TRANSPORTATION RADIO SYSTEM

Technical Data

Technical Data	SAGA1-V6-4 TX	SAGA1-V6 TX	SAGA1-V6 plus RX
Dimension	79 (L) x 46 (W) x 24(H)mm	112 (L) x 62 (W) x 39 (H)mm	130 (L) x 146 (W) x 64 (H)mm
Weight	Apprx. 57g (w/o Batteries)	Apprx. 135g (w/o Batteries)	Apprx. 490g/ 525g (with panel)
Frequency Band	868 MHz/ 915 MHz (Frequency might be varied on different region)		
Numbers of available relay	8 Function Relays + Stop		
Relay Rating	NC/ NO up to 20A		
Transmitter Power	2 AA Size Battery (Alkaline/ Rechargeable Ni/ MH)		
Receiver Power Supply	10 ~ 42 VDC		
Operating Temperature	-40°C ~ +85°C		
Reacting Time	< 0.1 Sec		
Antenna	Internal		
LED Power Indicator	3 Stage Power Indicator		

Accessories

	Jelly Cover （SAGA1-V6-4 TX）	Jelly Cover （SAGA1-V6 TX）	USB Cable

GAIN ELECTRONIC CO., LTD.
www.sagaradio.com.tw

Robust · Handy · Safe

SAGA1-V6

A radio remote system developed for Tow Truck/ Trailer/ Winches/ Hydraulic System. It also applies for Industrial Door/ Gate/ Barrier control and other industrial fields.

Transmitter legend:

1 Protective Rubber
2 Function Buttons
3 LED Power Indicator
4 START Buttons
5 STOP Button
6 Belt Clip

SAGA1-V6-4 TX

SAGA1-V6 TX

Receiver legend:

1 External Antenna Connecting Point
2 Function Buttons
3 LED Power Indicator
4 START Buttons
5 STOP Button
6 Control Panel Slide Cover
7 Pre-wired Output Cable

SAGA1-V6 plus

SAGA1-V6

Transmitter

Auto Channel Selection

This function provides an easy way to optimize channel arrangement based on the current situation in the field and also approaches non-interference from other radio systems.

Intelligent Radio Communication (Data Feedback)

The advanced RF technology assures the operator can monitor constantly the radio communication between Transmitter and receiver.

PC software Programmable

The pushbuttons are able to be customized through its PC functional software upon varity requests.
Laptop / Desktop Windows based program as it gives easy and faster access to manage SAGA1-V6.

Security

The power-on password prevents anyone from starting the remote control until they enter the proper password.
An extra layer of security with having password required to prevent unauthorized operator.

Water/Dirt resistant rate

IP 67 certified.

Power

Powered by 2AA size batteries. Budget and easy to acquire.

Receiver

Wireless Remote Pairing

System data information can be transferred wirelessly and especially to register a replacement transmitter without any tool required.

NC/NO relays equipped

All relays are NC (Normally Closed) / NO (Normally Open) relay for varity of requirements.

FUSE

Automotive fuse for easy replacement.

Breathable Housing

PTFE a membrane that stops liquid water but allows air to pass through for equilibrium the pressure in between inside/outside receiver enclosure.
PTFE membrane features a microporous structure that makes the fabrics completely waterproof. So that means water and other external moisture simply cannot penetrate the membrane while the air does.

Receiver pushbutton Panel (Optional)

Offering a pushbutton panel on receiver unit for special circumstances, i.e. transmitter damaged or lost.

Pre-wired Output cables

A prewired cable makes wiring installation quick and easy.

Water/Dirt resistant rate

IP 66 certified.