

12 Channels Radio Remote Control: more versatility for advanced applications

- Simplicity and practicality for 12 different working command
- Each dual-speed button activates 2 relays
- Extremely long battery life: it operates on just 2 AA batteries
- Designed for mobile and industrial application
- Programmable special functions



Special functions settable by software:

- Interlock between each couple of buttons
- One-button toggle switch function
- Two-button toggle switch function
- Start at any pushbuttons
- Continuous or not continuous transmission mode
- Auto power off
- Energy saving mode
- Control of DUAL MOTORS systems
- Up to 4 speeds commanded by a single button

General Features

- **Frequency** FM 433.0825/434.6875 Mhz
- **Radio module:** 1-channel quartz oscillator
- **Operating temperature** -45°C + 80°C
- **Operating distance** up to 100m
- **Hamming distance** >4
- **ID codes** over 4,1 billions (32 bit)
- **Enclosures** nylon + glass fiber (IP65 equivalent)
- **EC Regulation:** EN 50371 / EN 60950 / EN 301 489/03 / EN 300 220/3
- **Global approvals:** F.C.C. / RSS210 / R&TTE / L.V.D.



Transmitter Technical Features

- **L x W x H** = 274 x 77 x 42 mm
- **Weight** 385 g (without battery)
- **Power supply** 2 AA size 1,5 V
- **RF output power** <4mW
- **Max. Current Consumption** 10 mA
- **Standby current** less than 1 micro A
- **Jammed button** detection
- **Low battery** indicator
- **Start key switch** and stop mushroom button



Receiver Technical Features

- **L x W x H** = 253 x 267 x 150 mm
- **Weight** = 3000 g (without cable)
- **Power supply** 12/24 Vac/dc - 48-110-220 Vac
- **Current consumption** at 24 Vac/dc - 32 mA on stand by – 148 mA ON - 18 mA for each activated relay
- **Realy contacts** 250 Vac - 10 A
- **Insulation voltage** 15 KV



Accessories

Receiver fixing

Standard equipment with 4 shock absorber mount

Wiring

Standard connection cable wired



Silk-screen printing

Standard interchangeable serigraph

Cover

Standard provided with a practical case belt clip

Strap

A handy wrist strap for added security while using



Transmitter and Receiver Standard Equipment

The following kits are composed of transmitter + receiver with 1,5 m pre-wired cable + transmitter protective cover:

- SAGA-L12-1 Receiver supply voltage 12/24 Vac/dc
- SAGA-L12-1-220 Receiver supply voltage 110/220 Vac



L12-1 – stop with 2 safety contacts -1 start contact - 11 n.o. output contacts commanded by 11 single-speed buttons



Receiver built-in horn and flashing-light 4-point shock mount for demanding mobile and industrial application

SAGA-L12-1-TX Transmitter Unit

SAGA-L12-1-RX Receiver Unit

The following kits are composed of transmitter + receiver with 1,5 m pre-wired cable + transmitter protective cover:

- SAGA-L12 Receiver supply voltage 12/24 Vac/dc
- SAGA-L12-220 Receiver supply voltage 110/220 Vac



L12 – stop with 2 safety contacts -1 start contact - 22 n.o. output contacts commanded by 11 double-speed buttons



Receiver built-in horn and flashing-light 4-point shock mount for demanding mobile and industrial application

SAGA-L12-TX Transmitter Unit

SAGA-L12-RX Receiver Unit

Optional Items

Battery charger

To recharge AA 1,2V

Recharge batteries

2500 mA



Antennas

Cable to remotely locate the antenna when the receiver is installed inside a control cabinet

Dipole antenna to increase the reception up to 150m in open field

Programming Kit

Composed of setting software and copy module

