



**SPEED-O-CONTROLS
PVT. LTD.**



RADIO REMOTE CONTROLS

SPARK & SUPREME



DISCOVER OUR RANGE OF RADIO REMOTE CONTROLS SYSTEMS

INDEX

SPARK - A



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SPARK - R



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SUPREME



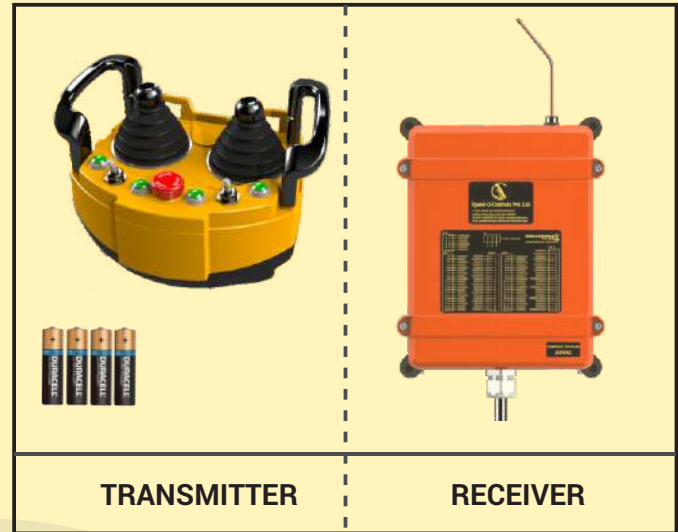
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Salient Features :-

- ♦ **Pairing**
Any transmitter & receiver can be paired on-site (for easy spare management)
- ♦ **Adjustable Range**
Operating Range Adjustment (from 10m to 100m)
- ♦ **Adjustable Start Range**
Only START functionality can be range adjustable
- ♦ **Password**
Transmitter password protection
- ♦ **Frequency Change**
Operating channel can be changed on site
- ♦ **Idle Time**
Configurable Idle Time out in Transmitter
- ♦ **Protection Rating**
IP-65 (IS/IEC 60529:2001)

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Additional Features :-

Emergency Stop	2NC Contact
Indication	LED indication for Battery Low, Transmission and Error status
Address Code	Unique Address Code to avoid interference
Antenna	Internal Antenna in transmitter & receiver
Relay Assignment	Configurable relay assignment

Technical Specification :-

Number of Commands	13/ 21/ 25 / 30 + Start - Stop - Horn
Response Time	<50ms
Active Emergency	<50ms
Passive Emergency	1900 ms
Operating Range	100 meters

Transmitter :-

Operating Frequency	433-434 Mhz
Channel Spacing	25 Khz
Modulation	FM / FFSK
RF Power Output	10m W
Power Consumption	<60 mA < 800μA
Standby Power Consumption	1 mA
Battery Capacity and Type	4 nos, AA size Alkaline, 3.0V
Operating Temperature	-20°C to +70°C
Operating Working Time	45 Hrs
Weight	960 gms
Dimensions (mm)	160(H) X 200(W) X 175(W)
Operating Commands	2 Double-Axis Joystick 4 to 6 steps
Protection Rating	IP 65 IS/IEC 600529:2001 (NABL lab tested)

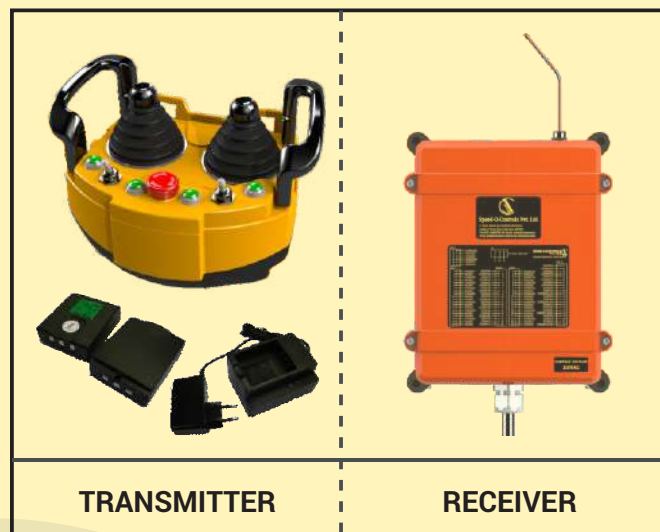
Receiver :-

Operating Frequency	433-434 MHz
Channel Spacing	25 KHz
Modulation / Coding Key	FM / FFSK
RF Sensitivity	-117dBm at 0.6k Baud
Power Requirements	48 ~ 230 V AC
Relays	Resistive load: 5A at 250VAC
Number of Relays	Upto 40 Relays
Fastening	By means of Nuts & Bolts
Operating Temperature	-20°C to +70°C
Dimensions (mm)	282 (H) x 220 (B) x 110 (W)
Weight	1.2 Kg.
Protection Rating	IP 65 (NABL lab tested)

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TRANSMITTER

RECEIVER

Technical Specification :-

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Response Time	<50ms
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Passive Emergency	1900 ms
Operating Range	100 meters

Battery Charger details :-

Power Requirements	230/110 VAC
Temperature Charging Range	0°C to + 40°C/-32°F to 104°F
Battery Charging Time	7 - 8 Hrs
Dimensions	90 x 110 x 65 mm
Weight	200g / 0.44lbs

Transmitter :-

Operating Frequency	433-434 Mhz
Channel Spacing	25 Khz
Modulation	FM / FFSK
RF Power Output	10m W
Power Consumption	<60 mA < 800μA
Standby Power Consumption	1 mA
Battery Capacity and Type	3.6v, 1800mAH, NiMH battery
Operating Temperature	-20°C to +70°C
Operating Working Time	45 Hrs
Weight	960 gms
Dimensions (mm)	160(H) X 200(W) X 175(W)
Operating Commands	2 Double-Axis Joystick 4 to 6 steps
Protection Rating	IP 65 IS/IEC 600529:2001 (NABL lab tested)

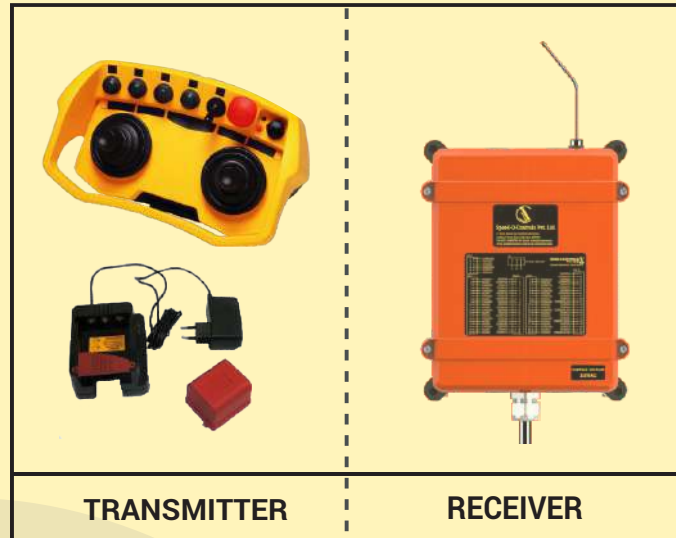
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Operating Range	200g / 0.44lbs

Transmitter :-

Operating Frequency	433-434 MHz
Channel Spacing	25 KHz
Modulation / Coding Key	FM / FFSK
Battery capacity & Type	7.2v, 2300mAh NiMH battery
Transmitting /Standby Power Consumption	<60 mA <800μ A
Operating Commands	2 Double-Axis Joysticks; 4 to 6 steps
Operating Working Time	45 Hrs
RF Power Output	10m W.A.R.P
Operating Temperature	-20°C to +70°C
Dimensions (mm)	218 (L) x 133 (W) x 147(D)
Weight	1.8Kg / 3.9 lbs

Receiver :-

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SPEED-O-CONTROLS PVT. LTD.

CRANE CONTROL SOLUTIONS

CRANE CONTROL GEAR



POWER DISTRIBUTION



RADIO REMOTE CONTROLS



JOYSTICK CONTROLLER



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OTHER ELECTRONICS



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