

# Itowa

Radio Remote Control Systems

35  
1986 / 2021  
Years

## RUNNER G7

Remote control for cranes and machinery



### COMPACT DESIGN FOR GREATER COMFORT

The RUNNER G7 range has been specifically designed to satisfy the wireless remote control needs in the industrial sector. Thanks to the small size of the transmitter with 9 double-acting pushbuttons, we achieve the control of basic functions in a comfortable and precise way.

This remote control has been conceived to provide easy operation and maximum control without compromising safety and reliability.

With a light but robust design we have achieved a compact and high quality radio control.



# RUNNER G7

## Remote control for cranes and machinery

The RUNNER G7 series is available in two models, RUNNER G7 9 and RUNNER G7 11, depending on the number of pushbuttons. Both include 4 high luminosity LEDs to indicate the status of the transmitter.

The radio channel can be changed manually or automatically, and thanks to the implementation of the latest generation components, battery consumption has been significantly reduced, ensuring a long operational autonomy.

The pairing of a spare transmitter is done by exchanging an external plug-in Eprom.



## TECHNICAL FEATURES Runner G7 9-11

Order response time	<50 ms
Active safety time	<50 ms
Passive safety time	500 ms
Range of action	100 m

### TRANSMITTER RUNNER G7

Frequency bands	433-434 MHz 868-870MHz.
Emission power	10mW P.R.A.
Power supply	Removable Ni-MH battery 3.6V
Autonomy	25 hours
Temperature range	-20°C to +70°C
Approximate weight	With battery and shoulder strap 325 g
Dimensions	170 x 70 x 55 mm
Protection	IP 65
Actuators	8-10 double pushbuttons, Start/Auxiliary pushbutton and Emergency Stop button

### BATTERY CHARGER

Power supply charger	100-240 Vac (Max. 3 VA)
Charging time	2 hours approx.
Protection	IP30
Dimensions	75 x 95 x 50 mm

### RECEIVER IT3G7R13/16/20

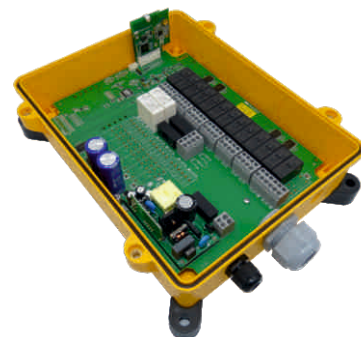
No. of orders	13 (12+Start) + 2 Stop 16 (15+Start) + 2 Stop 20 (19+Start) + 2 Stop
Relays	Resistive load: 8A at 250Vac or 30Vdc
Power supply	48-230 VAC (-20% +15%) 24V AC/DC (-20% + 15%)
Dimensions	285x220x100 mm
Security Level	Category 4 - SIL3/PLe
Degree of protection	IP65

The RUNNER G7 transmitters are associated with the new IT3G7R13, IT3G7R16 and IT3G7R20 receivers.

These receivers incorporates a switch-mode power supply that supports any supply voltage between 48 and 230 VAC. The unit withstands any variation of the mains voltage within the indicated ranges.

Relay connections are made through terminal blocks with independent common terminals.

All relays are double contact, which provides greater safety in the event of contact failure and extends their useful life.



Diseño y especificaciones sujetas a modificaciones sin previo aviso. 10/2021



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