# Crane Control Equipments

# Model 301

Remote control for cranes



Ideal for EOT cranes, tower cranes and other industrial machinery, the range of radio remote control is designed to enable wide variety of industrial applications. It enables the operator to work in extreme conditions with ease and hence provides greater safety.

The rugged design of transmitter allows the possibility to incorporate 6 single depression push buttons as per requirement. Transmitter status can be monitored via LED available on transmitter. Durable material used provides resistance to harsh industrial environment.



### Model 301

#### Remote control for cranes

The Receiver of the system contains 9 potential free contact relays (7 + 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. The system also contains a GUI Interface wherein the user can configure relay settings as per application.



### **TECHNICAL DESCRIPTION**

Number of Commands Up to 7+ 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)

UHF (865.00 to 867.00 MHz)

Channel Spacing
Modulation
RF Power Output
Coding Key
Transmitting Power Consumption

Standby Power Consumption

Consumpti

Standby Power Consumption
Battery Capacity and type
Operating Temperature
Transmitter Approx Weight

| AA Size Alkaline Battery each of 1.6V |

2 AA Size Alkaline Battery each of 1.6V |

20 Degree Celsius to +70 Degree Celsius |

310 grams (Without Battery)

Dimensions 210mm (H) x 45mm (W) x 70mm (B)

Protection Rating

RECEIVER 0.6mV

RF Sensitivity 7 + Start/Alarm +Stop
Number of Commands Resistive Load: 5A at 230 VAC or 30 VDC

Relays 48VAC/110VAC/230VAC

Power Requirements By means of LEDs

Display 100VA

Maximum Consumption 230mm(H) x 125mm(B) x 65mm(W)

Dimensions Approx 1.1 Kg

Weight IP 65

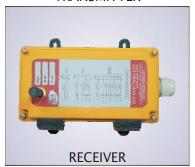
Protection Rating

BATTERY CHARGER 220VAC

Charger power supply 8 hours Battery Charging time IP30

Protection Rating

#### **TRANSMITTER**



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