



Anand Systems
Engineering



Joystick
Radio Remote
Controls



Anand Forest Series

Custom Radio Remote Controls for Industrial Cranes

www.anandcontrol.in | info@anandcontrol.in | 9321755328



Technical Specifications

TRANSMISSION FREQUENCY

Frequency Band	2.4Ghz (I S M Band)
Spread Spectrum Technology	Direct Sequence Spread Spectrum
Number of Channels	16 Automatic Frequency Hopping
Channel Bandwidth	2 Mhz
Channel Spacing	5 Mhz
Co-Existence with Multi Radios	>100 Radios
Transmit Power	Default:Auto Power (configurable):-27dBm to +4dBm
Line of Sight Range	200 Meters
Communication Type	Half Duplex Closed Loop
Reception Sensitivity	-103 dBm



MECHANICAL SPECIFICATIONS

JoystickSpeed	Upto 5 Steps
Push Button	Single Step Dual Step
Electrical Life	20,000 Cycles
Actuation Force	490 Grams 1st Step:600 Grams
Button Type	Tactile
Radio Antenna	Internal
Operating Temperature	0 to 60* C
Led Indication	Led 1:Power Led 2:Battery Low Led 3:Emergency Led 4:Receiver Acknowledgment

TRANSMITTER SPECIFICATIONS

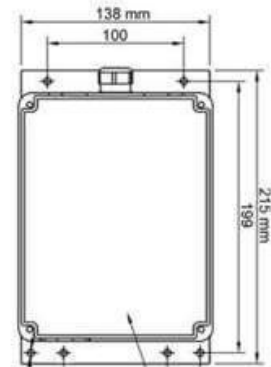
Operating Temperature	0 to 60* C
Battery Life	4-6 Months, 2 AA Batteries
Low Power Indication	20% Battery Life remaining
Removable Config Card	Yes.No Need of Copier device.
Emergency Stop	Magnetic

RECEIVER SPECIFICATIONS

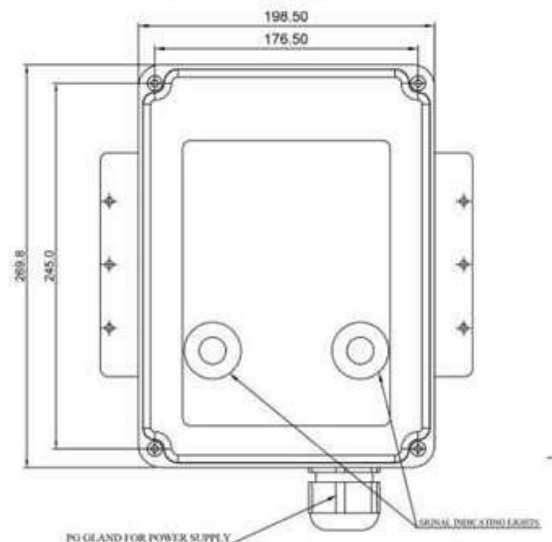
Number of Relays	2 to 64 Relays
Relay Rating	250Vac 10Amperes/30Vdc
Signal & Power Indication	Yes
Power Supply	110Vac/230Vac/ 12VDC – 40 VDC
Tandem Operation	Yes(Configurable)

RECEIVER DIMENSIONS

SMALL RECEIVER



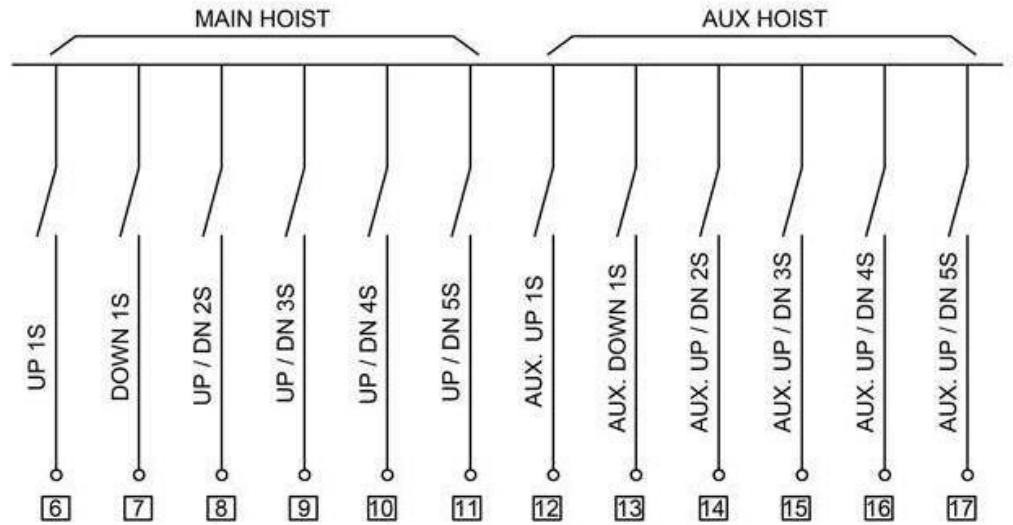
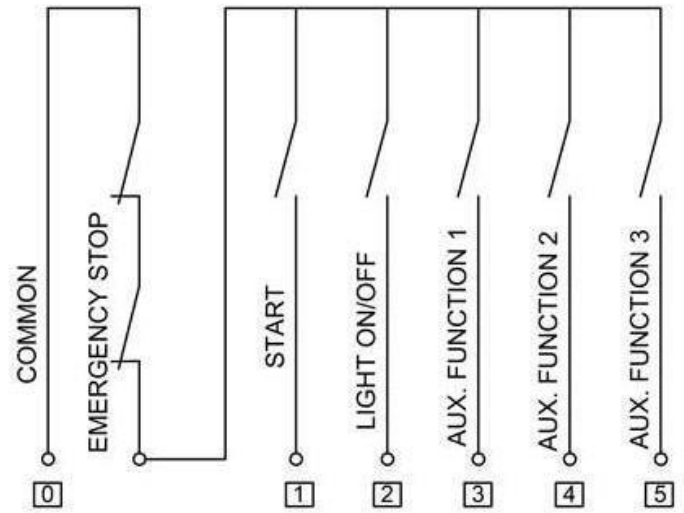
BIG RECEIVER



Wiring Diagram For Relay Based Receiver



Anand Big Receiver
upto 64 Relays



Anand Small Receiver
upto 18 Relays

