OVERHEAD CRANES & LIFTING

PANTHER PLd

SAFE • SMART • STRONG

YOUR SAFETY
OUR COMMITMENT

The Panther PLd system was specifically designed with lifting and overhead crane applications in mind, it does however meet the need for numerous other products that require a Safety certified control system.

Our featured PN-T19-2 and PN-T29-12 Transmitters are PLd certified, exceeding the for Europe mandatory CAT3 accreditation minimum for high-risk work.

ACCESS CONTROL WITH KEY-SWITCH

Authorize who can use the transmitter and machinery with a key. All functions of the transmitter can be locked, or alternatively, configured so that only selected functions are available without requiring the key.

TRANSMITTERS

	PANTHER T19-2 (OmniPAQ TH63)	PANTHER PN-T29 (SupraPAQ TH73 PLd)
Frequency	2.4 GHz 16 channels	2.4 GHz 16 channels
Number of buttons	8, 2-step buttons	12, 2-step buttons
Load selection	1 / 1+2 / 2	1 / 1+2 / 2
Stop Function	Large red button for emergency stop function (NR-12)	Large red button for emergency stop function
Safety certificate	EN ISO 13.849-1 Cat3 PLd	EN ISO 13.849-1 Cat3 PLd
Battery	3 x AAA batteries non-rechargeable (~100 hours) or 1 x Li-Ion battery (~130 hours)	3 x AAA batteries non-rechargeable (~100 hours) or 1 x Li-Ion battery (~130 hours)
Dimensions	80 x 185 x 44 mm	~ 76 x 210 x 37 mm
Weight	330g (including battery)	400g (including battery)
Temperature	-20 to 55 °C	-20 to 55 °C

TIGER TRANSMITTERS

Reference	TG-T9-11 (DuroPAQ TH55 915)	TG-T11-15 (SupraPAQ TH75 915)
Frecuency	915 MHz	915 MHz
Number of buttons	6	12
Battery	Re-chargeable	Re-chargeable & exchangeable
Protection	IP66	IP65
Weight	295gr	400 gr
Dimensions	~ 76 x 160 x 37 mm	~ 76 x 210 x 37 mm
Certifications	FCC, G Lloyd, IC	G Lloyd, FCC, IC
Temperature	-20 to +55°C	-20 to +55°C

TG-T9 -11
(DuroPAQ TH55 915)

TG-T11-15
(SupraPAQ TH75 915)

TIGER TRANSMITTERS
WITH DISPLAY

Reference	TG-T9-12 (DuroPAQ TH56 915)	TG-T11-14 (SupraPAQ TH75 915)
Frecuency	915 MHz	915MH
Number of buttons	6	10
Battery	Re-chargeable	Re-chargeable & exchangeable
Protection	IP66	IP65
Weight	320 gr	400 gr
Dimentions	~ 76 x 160 x 37 mm	~ 76 x 160 x 37 mm
Certifications	G Lloyd, FCC, IC	IC, FCC, G Lloyd
Temperature	-20 to +55°C	-20 to +55°C

TG-T9-12
(DuroPAQ TH56 915)

TG-T11-14
(SupraPAQ TH75 915)

TIGER TRANSMITTERS
PROPORTIONAL

Reference	TG-T14-8 (UltraPAQ TH86 915)	TG-T15-8 (MagniPAQ TH96 915)
Frecuency	915 MHz	915 MHz
Number of buttons	10	12
Battery	Re-chargeable	Re-chargeable & exchangable
Protection	IP66	IP66
Weight	400 gr	460 gr
Dimensions	~ 79 x 220 x 56 mm	~ 79 x 245 x 56 mm
Certifications	FCC, IC	FCC, IC
Temperature	-20 to +55°C	-20 to +55°C

TG-T14-8
(UltraPAQ TH86 915)

TG-T15-8
(MagniPAQ TH96 915)

STANDARD TEQ LINE

- **Compatible with 90% of applications**
- **Standard control elements**
- **Black standard design**
- **Competitive pricing**

Tele Radio waist band transmitters are available for the most complex control solutions. These transmitters are worn utilizing a neck, shoulder, or hip belt. Unlike our handheld transmitters, our belly box transmitters offer the possibility for a two-handed operation. The large, sturdy handles vouch for a relaxed working position.

Lit-Ion rechargeable and exchangeable batteries (two batteries for SUPRATEQ TW77 and one for VERSATEQ TW57 y PRIMATEQ TW46). Other differences between the four systems are the number of side buttons and the availability of buttons within the display to navigate the menu.

SUPRATEQ TW77 (T24-TS01)

2,4 GHz
2 x Rechargeable & exchangeable batteries
3 x Proportional joysticks
2" display with menu buttons
SIL3, CAT3, PLe

VERSATEQ TW57 (T26-TS02)

2,4 GHz
1 x Rechargeable & exchangeable battery
2 x Proportional joysticks
2" display
CAT3, PLd

VERSATEQ TW57 (T26-TS03)

2,4 GHz
1 x Rechargeable & exchangeable battery
6 x Proportional paddles
2" display
CAT3, PLd

PRIMATEQ TW46 (T12)

433 MHz 69 canales
1 x Rechargeable & exchangeable battery
2 x Proportional Joysticks
2" display
SIL3, PLe

MAIN FEATURES OF OUR TEQ SYSTEMS

Transmitters from the standard line, as well as ones from the custom line have the following features:

Vibration for warning & alarm feedback, Impact type & twist release stop switch on the side, M12 connector for cable control, Colored display to show information from the machine or transmitter, LED's in handle bar for panel illumination.

In addition, with the use of a key, partional access and restrictions can be configured via the transmitter.

CUSTOMIZABLE TEQ LINE

SUPRATEQ TW78 (T28-07)

2,4 GHz	
CAT3, PLe, SIL3	
Highly Customizable	
Duplex communication	
IP65 Protection	

4,3" Display to imrpove feedback and ease of use. Better quality in animations and less blinking

LED Lights both in the handle bars for panel illuminations and in the frontal area acting as a flashlight

Feedback via vibration for warnings and alarms. Adding to the LED feedback via display

2 x Rechargeable and exchangeable batteries to ensure the transmitter doesn't stop working at any moment

THE CHOICE IS YOURS

CONFIGURATION
The system can be configures following exact instructions.

COMPONENTS
You can choose the components: buttons, paddles, joysticks and selectors.

CUSTOMIZABLE
You can customize your transmitter using your logo, icons, colors, font or background image; fully colored or engraved.

CERTIFICATIONS
The system can be built following the PLe/SIL3 standards. Multiple user levels can be configured.

CHOOSE A TRANSMITTER

SUPRATEQ TW77 (T24)	VERSATEQ TW57 (T26)
~ 330 x 147 x 179 mm	~ 241.5 x 136.3 x 124.5 mm
2" display	2" display
2000 g	950 g

SUPRATEQ TW78 (T28)	PRIMATEQ TW46 (T12)
~ 330 x 169 x 179 mm	~ 210 x 140 x 130 mm
4,3" display	1,78" display
2000 g	1200 g

Flexible	Hardware Adjustments	Control Elements	Faceplate	Certification

MAXIMUM SECURITY

Continuous communication link (stay alive pulse) between transmitter and receiver ensures that the equipment will stop automatically and safely in the event communication between the two is lost.

Other safety features are: two-button start requirement, emergency stop, definition of operating range (reduce or increase range to operate at safe distance), PIN code enable, and buttons protected against involuntary activation.

INTERFERENCE FREE

You don't need any special settings. You can use hundreds of Panther transmitters in the same area without worrying about interference.   Achieved by providing 16 channels, each allowing simultaneous operation of up to 12 systems within a single frequency channel at the same time.
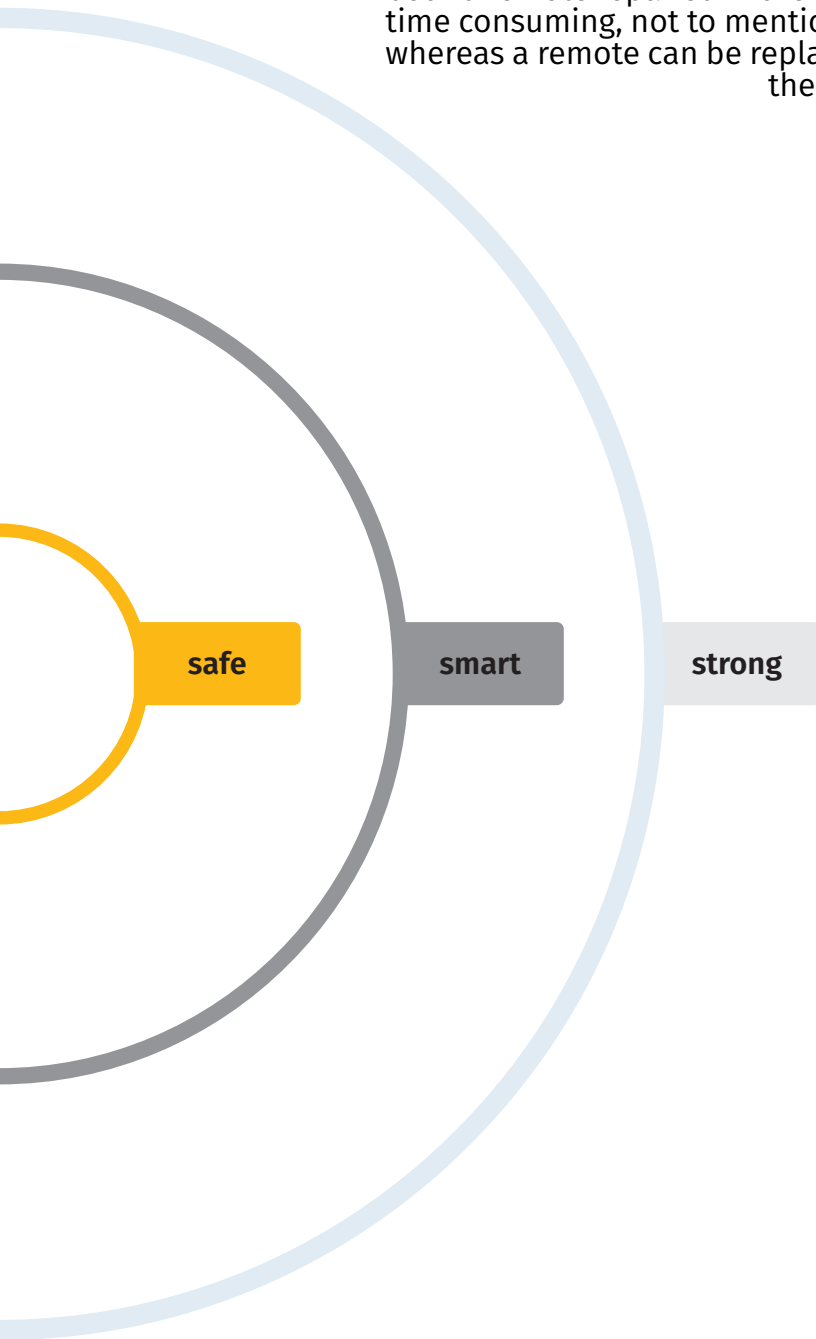
RECEIVERS

	R15-2	R15-14	R23-03
Frequency	2.4 GHz 16 channels	2.4 GHz 16 channels	2.4 GHz 16 channels
Function relays	10	10	15
Stop relays	2 in series	2 in series	2 independent
Digital outputs	0	0	5
Power supply	48-230 VAC	12-24 VAC/VDC	48-230VAC 12-24 VAC/VDC
Safety certificate	EN ISO 13.849-1 Cat3 PLd	EN ISO 13.849-1 Cat3 PLd	EN ISO 13.849-1 Cat3 PLd
Dimensions	120 x 117 x 51 mm	120 x 117 x 51 mm	176 x 160 x 75 mm
Weight	400g	400g	832 g
Conection	1,5 m cable	1,5 m cable	1,5 m cable
IP Level	IP66	IP66	IP66

Wireless remote is a safety and convenience factored system, allowing the control of equipment from a safe distance. One of its obvious benefits is that you don't have to walk back and forth to the machine to operate it. It places the operator exactly where he/she needs to be instead of the constraints of a control panel or wired pendant. A wireless remote/transmitter is also not in the operator's way like a cable bound system would be. The cable is both impeding for the work and a potential safety or tripping hazard in addition to being more susceptible to damage and wear and tear. To have a cable bound remote repaired in the middle of the workday could be both costly and time consuming, not to mention if it happens outside regular business hours, whereas a remote can be replaced within seconds without requiring access to the receiver, or the need for a certified electrician.

safe **smart** **strong**

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