

SAGA I-L Series

Industrial Radio Remote Control

1. Durable, robust IP65 industrial casing.
2. New light weight (250g) user friendly design.
3. Advanced RF circuitry design with over 4.1 billion ID codes.
4. Extremely low Power Consumption-up to 3 months usage with 2 AA alkaline batteries.
5. Error-free Hamming code technology.
6. Working temperature range from -45 to +80Deg C.
7. Long operating distance up to 100M.
8. Purposely designed for the control of high vibration heavy duty mobile and industrial equipment.
9. Pre-wired receiver for quick and easy installation.
10. Remote ID Setting technology allowing for instant maintenance at site.
11. Multi-optional receiver input power. 24/48, 48/110, 48/220, 110/220, 220/380VAC & 12/24VDC.



L6B



L8B



L4



L6



L8

▲ L4 : 4pushbuttons with 1-step (Start,Stop,Up,Down)

▲ L6 : 6pushbuttons with 1-step (Start,Stop,Up,Down,East,West)

▲ L8 : 8pushbuttons with 1-step (Start,Stop,Up,Down,East,West,South,North)

▲ L6B : 4pushbuttons with 2-steps (Up,Down,East,West)+EMS+Start Key

▲ L8B : 6pushbuttons with 1-step (Up,Down,East, West,South,North)+EMS+Start Key

SAGA1-L Series



GENERAL SPECIFICATIONS:

1. Enclosure: IP65
2. Structure: Glass Fiber
3. Operating Temperature: -45 to +80°C
4. Relay: 10A/250VAC (AC Power); 10A/36VDC (DC POWER)
5. ID Code: 32bit
6. Hamming distance ≥ 4
7. Static > 15KV
8. Remote ID Code Setting
9. Operating range: up to 100M
10. Function programmable

TRANSMITTER

1. L x W x H: 163 x 49 x 45mm (L6B, L8B), 120 x 55 x 25mm (L4, L6, L8)
2. Weight: 250g (w/batteries)
3. 2 AA size alkaline batteries
4. Low power indicator (LED flash red)
5. Pushbutton jammed detector
6. Shock resistance
7. output power $\leq 4mW$
8. Normal power consumption: about 10mA
9. Sleep mode consumption: less 1 μA
10. Modulation: FM

RECEIVER

1. L x W x H: 161 x 74 x 52mm
2. Weight: 1100g (w/out cable)
3. AC type: 24/48, 48/110, 48/220, 110/220, 220/380VAC
DC type: 12V ~ 24VDC
4. Sensitivity: about -105dBm
5. Shock resistance

Optional accessories:

Opt:06



CD ROM + Cable

Opt:07



Copier

Opt:08



Protective cover (L4, 6, 8)

Opt:09

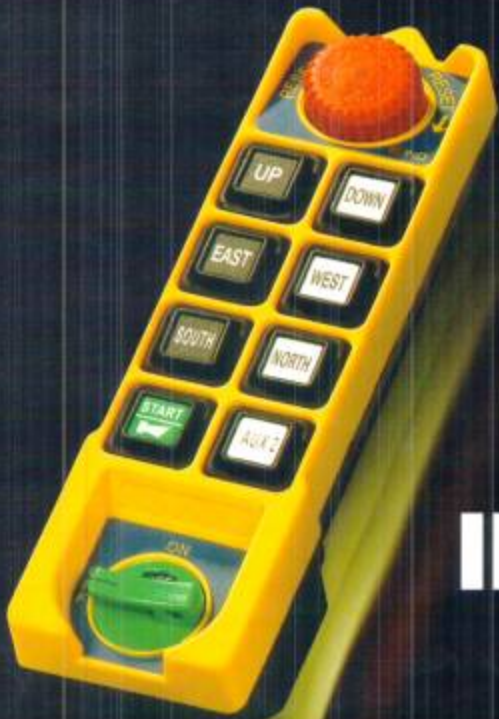


Protective cover (L6B, L8B, L10)

SAGA1 Other Family Series:



SAGA1-K1/K2 Transmitter SAGA1-K1/2 Receiver SAGA1-K3/K4 Transmitter SAGA1-K3/K4 Receiver



SAGA1-K SERIES
INDUSTRIAL RADIO REMOTE CONTROL

**SAFETY &
INNOVATION**



SAGA1-K1|K2|K3|K4

SAGA Industrial Radio Remote Control



SAGA 1-K3/4



12 Pushbuttons with one(two) step(s)+A/B Toggle Switch+Rotary Key+Alarm(horn)

SAGA 1-K 1/2

8 Pushbuttons with one(two) step(s)+Rotary Key+Alarm(horn)

FEATURES

- EMS Stop complied with EN-ISO 13849-1 Cat. 4
- Relay Jammed Detector
- Receiver built-in horn(alarm)
- Receiver pre-wiring cable ready for installation.
- Receiver F Type antenna easy for extension.

GENERAL SPECIFICATION

Frequency Channel	70 Channels
ID Code	Over 1 Million Sets
Channel Space	25 KHz
Hamming Distance	≥4
Structure	Enhanced Glass-Fiber
Operating Environment	-40°C ~ +85°C
Operating Distance	Up to 100 M

TRANSMITTER

Power	AA Size Battery x 4	
Emission Power	< 10mW	
Dimension	167x154x88mm (SAGA1-K1/K2)	274x77x42mm (SAGA1-K3/K4)
Weight	210g (SAGA1-K1/K2)	385g (SAGA1-K3/K4)

RECEIVER

Power	24/48/110/220/380VAC (± 20%)	
Dimension	167x154x88mm (SAGA1-K1/K2)	310x160x95mm (SAGA1-K3/K4)
Weight	2100g (SAGA1-K1/K2)	2900g (SAGA1-K3/K4)

NEW FEATURES:

Remote Pairing

Transmitter could download receiver system data through radio. You could easily duplicate (copy) a new transmitter with existing receiver by using this new feature while transmitter unit lost or damaged.

Adjustable Emission Power

By using software, SAGA1-K series allows you to increase or decrease emission power to fit different application and industry field.

PC Software Program

Change functions through PC software i.e. pushbutton functions, system setting.

• Software



OPTIONAL ACCESSORIES



• CD Software & USB Cable



• Passive Antenna



• SAGA1-K Copier



• SAGA1-K Protective Cover



• 12-24V DC /DC Converter