



# patrol T

The handy multi-talented radio control  
for diverse machinery.



Scale 1:1.5

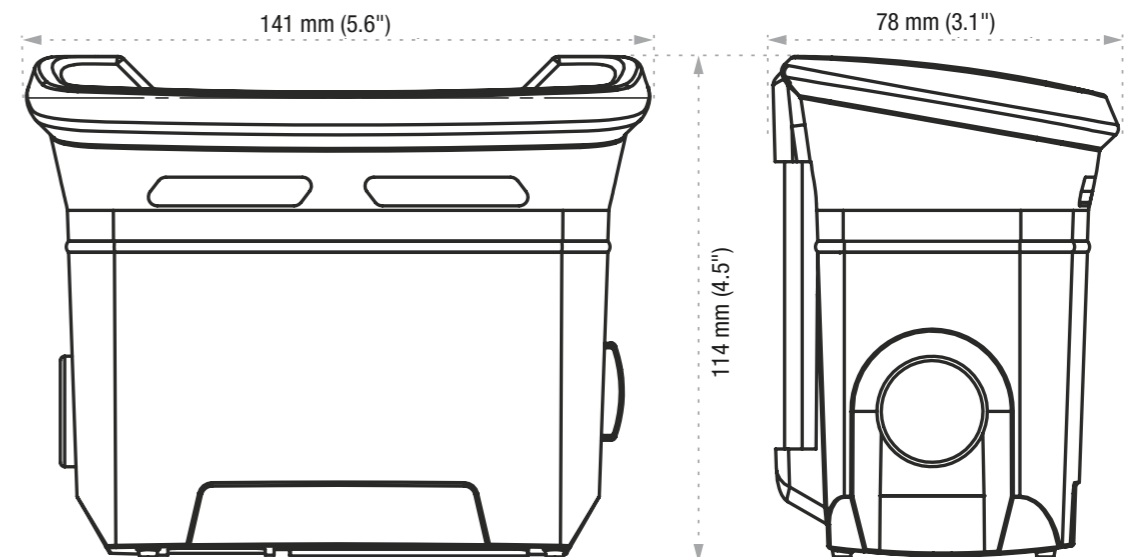
**Quality in Control.**



## patrol T

### Technical data

Radio transmitter	patrol T		
Combined with	FSE 510 / 511, FSE 727 radiobus®		
Control concepts	Point-to-point		
Operating elements	8 positions for push buttons and toggle switches on the front panel; rotary switch <i>optional</i> : potentiometer switch		
Control functions	Up to 21 control functions (on / off); up to 2 analog functions, e. g. for potentiometer switch		
Indication	LED / acoustic signal / transmitter vibration: operating status, battery status		
Safety	E-STOP: PL d category 3 according to EN ISO 13849-1:2015 Protection from unauthorized use: activation via HBC start-up sequence Auto Power Off: automatic deactivation of the transmitter after 15 min without command input		
Enhanced safety functions	<i>optional</i> : radiomatic® shock-off / zero-g / inclination switch		
Feedback to the operator	Information and warnings via 4 LEDs and / or transmitter vibration		
Service concept	radiomatic® iLOG, radiomatic® ADCON		
Frequency ranges	ISM bands	Channel spacing	Radiated power
	country-specific use: 405 – 475 MHz 902 – 928 MHz	12.5 / 25 kHz 25 kHz	max. 10 mW
	country-independent use: 2.4 GHz: 2402 – 2480 MHz	1 MHz	max. 100 mW
	country-specific use: DECT: 1790 – 1930 MHz	1.728 MHz	max. 250 mW
Frequency management	Manual frequency switch, radiomatic® AFS, Adaptive Frequency Hopping, DECT		
Antenna	Internal		
Battery technology	Rechargeable NiMH exchange battery; continuous operating time: typically 12 hours		
Charging time	≤ 4 h (typ.)		
Housing material	Plastic (PCABS)		
Dimensions / weight	141 mm x 114 mm x 78 mm (5.6" x 4.5" x 3.1") / 630 g (1.4 lb.)		
Operating temperature	-25 °C ... +70 °C		
Protection class	IP 65		



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# patrol T

The compact patrol T radio transmitter is the perfect choice for the control of the most diverse machinery. By numerous valuable features and functions, this multi-talented device ensure safe and convenient work.



Convenient carrying at the belt  
(illustration exemplary).

## Valuable features at a glance:



Illustration exemplary

### Powerful rechargeable exchange battery

#### A compact high-endurance power pack

The transmitter is equipped with a powerful rechargeable exchange battery. In a typical application scenario, this allows you to work for 12 hours or even longer without having to change the battery.



Illustration exemplary

### Feedback

#### Valuable information at hand

By LED or transmitter vibration, warning or error messages and other important information are being indicated to the operator.



Illustration exemplary

### radiomatic® iLOG

#### Service without downtime

If the transmitter is damaged (e.g. if it is run over), the electronic key allows for quick activation of a spare transmitter. Virtually no time is lost since you can immediately continue with your work.



### radiomatic® shock-off / zero-g / inclination switch

#### Intelligent protection in emergency situations

These smart functions can activate predefined safety functions on the machine in dangerous working situations.



Linear levers for  
analog functions.

Elevated housing for protection  
against unintended linear lever  
activation.

High-quality operating elements  
from HBC in-house production.

LED for indication of  
operating / battery status.

Scale 1:1



E-STOP.



Rotary switch.



Carrying at chest holder.