tele radio®
wireless solutions

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

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

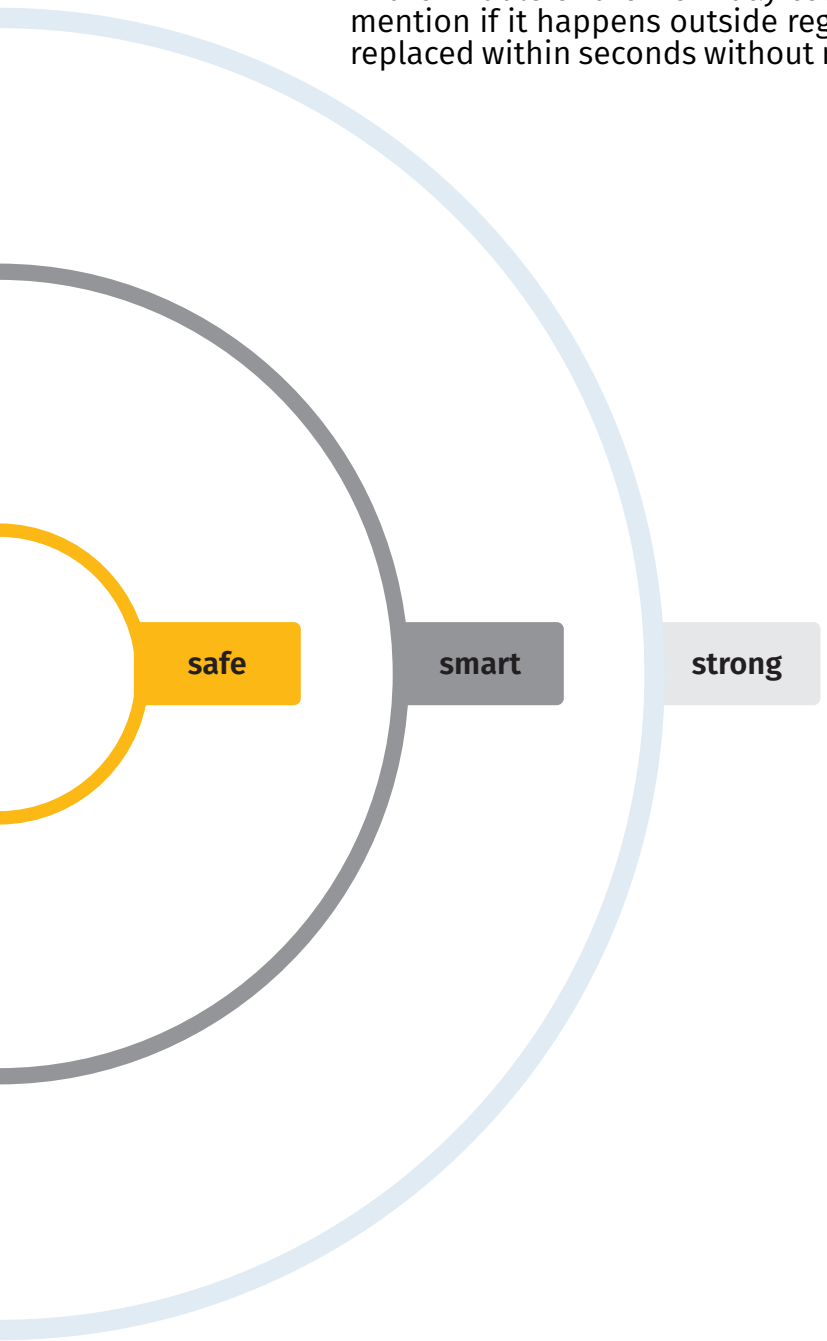
You don't need any special settings. You can use hundreds of Panther transmitters in the same area without worrying about interference. Achieved by providing 16 channels, each allowing simultaneous operation of up to 12 systems within a single frequency channel at the same time.

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

¿Why remote control?

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 work day 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.



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