CL4-GSM Instruction

Ⅰ.Overview

front view

side elevation

|	
① nomally open	② com
③ nomally close	
（250VAC 10A / 125VAC 15A）	
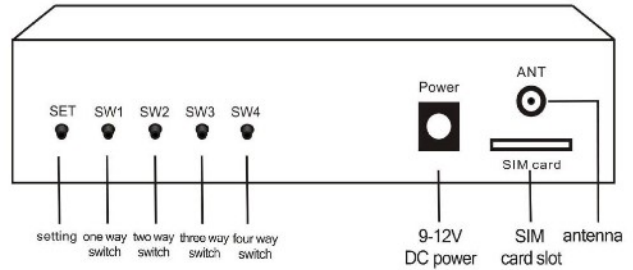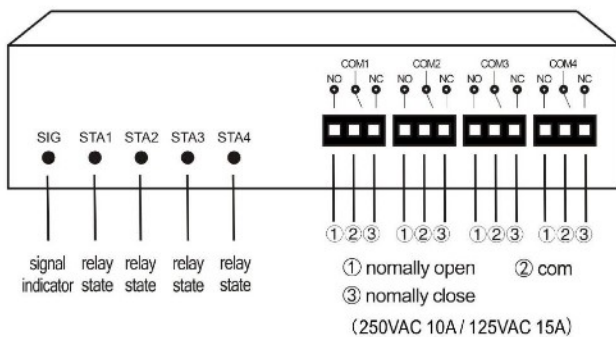
| SW button	control switch state,the state overturned after press
SET button	press the SET button, you can manually mode to set master number
STA Indicator	the current status indicator , if the state is connected , lights , and if status is disconn-ected, light goes out
GSM SIG Indicator	the signal indicator light flashes once in 2 seconds to enter the GSM network.

Ⅱ. Options：

1.install SIM card
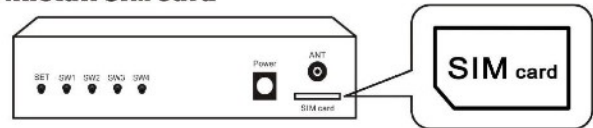
⚠ Installed your SIM card before power on,non-installed SIM card after power on.

2.Plug in the power connector
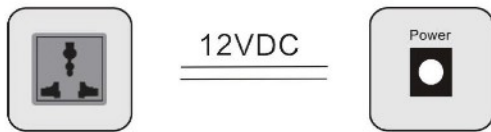
short initialization time (30seconds)after power on, related operations after initialization .all controller is disconnected by default.

3.Connecting the GSM net-work

Observe the SIG lights on the panel(Always bright),when flash once in 2 seconds the controller has connected GSM net-work,then you can set and control the GSM controller.
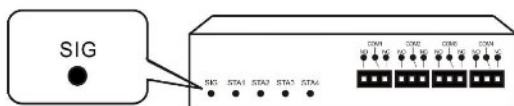
4.Set password

GSM controller initial password is:0000.Set the password of the instruction format is: SN+0000+NEW+ four new password, set up the new password with the memory function.
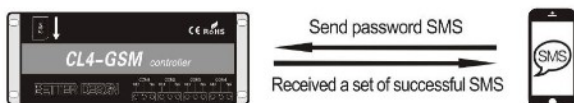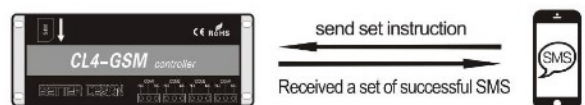

for example：send SN0000NEW1234
receive: NEW SN SETOK NEW SN IS 1234

5.Set master number(can set up 5 groups)

There are two ways set master number：one is through SMS settings,one is through the SET button.

*SMS setting mode：

Set the master number the instruction format:
SN+0000+NEW+master number(Phone number)

example, passwords is 1234, customers want to set 13888888888 to be master number, and then edit the message content: "SN1234SET13888888888" issued to GSM controller, if you set successfully will receive a message: "13888888888 SETOK". Only the master numbers can Dial into the controller and control it. Master numbers with a power-down memory function

*Ring set mode:
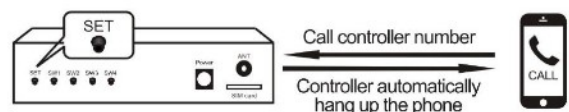
Press the SET button, STA1 led will flash for 30 seconds, during which time the number dial controller, controller will automatically hang up dial elephone, when the caller number will become master numbers,numbers with a power-down memory function.

6.GSM controller control:SMS/Dail/Button

*.SMS control mode

ON command   OFF command   COM command
T command   L command   XT command

Send control commands
Received a set of successful SMS
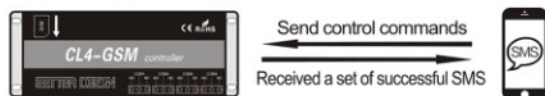
Setup steps: (the default password for 0000)

1. ON command (control four controllers fully open)
   the instruction format: SN+password+ON

example:SN0000ON   device return: STATE IS ALL ON

2. OFF command (control four controllers fully close)
   the instruction format: SN+password+OFF

example:SN0000OFF   device return:STATE IS ALL OFF

3. COM command (control state of each path controller)
Status code Description: N stands for open, F stands for off,
X stands for the same   the instruction format:
SN+password+COM+ control code

example: Send SN0000COMNNFF, instruction indicates that opened the 1 and 2 road controller to close the 3 and 4 roadcontroller; Operation IS successful reply SW1 IS ON; SW2 IS ON; SW3 IS OFF. SW4 IS OFF

4.T Command (inching the relay state)
Status code Description: C stands for open, X stands for hold state
the instruction format:
SN+password+T+(0-9)+ control code
0 stands for 0.5s,1−9 stands for 1s−9s

example: Send SMS SN0000T5CCXX, instruction represents the first way and the way path controller status flipped five

seconds after the resumption, the 3-way and 4-way controller status remains unchanged,

5. L command (SMS control controller to inching for a long time)
Status code Description: C stands for open, X stands for hold state
the instruction format:
SN+password+L+(001-240)+ control code
001 stands for 1min,240 stands for 240min

example: Send SMS SN0000L060CCXX, instruction indicates that controls the first path and the second path controller status flip, the controllers resumes 60 minutes later, the 3-way and 4-way status remains unchanged, replying: SW1 SW2 IS INCHING

6. XT commands (SMS settings Call Control first way controller mode)

the instruction format：SN+0000+XT+(0-9)
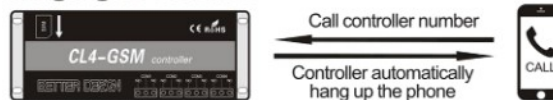0 stands for 0.5s,1−9 stands for 1s−9s

example: Send SN0000XT5, instruction indicates the call control section the first Controller mode is set to jog for five seconds, after setting a successful reply: JOG FUNCTION IS ON, indicates jog mode is turned on, then the ring controls the first path control changes state, the first way controller to restore the original state after 5 seconds

* Relieve XT control commands (ringing control controller status flip)
the instruction format：SN+0000+XT+C

example: Send SN0000XTC, device return: JOG FUNCTION IS OFF instruction indicates the Jog mode has been closed，the next rings controlling the first path controller status remains unchanged after the rollover.

*Ringing to control

Call controller number
Controller automatically hang up the phone

After setting the master number by SMS (controller without setting up the master number can not be controlled), the master number can controll the first path controller . The control mode is divided into two kinds, one kind of point moving mode, one kind is permanent flip mode.

Jog mode set reference TX command. Jog mode is to get through the phone after the relay will be reversed, after setting the time to return to the original state, such as the call before the call is off the state, after the call is connected to a closed state, after setting the time, and jump back off the state;

Permanent turnover mode refers to the ringing control first path controller relay flip, keep the overturning state in the absence of other instructions issued. For example, the call is turned off state, after the call is connected to the state, until there are other instructions to change it.

*Button control：

The controller is provided with 4 keys, which can respectively control the state of the corresponding controller,When you press the SW button, controller state will be over turned.If the original state is connected, then turned off .If the original into Shutdown mode, GSM plug into connected.

7.CHECK Order SMS check the controller status：

the instruction format：SN+password+CHECK

example: Send SN0000CHECK, device return: SW1 IS ON /OFF; SW2 IS ON/OFF; SW3 IS ON/OFF; SW4 IS ON/OFF; Reply controller state based on the state of the current four controllers

8.Memory function of controller power down

The default function of controller is power down save. After power STA1 flash two times, which means that the status is power down save; STA1 after power flash four times, which means that the status is without , power down status can be changed by the customer. By long press any key SW1-SW4 in 15s, you can change the current memory status,

9.Reset the system

Press the SET button and SW1 button at the same time for 1 second, STA1 led will slow flash 2 times, proved successful reset the system. When you reset the system, the master number will be emptied, password becomes four zeros: 0000.

10.MODE1 is default mode(works in most countries).

When you are in the Nordic Europe or other a few countries found call works but SMS did not respond, change to MODE0.
 e.g. Send SMS: **SN0000SM0** to equipment, then receive: **MODE0 SET OK**. When youwant to change to MODE1,send SMS: **SN0000SM1**

Notes

1. SIM card requirements: global GSM standard SIM card can be used currently does not support 3G or CDMA card, please activate the new SIM before insert the device.

2. Please do not put the controller in the metal surrounded by the environment (metal box or distribution box), this will cause the controller signal become weak, affecting the use of efficiency. If you need to work in the harsh environment, please choose to extend the antenna, the antenna placed in the metal box, can work for long-term stability.

3. Caller ID display must be turned on,ensure SIM card has sufficient balance in order to call and send text messages.

4. When the the signal is weak in some environment, there will let SMS controlled insensitive, and this is normal. Because the message communication needs transit point forward, it will send to the other number on time when in a good signal. In such circum stances,if you want set the master number, consider to use SET button to set master number will be more efficient.

5. When the signal of the environment is weak, it will appear.SMS control is not sensitive, is normal, no need to worry. If you set master number, considerusing fast SET key to set the key.

6. Using the product should pay attention to moisture, limited to indoor use. Output power do not work more than 10A(250VAC)/15A(125V AC) inductive load power by half