

# Radio Remote control for cranes

IT 402



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TRANSMITTER

RECEIVER

The Receiver of the system contains 18 potential free contact relays (16 + Start + Alarm) which can be configured as per the requirement. The Receiver also contains a feedback module which continuously monitors the internal circuitry and enables the user to check the Receiver status via LED on the Receiver.

Operated with 2 AA size batteries and modular design of the system makes it easy to maintain.

## Technical Description

Number of Commands	Up to 16+ Start/Horn + Stop
Hamming Distance	>=6
Responding Time	<24 ms
Active Emergency Responding time	<24 ms
Operating Range Distance	100m

### Transmitter

Operating Range Frequency	UHF (310.00 to 336.00 MHz) UHF (433.05 to 434.775 Mhz)
Channel Spacing	25 KHz
Modulation	FM
RF Power Output	10mW
Coding Key	FFSK
Transmitting Power Consumption	<15mA
Standby Power Consumption	<1mA
Battery Capacity and type	2 AA Size Alkaline Batteries
Operating Temperature	-20 Degree Celsius to +70 Degree Celsius
Transmitter Approx Weight	275 grams (Without Battery)
Dimensions	163mm (L) x 49mm (W) x 45mm (H)
Protection Rating	Ip65

### Receiver

RF Sensitivity	0.6mV
Number of Commands	16 + Start/Alarm +Stop
Relays	Resistive Load: 5A
Power Requirements	48VAC/110VAC/220VAC
Display	By means of LEDs
Maximum Consumption	100VA
Dimensions	167mm(L) x 154mm(W) x 88mm(H)
Weight	Approx 1.4 Kg
Protection Rating	IP 65



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