KEEP BOTH HANDS FREE

For a relaxed working position

The Tele Radio TEQ waist transmitters are built for the most complex industrial steering like cranes, pumps, vehicles, mobile machinery, etc. These transmitters offer a two-handed operation when attached to a neck strap or waist belt. This way, you can easily unburden your hands to use them for other tasks. The large, sturdy handles ensure a relaxed working position.

Our waist transmitters come in different sizes both as standard versions or customized to meet your specific needs concerning push buttons, switches, joysticks, feedback information, etc. The choice is yours: either a compact, handy transmitter or one of our bigger versions that include plenty of room for extra controls and a display up to 4.3" to display detailed information from the machine. The possibilities are almost endless.

YOUR DEMAND | YOUR CHOICE

PrimaTEQ

- ✓ 210 mm wide (1.2 kg)
- ✓ Frequency 433 or 915 MHz
- ✓ Monochrome screen 45.2 x 14.6 mm
- ✓ Rechargeable, exchangeable battery
- ✓ PLe , SIL3

BASIC LINE 15 standard versions **OR** **CUSTOM LINE** The choice is yours

VersaTEQ

- ✓ 241 mm wide (1.0 kg)
- ✓ Frequency 2.4 GHz
- ✓ Colour screen 45.0 x 35.0 mm
- ✓ Rechargeable, exchangeable battery
- ✓ PLe/CAT 3, SIL3

BASIC LINE 2 standard versions **OR** **CUSTOM LINE** The choice is yours

SupraTEQ

- ✓ 330 mm wide (2.0 kg)
- ✓ Frequency 2.4 GHz
- ✓ Colour screen up to 95.0 x 53.8 mm
- ✓ Dual battery (hot swappable)
- ✓ PLe/CAT 3, SIL3

BASIC LINE 1 standard version **OR** **CUSTOM LINE** The choice is yours

For over 60 years we have been in the wireless remote control business. We believe that success is created by offering exclusively innovative products of the highest quality, with the highest safety levels, and excellent service, based on long-lasting customer relationships. That's how we grew from our Swedish home into a leading, global company. Customers can rely on us, wherever they are, regardless of their industry.

In more than 40 countries you can find our subsidiaries, partners, and dealers that help you to find the best wireless solution, support you with the customization, and take care of the installation, repairs, and replacements. Over half of these countries are served by companies owned by Tele Radio.

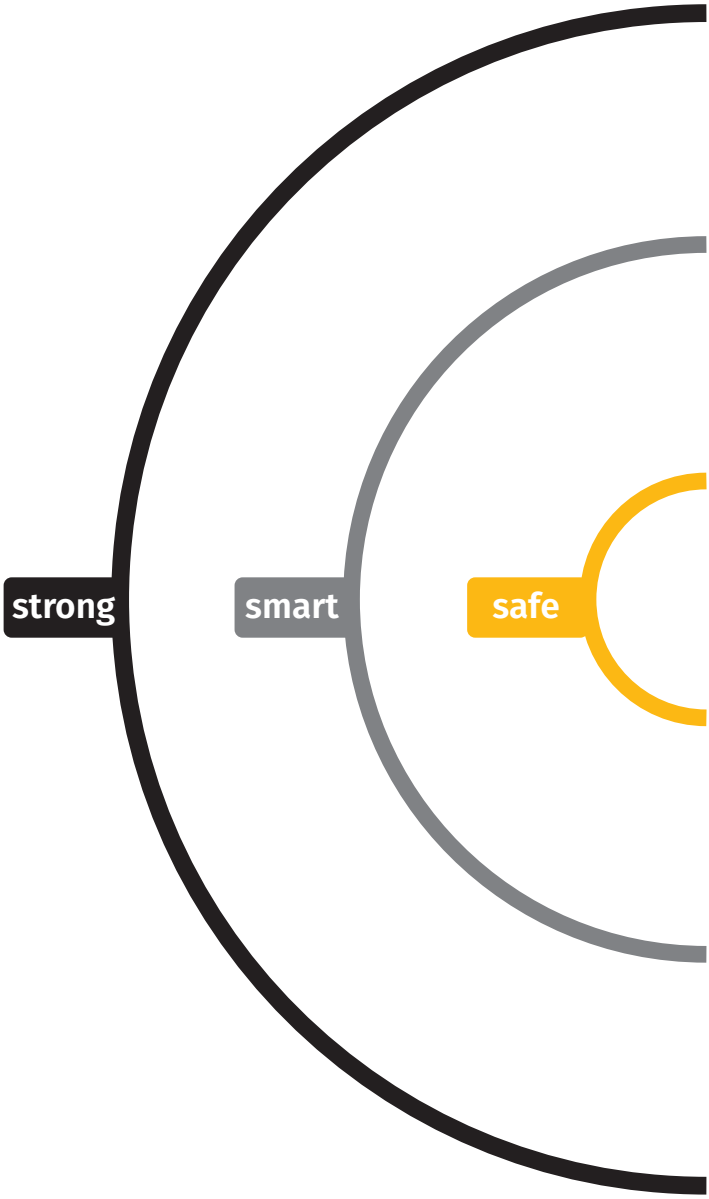
To secure your safety, most of our products are independently certified by recognized institutions. We can always hand over the needed certificates. Our products contribute to a more efficient and safer workspace.

Independently certified safety levels

Customization of hardware and software

Global sales and service network

tele radio®
wireless solutions



teleradio.com

AN ALLGON® COMPANY

Tele Radio Group

Tele Radio Group

v. 1.1

tele radio®
wireless solutions

PRODUCT RANGE
WAIST BELT

transmitters for industrial use

SAFE • SMART • STRONG

PRIMATEQ

Tele Radio's primary solution for waist transmitters. Recognizable by their compact size of 21 cm wide that therefore offer comfort for long-lasting use. A blend of solid design and technology, combining durability, reliability, and safety. PrimaTEQ is independently certified on the PLe/SIL3 safety level and has the IP65 rating.

- **Attractively priced**
- **High safety level**
- **Compact and robust**
- **915 and 433 MHz**

PrimaTEQ is available by default in more than 10 joystick versions, digital or analog, 433 MHz, or 915 MHz. The transmitters have two 2-axis with spring-to-center joysticks that allow for 2 or 4 graduated steps or a step-less control, depending on the version. The system has pre-defined functionalities but can also be programmed for advanced steering via USB. For specific needs, you can opt for our Custom Line which is built based on your requirements.

Although widely deployable, PrimaTEQ is ideal for lifting and hoisting. The system offers solutions for wired control, crane-to-crane steering and specific software pre-sets. PrimaTEQ offers it all.

BASIC LINE

PRIMATEQ TW46 433 TG-T12-2*	PRIMATEQ TW46 915 TG-T12-3*
433 MHz frequency	**915 MHz frequency**
45.2 x 14.6 mm monochrome screen	45.2 x 14.6 mm monochrome screen
Backlight of screen	Backlight of screen
2 x LED	2 x LED
2 x Joystick (various versions)	2 x Joystick (various versions)
2 x Toggle switch	2 x Toggle switch
Ergonomically shaped handlebars	Ergonomically shaped handlebars
4 x Side buttons	4 x Side buttons
PLe/SIL3 | IP65	PLe/SIL3 | IP65
Buzzer	Buzzer

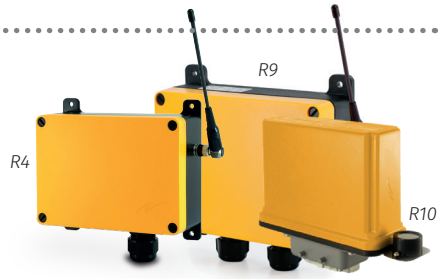
CUSTOM LINE

PRIMATEQ TW46
TG-T12-5*

Your custom options

- ✓ **SOFTWARE.** Configurable to your exact specifications.
- ✓ **OPERATION.** A free choice of control elements and safety features like a key lock.
- ✓ **FACEPLATE.** You can personalize the faceplate with your own symbols, texts, logos, background, etc.
- ✓ **RECEIVER.** A wide range of options like the expansion of external buttons, bus protocols, etc.

For PrimaTEQ We offer smaller seven-relay receivers up to large receivers with 28 relays. We also offer receivers with bus technology: Profibus, Modbus, CANopen, or J1939, and even receivers that can plug in directly to an application with a 10-pin Harting connector. For step-less analog support, we offer analog receivers. All receivers meet IP65 or IP66 certification.



RECEIVER R4 (10 versions)	RECEIVER R9 (6 versions)	RECEIVER R10 (2 versions)
433 MHz or 915 MHz	433 MHz or 915 MHz	433 MHz
12-24 V AC/DC, 48-230 V AC	12-210 V DC, 24-230 V AC	48-230 V AC or 12-24 V AC/DC
Cable connection	Cable connection	Harting connection
No display	Display	No display
RP-SMA	BNC or RP-SMA connector	Internal antenna
Versions • 7 Relays, optional CANopen or J1939. I/O 2/0 • 11 Relays, of which 4 analogue. I/O 5/12 • 17 Relays, I/O 10/0 • 2 Digital outputs	**Versions** • 12 Relays, optional with Profibus or Modbus/TCP. I/O 2/0 • 28 Relays, I/O 10/0 • 2 Digital outputs	**Versions** • 7 Relays, I/O 2/0

VERSATEQ

Our innovative midrange solution for waist transmitters features a smooth and ergonomic design. These transmitters are approximately 24 cm wide. Fitted with handlebars that follow the natural curves of the hands. To guarantee your safety, each of the VersaTEQ transmitters is fitted with an independent certified PLe + CAT3 stop function and contains the IP65 rating.

- Special features
- Excellent safety
- For complex steering
- 2.4 GHz

VersaTEQ is robust, versatile, and flexible for many operations. It operates on the 2.4 GHz frequency and is equipped with the most modern technology like drop & tilt protection, vibration motor, support of active antenna/repeater, illuminated handlebars, etc. We offer two Basic Line versions that are suitable for most operations. If you want the VersaTEQ made to your own specifications, you can choose our Custom Line.

For hydraulic, mobile, and industrial applications, the VersaTEQ offers a safe solution.

BASIC LINE

VERSATEQ TW57-1 T26-TS02	VERSATEQ TW57-2 T26-TS03
2.4 GHz frequency	**2.4 GHz frequency**
45.0 x 35.0 mm color display	45.0 x 35.0 mm color display
Backlight of screen	Backlight of screen
2 x LED	2 x LED
2 x Proportional redundant XY joysticks	6 x Proportional redundant paddles
4 x Toggle switches	4 x Toggle Switch
Handlebars with light (2x)	Handlebars with light (2x)
4 x Side buttons	4 x Side buttons
PLe/CAT 3, SIL3 | IP65	PLe/CAT 3, SIL3 | IP65
Vibration / Drop & tilt	Vibration / Drop & tilt

CUSTOM LINE

VERSATEQ TW57
T26-0*

Your custom options

- ✓ **SOFTWARE.** Configurable to your exact specifications.
- ✓ **OPERATION.** A free choice of control elements and safety features like PLe/SIL3 certification.
- ✓ **FACEPLATE.** You can personalize the faceplate with your own symbols, texts, logos, background, etc.
- ✓ **RECEIVER.** Options like multiple fieldbus protocols, external antenna, customized wiring, etc.

For VersaTEQ and SupraTEQ we offer 2 types of receivers that come with an M12 connector for cable control, an RP-SMA connector for external antenna, an internal antenna, pre-programmed I/O's, etc. Our R20 receiver is specifically designed for hydraulic machinery while R21 is perfectly suited for CANopen/J1939 and Modbus.

R20

R21

RECEIVER R20-(RS)0(X)	RECEIVER R21-(RS)0(X)
2.4 GHz	2.4 GHz
12-24 V DC	12-24 V DC
Pre-wired 35pin connector with 2 m cable with 35 cores	M20 cable gland
LED indicator	LED indicator
RP-SMA connector	RP-SMA connector
26 Pre-programmed I/O's	4 Pre-programmed I/O's
PWM-I for smooth and precise control as well as voltage-controlled valves	M12 connector with CAN (J1939 or CANopen serial communication protocol

OPTIONAL

Our available additions are, relay boards, RS485 (Modbus RTU), and (secondary) CAN (J1939 or CANopen.

SUPRATEQ

Our state-of-the-art solution for the waist transmitter range. Around 33 centimeters wide with naturally shaped grips and a curved, ergonomically designed, housing. SupraTEQ offers plenty of space for a vast number of controls to handle the most extensive tasks. It is your preferred choice for controlling complex hydraulic, mobile, and industrial machinery.

- **33 centimeters wide**
- **4.3" screen as option**
- **Optimal adjustability**
- **2.4 GHz**

The SupraTEQ is robust and safe, due to the standard, independently certified SIL3, PLe+Cat3 safety level stop function. It operates on the 2.4 GHz frequency for worldwide use. As a benchmark, it beats the VersaTEQ in functionality with 6 side buttons, more lighting for the handlebar, 4 additional touch buttons, and even the option for a 4.3" color screen.

A lot of applications can be handled by the default, Basic Line version of the SupraTEQ. In case you have any specific requirements, you can also opt for the Custom Line, which offers a wide selection of hardware and software solutions.

BASIC LINE

SUPRATEQ TW77 T24-TS01
2.4 GHz frequency
50.0 x 40.0 mm color display
Backlight of screen
3 x LED
3 x Proportional redundant XY joysticks
5 x Toggle switches
Handlebars with light (4x)
6 x Side buttons
PLe/CAT 3, SIL3 | IP65
Vibration / Drop & tilt / 4 x Touch buttons

CUSTOM LINE

SUPRATEQ TW77 T24-0*	SUPRATEQ TW78 T28-07
2.4 GHz frequency	**2.4 GHz frequency**
50.0 x 40.0 mm color display	95.0 x 53.8 mm color display

Your custom options

- ✓ **SOFTWARE.** Configurable to your exact specifications.
- ✓ **OPERATION.** A free choice of control elements, safety features, etc.
- ✓ **FACEPLATE.** You can personalize the faceplate with your own symbols, texts, logos, background, etc.
- ✓ **RECEIVER.** Options like multiple fieldbus protocols, external antenna, customized wiring, etc.

For SupraTEQ we offer the same range of receivers and functionalities as for the VersaTEQ. For details, please have a look at the page on the left.

ACCESSORIES

A wide range of accessories is available for our waist transmitters and receivers. All of them are made of the highest quality and are intended to increase the level of service comfort, improve efficiency, and increase the operating range.

Within our accessory range, you can find all kinds of external antennas, batteries, chargers, belts, etc. For VersaTEQ and SupraTEQ, the active antenna/repeater is an interesting additional feature to increase the operation range with up to 2 kilometers in terrain (at the maximum of 16 repeaters).