that the stop function is always at your fingertips.



FLEXIBILITY

Thanks to plugins, users program access levels, button functionality, LEDs, displays, backlighting, menu configuration, charge state, input voltage, use of the acceleration sensor (falling or tilting), and buzzer warnings.



CONNECTIVITY

Thanks to the FieldManager™ app, users receive support and service regardless of their location. Users enjoy instant access to technical documentation, share system settings via email, and benefit from firmware updates.



PROTECTION

Each function of a PAQ handheld – radio communications, plugins, security – is assigned a different processor unit. As a result, individual customer software can never affect a remote control's vital components.



OmniPAQ TH63
T34-01



DuroPAQ TH56
T35-01



SupraPAQ TH76
T36-01



DuroPAQ TH55
T37-01



R30



Get ready to connect with the FieldManager™ app

PAQ introduces a dedicated smartphone application that revolutionizes how users interact with a remote control. The FieldManager™ app, which as it is continuously developed, enables:

- Support and service independent of an operator's location
- Quick and intuitive system setup and configuration
- The possibility to share system settings via email
- Real-time monitoring of device status and performance
- Instant access to technical documentation
- Seamless firmware updates for continuous improvement

The system

- Operates on the 2.4 GHz frequency. Worldwide, license-free use. Future support for other frequencies.
- Compatible with Panther and VersaTEQ/SupraTEQ.
- Uses Direct Sequence Spread Spectrum technology (DSSS). The signal is divided in smaller bits over the frequency range, minimizing interference and decreasing the risk of interception.
- Plugins offer advanced settings creation based on the language "C."

- Smartphone connection via FieldManager™ app, IEEE 802.15.
- FieldManager™ app available for iOS and Android.
- Duplex or simplex radio communication, depending on a system's setup.
- PLe, CAT4, and SIL3 certified stop function.
- RFID.

The transmitters

- Light, robust, and waterproof according to IP class 65 or even IP66.
- Rechargeable, high-capacity Li-ion battery 2000 mAh with charger integrated in transmitter (except TH63).
- Equipped with programmable LEDs and backlight display (TH56 and TH76).
- Acceleration sensor, buzzer, and RFID (TH63 acceleration sensor only).
- 6, 8, or 10 two-step buttons.
- Robust rubber protection cover.

The receiver

- Available in 8 different versions, 4 come with low-voltage power supply (12-24 VDC & 24-48VAC) and 4 with high-voltage power supply (110-230VAC).
- Waterproof according to IP class 66.
- 2 stop relays and 5 function relays; 5 optional relays on expansion board.
- Internal antenna, external antenna optional.
- Some versions available with certification according to the 2027 Machinery Regulations.