



SPEED-O-CONTROLS
PVT. LTD.

RADIO REMOTE CONTROLS

SKY



DISCOVER OUR RANGE OF RADIO REMOTE CONTROLS SYSTEMS

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SKY-301



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SKY-502



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

ADDITIONAL FEATURES

EMERGENCY STOP	2 NC contacts for EMS (EN-954-1 Safety Standard)
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 available

TRANSMITTER	RECEIVER
	

SKY 301 → 6 Pushbutton Single speed

TECHNICAL SPECIFICATION

NUMBER OF COMMANDS IN TRANSMITTER UNIT	6 + Start/Stop + Alarm
CRC	32 Bit
RESPONSE TIME	<50 ms
ACTIVE EMERGENCY RESPONSE TIME	<50 ms
PASSIVE EMERGENCY RESPONSE TIME	1900 ms

TRANSMITTER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
MODULATION	FM (4GFSK/2GFSK)
RF POWER OUTPUT	10 mW
POWER CONSUMPTION	18 mA (Unidirectional)
STANDBY POWER CONSUMPTION	1 mA
BATTERY CAPACITY AND TYPE	2 nos, AA size Alkaline, 3.0V
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	275 gms (without battery)
DIMENSIONS (MM)	173 (H) X 50 (W) X 59 (B)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	6 + 2 (Start/Alarm)
RELAYS	Resistive load: 5A at 250VAC
POWER REQUIREMENTS	110 VAC / 230 VAC
FASTENING	By means of Nuts & Bolts
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	Approx 0.8 Kg
DIMENSIONS (MM)	165 (H) x 150 (B) x 72 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65

SALIENT FEATURES

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Any transmitter & receiver can be paired on-site (for easy spare management)

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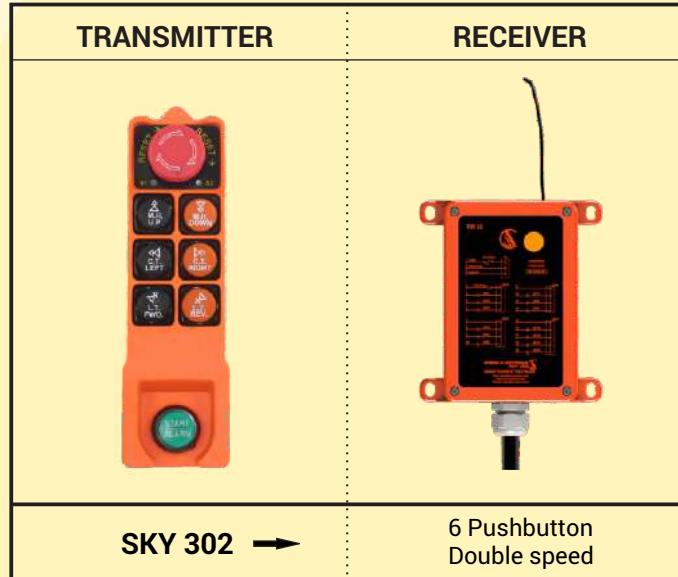
Operating channel can be changed on site

◆ Idle Time

Configurable Idle Time out in Transmitter

ADDITIONAL FEATURES

EMERGENCY STOP	2 NC contacts for EMS (EN-954-1 Safety Standard)
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 available



TECHNICAL SPECIFICATION

NUMBER OF COMMANDS IN TRANSMITTER UNIT	12 + Start/Stop + Alarm
CRC	32 Bit
RESPONSE TIME	<50 ms
ACTIVE EMERGENCY RESPONSE TIME	<50 ms
PASSIVE EMERGENCY RESPONSE TIME	1900 ms

TRANSMITTER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
MODULATION	FM (4GFSK/2GFSK)
RF POWER OUTPUT	10 mW
POWER CONSUMPTION	18 mA (Unidirectional)
STANDBY POWER CONSUMPTION	1 mA
BATTERY CAPACITY AND TYPE	2 nos, AA size Alkaline, 3.0V
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	275 gms (without battery)
DIMENSIONS (MM)	173 (H) X 50 (W) X 59 (B)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	9 + 2 (Start/Alarm)
RELAYS	Resistive load: 5A at 250VAC
POWER REQUIREMENTS	110 VAC / 230 VAC
FASTENING	By means of Nuts & Bolts
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	Approx 0.8 Kg
DIMENSIONS (MM)	165 (H) x 150 (B) x 72 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65

SALIENT FEATURES

◆ Pairing

Any transmitter & receiver can be paired on-site (for easy spare management)

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Transmitter password protection

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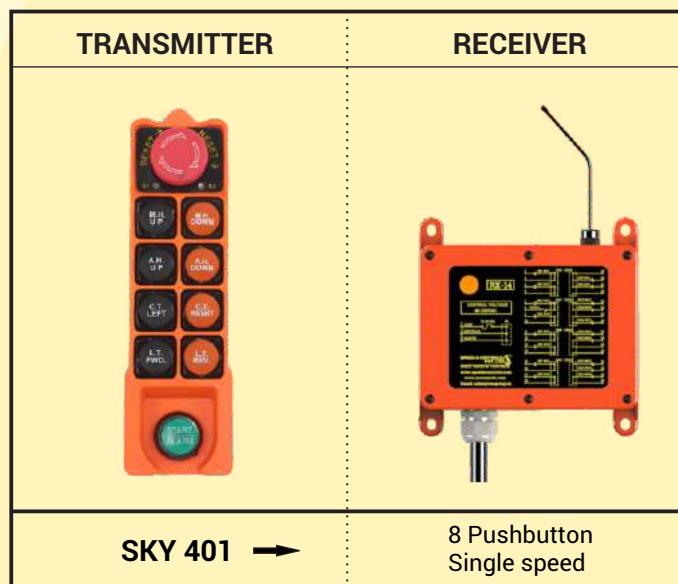
Configurable Idle Time out in Transmitter

ADDITIONAL FEATURES

EMERGENCY STOP	2 NC contacts for EMS (EN-954-1 Safety Standard)
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 available

TRANSMITTER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
MODULATION	FM (4GFSK/2GFSK)
RF POWER OUTPUT	10 mW
POWER CONSUMPTION	18 mA (Unidirectional)
STANDBY POWER CONSUMPTION	1 mA
BATTERY CAPACITY AND TYPE	2 nos, AA size Alkaline, 3.0V
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	275 gms (without battery)
DIMENSIONS (MM)	173 (H) X 50 (W) X 59 (B)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001



TECHNICAL SPECIFICATION

NUMBER OF COMMANDS IN TRANSMITTER UNIT	8 + Start/Stop + Alarm
CRC	32 Bit
RESPONSE TIME	<50 ms
ACTIVE EMERGENCY RESPONSE TIME	<50 ms
PASSIVE EMERGENCY RESPONSE TIME	1900 ms

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	8 + 2 (Start/Alarm)
RELAYS	Resistive load: 5A at 250VAC
POWER REQUIREMENTS	110 VAC / 230 VAC
FASTENING	By means of Nuts & Bolts
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	Approx 0.8 Kg
DIMENSIONS (MM)	186 (H) x 186 (B) x 83 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 (NABL lab tested)

SALIENT FEATURES

◆ Pairing

Any transmitter & receiver can be paired on-site (for easy spare management)

◆ Adjustable Range

Operating Range Adjustment (from 10m to 100m)

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Only START functionality can be range adjustable

◆ Password

Transmitter password protection

◆ Frequency Change

Operating channel can be changed on site

◆ Idle Time

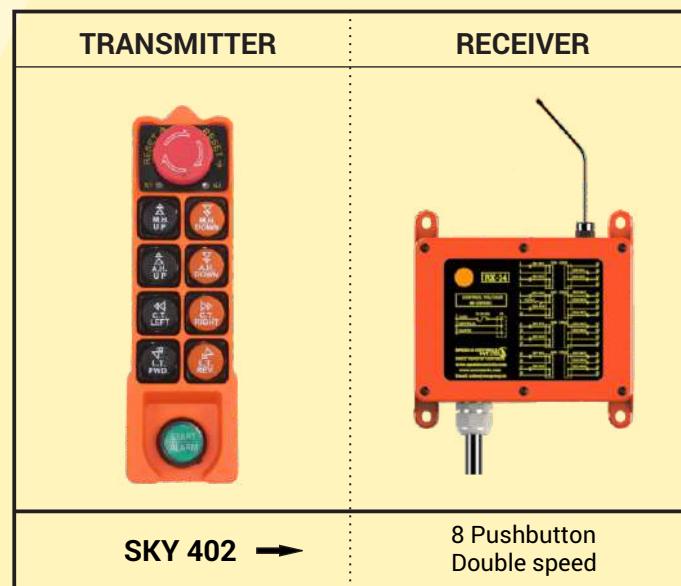
Configurable Idle Time out in Transmitter

ADDITIONAL FEATURES

EMERGENCY STOP	2 NC contacts for EMS (EN-954-1 Safety Standard)
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 available

TRANSMITTER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
MODULATION	FM (4GFSK/2GFSK)
RF POWER OUTPUT	10 mW
POWER CONSUMPTION	18 mA (Unidirectional)
STANDBY POWER CONSUMPTION	1 mA
BATTERY CAPACITY AND TYPE	2 nos, AA size Alkaline, 3.0V
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	275 gms (without battery)
DIMENSIONS (MM)	173 (H) X 50 (W) X 59 (B)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001



TECHNICAL SPECIFICATION

NUMBER OF COMMANDS IN TRANSMITTER UNIT	16 + Start/Stop + Alarm
CRC	32 Bit
RESPONSE TIME	<50 ms
ACTIVE EMERGENCY RESPONSE TIME	<50 ms
PASSIVE EMERGENCY RESPONSE TIME	1900 ms

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	12 + 2 (Start/Alarm)
RELAYS	Resistive load: 5A at 250VAC
POWER REQUIREMENTS	110 VAC / 230 VAC
FASTENING	By means of Nuts & Bolts
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	Approx 0.8 Kg
DIMENSIONS (MM)	186 (H) x 186 (B) x 83 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 (NABL lab tested)

SALIENT FEATURES

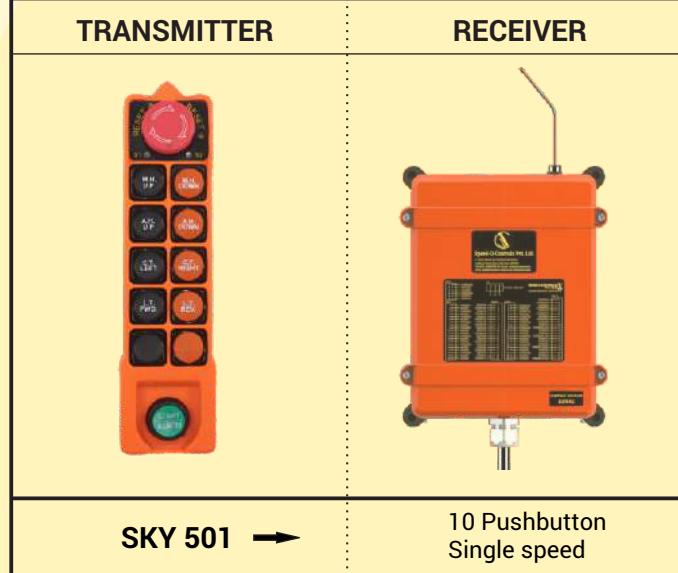
- ◆ **Pairing**
Any transmitter & receiver can be paired on-site (for easy spare management)
- ◆ **Adjustable Range**
Operating Range Adjustment (from 10m to 100m)
- ◆ **Adjustable Start Range**
Only START functionality can be range adjustable
- ◆ **Password**
Transmitter password protection
- ◆ **Frequency Change**
Operating channel can be changed on site
- ◆ **Idle Time**
Configurable Idle Time out in Transmitter

ADDITIONAL FEATURES

EMERGENCY STOP	2 NC contacts for EMS (EN-954-1 Safety Standard)
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 available

TRANSMITTER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
MODULATION	FM (4GFSK/2GFSK)
RF POWER OUTPUT	10 mW
POWER CONSUMPTION	18 mA (Unidirectional)
STANDBY POWER CONSUMPTION	1 mA
BATTERY CAPACITY AND TYPE	2 nos, AA size Alkaline, 3.0V
OPERATING TEMPERATURE	-20°C to + 70°C
WEIGHT	300 gms (without battery)
DIMENSIONS (MM)	194 (H) X 50 (W) X 59 (B)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001



TECHNICAL SPECIFICATION

NUMBER OF COMMANDS IN TRANSMITTER UNIT	10 + Start/Stop + Alarm
CRC	32 Bit
RESPONSE TIME	<50 ms
ACTIVE EMERGENCY RESPONSE TIME	<50 ms
PASSIVE EMERGENCY RESPONSE TIME	1900 ms

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	10 + 2 (Start/Alarm)
RELAYS	Resistive load: 5A at 250VAC
POWER REQUIREMENTS	110 VAC / 230 VAC
FASTENING	By means of Nuts & Bolts
OPERATING TEMPERATURE	-20°C to + 70°C
WEIGHT	Approx 1.40 Kg
DIMENSIONS (MM)	284 (H) x 220 (B) x 110 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 (NABL lab tested)

SALIENT FEATURES

◆ Pairing

Any transmitter & receiver can be paired on-site (for easy spare management)

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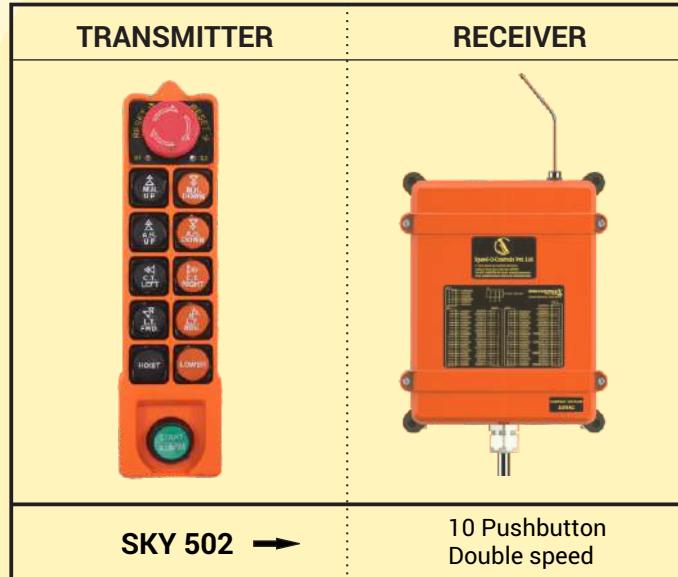
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ADDRESS CODE	Unique Address Code to avoid interference
ANTENNA	Internal Antenna in transmitter & receiver
RELAY ASSIGNMENT	Configurable Relay assignment available



TECHNICAL SPECIFICATION

NUMBER OF COMMANDS IN TRANSMITTER UNIT	20 + Start/Stop + Alarm
CRC	32 Bit
RESPONSE TIME	<50 ms
ACTIVE EMERGENCY RESPONSE TIME	<50 ms
PASSIVE EMERGENCY RESPONSE TIME	1900 ms

TRANSMITTER

OPERATING FREQUENCY	433-434 MHz
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DIMENSIONS (MM)	194 (H) X 50 (W) X 59 (B)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	15 + 2 (Start/Alarm)
RELAYS	Resistive load: 5A at 250VAC
POWER REQUIREMENTS	110 VAC / 230 VAC
FASTENING	By means of Nuts & Bolts
OPERATING TEMPERATURE	-20°C to + 70°C
WEIGHT	Approx 1.40 Kg
DIMENSIONS (MM)	284 (H) x 220 (B) x 110 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 (NABL lab tested)

CRANE CONTROL GEAR



POWER DISTRIBUTION



RADIO REMOTE CONTROLS



JOYSTICK CONTROLLER



FLAMEPROOF PRODUCTS



OTHER ELECTRONICS



“Our Customer do not buy products. They buy the benefits that our products provides.”

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www.socjoystick.com

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