

Home security control system DSW09

Instruction

1 . Summary

DSW09 is a set of entirely new English home security alarm system, it uses advanced MCU control and SMD technology. It innovates multiple trade new techniques. It has reliability, good technology, advanced function, mightiness, and simple operation etc. features. It is used in house, office network alarm.



2 . Reference standards

R&TTE Directive 1999/5/EC on radio and telecommunications terminal equipment

EN61000

EN301 489

EN300 220

3. technical specification

3.1 working voltage: DC12V(converting by power adapter)

3.2 backup power:DC12V 1A(chargeable battery)

3.3 working frequency:433MHz

3.4 alarm sonority:85dB

4. Function feature

4.1 50 alarm records can be saved and provide convenience user for searching.

4.2 the telephone number can be set by dispart-zone. Can set 3-group number ,and every group can be 4pcs telephone numbers.

4.3 51pcs zones: has 4 wired zone and 51 wireless zones (4pcs of it is shared with wired zone)

4.4 Fully english display:Its operation and setting all be displayed by English and operation is more convenient and shortcut.

4.5 Function mightiness:

Possessing multiple programmable function setting, operation and setting is simple.

4.6 inner set 6-section the main controller's alarm signal;

4.7 can record 8-section telephone alarm speech and remind you the detector in certain zone alarm.

4.8 Password popedom

By password entering alarm system setting, that is convenient for operator to control alarm system religiously.

4.9 Long-distance remote control

The alarm can be controlled by keypad and remote controller, by telephone line, it can be long-distance controlled, and fulfill arm/disarm/monitor hearing function.

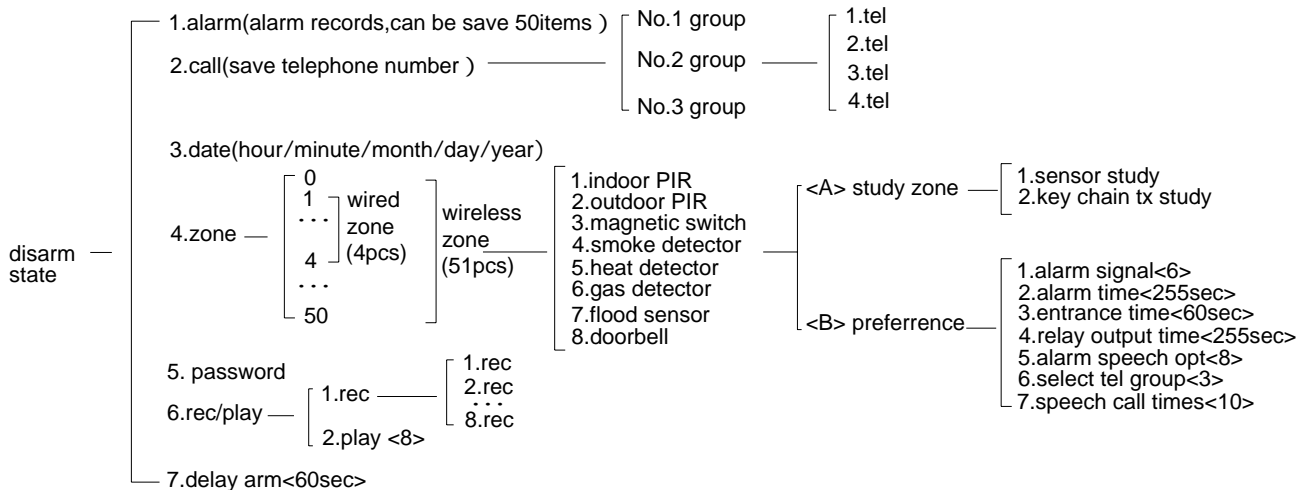
4.10 Intelligent study.

Wireless detector's study is very simple. The study time need no 1sec and can be studied continually dispart-zone.

4.11 AC and DC power switch automatically, and it operate normally after power off.

4.12 tamper alarm: when the mounting bracket on back is taken down from body, the main controller will alarm.

5. Function menu



6. the main controller's state: Arm、disarm、home arm

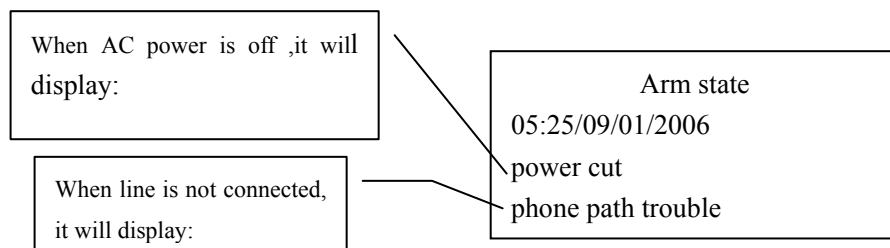
It can be armed or disarmed by remote controller (see the remote controller's instruction in section 15), and also can operate on the main controller's panel, see below:

Disarm(this can operate only when alarming)-----during alarming press *key input operation password press # and then can disarm;

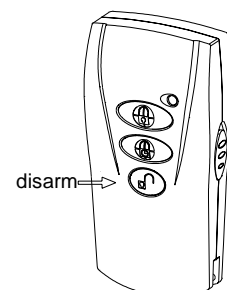
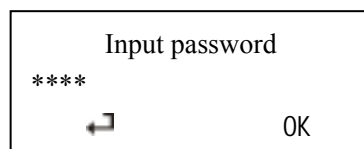
Arm-----after entering the main setting menu, you can press press ↻ key for arm, and press ⏪key for delay-arm.

Note: after disarm the main controller will re-memorize all wired zones state.

7. Enter setting: When power is on, the main controller is in arm/disarm state and LCD displays:

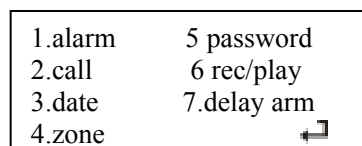


At first press the disarm key on remote controller to disarm the system, and then press # key to enter setting. LCD will display below: input



operation password(initialization is 0000).the password is allowed at the most 13bits. **Caution: If inputting the wrong password for 6 times continuously, the main controller will alarm. And the LCD will display the information of No. 50 zone.**

Enter the below setting by pressing the OK key:



8. Function setting

8.1 alarm: Show the alarm information and the time records. It can save 50 records at most. e.g:

```
Destroy alarm
05:25/09/01/2006
☐ 00/50
```

This means that it has a destroy alarm at 00:00:46 may 18 th 2006(destroy switch hasn't been pressed).

8.2 call: Save the alarm phone numbers

```
Pls select group No.
No.1 group
No.2 group
No.3 group
```

Input 1/2/3 to select group number. Every group can save 4 numbers. If you select "1" and save the first group number, LCD will display:

```
No.1 group
1.tel      3.tel
2.tel      4.tel
☐ OK
```

After you select number (1,2,3,4), LCD will display:

```
Input phone number
*****
☐ ok
```

Every number can be set to 15 bits at most. Press OK after inputting the number (pressing ← key can cancel the figure of the number inputted). If the first number of a group has been inputted, LCD will display:

```
Tel 1 has been saved
*****
```

8.3 date: Date setting

After entering, LCD will display:

Set every figure by pressing the ▲、▼ key. And set hour / minute/month/day/year by pressing ◀、▶ key. And then press OK to confirm setting.



```
Date setting
05:25/09/01/2006
☐ Ⓢ ok
```


8.4 Zone : Set zone.

After entering LCD will display:(4 wire zones, zone number:1,2,3 , 4 , wireless: 0 , 1...50,51zones in total. Zone 0 is used for

Press 、 key to select the zone number. At most it can be set to <00><01>... 50 51 zones. Warning: if "!" appears, it means this area is forbad. If you want to use this zone, make this zone active by pressing REVERT key. Or if you want to cancel, press DELETE. LCD displays :confirm deleting? Ask you to confirm whether it is deleted or not.

emergency alarm.)


zone 00 
/  indoor PIR
A. study zone
B. preference

Select the type of zone by pressing  key .
There are 8 types to select in total : indoor PIR,
outdoor PIR、 magnetic switch、 smoke detector、 heat
detector、 gas detector、 flood sensor、 door bell.

<A>:study zone, set wireless zone


Pls select
1.sensor study
2.key chain tx study

Press 1 to set wireless sensor and LCD displays:

zone 00 
press OK to study

Study from zone 00 acquiescently.
There are 51 zones (00,01, ...50) in
total. Select the zone number by
pressing key.


Start to study by pressing OK key. LCD will display:

Zone<50>
Be studying 060 sec

Now you can start zone you want to study. There is 60 sec waiting for you to start zone. After starting zone, if LCD displays as follow ,study achieves. Bur if you don't start the zone during this time, main controller will exit automatically.

zone 50
study achi eve

Press 2 to set remote controller, after entering , LCD will display:

emitter 0 
press OK to study

Study from No.0 emitter acquiescently.
There are 9 emitters (0 , 2...8) for
studying . Select emitter number by
pressing key.

Start to study by pressing OK key. LCD displays:

Be studying 00 sec

Now you can start zone you want to study. There is 60 sec waiting for you to start zone. After starting zone, if LCD displays as follow :study achieves. But if you don't start the zone during this time, main controller will exit automatically.

```
emitter 0
study achieve
```

:preference: Set every parameter of zone. There are some setting ways as follow :(turn the page by ←、→ key)

alarm signal setting. select the alarm sound typer that the main controller alarm.

```
alarm signal
1. alarm    4. alarm
2. alarm    5. alarm
3. alarm    6. alarm
```

alarm delay setting

```
alarm time
000 sec
```

Set the time by ▲、▼key. It can be set to 000 001 ... 255 and the longest time is 255 sec.

entrance time setting: set the delay from the time zone is started to the moment that the main controller start to alarm.

```
entrance time
00 sec
```

Set the time by ▲、▼key. It can be set to 00 01 ... 60 and the longest time is 60 sec.

the delay of relay output

```
relay output time
000 sec
```

set the time by pressing the ▲、▼ key. It can be set to 000 001 ... 255 and the longest time is 255 sec.

alarm speech option

```
alarm speech opt
1
```

Select the speech information pre-recorded , which is called by main controller when alarming.

Select alarm tel group

```
select tel group
No. 1 group
No. 2 group
No. 3 group
```

Select the dialing phone number by pressing 1/2/3 when alarming.

speech call times setting: It can be set to 10 times at most and set the times by pressing ↑、↓key.

speech call times
00

8.5 password: Modify operation password. After entering , LCD displays:

Input password

ok

Enter new password of 1~13 bits and confirm by pressing Ok. LCD displays: ask you to input new password again.

Input password again

ok

Confirm by pressing Ok after entering. LCD displays: password is modified triumphantly.

Password modified

8.6 Rec/play Record the alarm sound

Rec/play option
1. rec
2. play

Select 1 to record, LCD displays:

Pls select
1. rec 4.rec 7.rec
2. rec 5.rec 8.rec
3. rec 6.rec

8 segments of speech can be recorded. If you want to record the first speech, select 1 and LCD displays:

rec 1
be recording...
00 sec

Speech No.

It means it is recording .You can leave word to the main controller. Record time is 10 sec. And the time shows from 00 , 01 ... 10 sec.


When record time is end, speech will play automatically by main controller. At the same time ,LCD displays:

Speech play
1

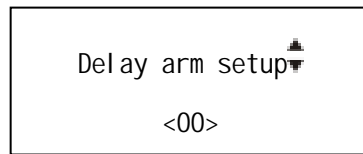
speech No.

Select 2 play, all the record segments play and LCD displays as follow: when every speech plays, the number will show at the same time (such as 1,2...8)

Speech play
8

You can stop speech playing by pressing  when playing.

8.7 delay arm : the delay time is allowed 60sec at most.



9. Speech alarm

after meeting the phone you will hear corresponding speech information, when speech stop playing ,you can confirm by pressing the key on the phone according to following(as follow):

- press the “*” key, the main controller stops alarming and you can monitor hearing the scene sound, after “DI” sound you can press “*” key to continue hearing scene sound otherwise it will automatically ring off after some time.

- press the “0” key, the main controller stops alarming and ring off automatically.

- press the “#” key, the main controller ring off automatically but it still alarm.

- press the “7” key, the main controller ring off automatically and disarm.

10. Long-distance setting

call the main controller→12 phones waiting sounds →DIDI→press * key, input the password on the keyboard of phone and then confirm by pressing # key.

If inputting the wrong password, you will hear the sound of DIDI. You can re-input the password again by pressing * key.After inputting the correct password, you can set as follow:

- Press 0: ring off;

- Press 9: home arm,only outdoor zones armed, and indoor zones not armed

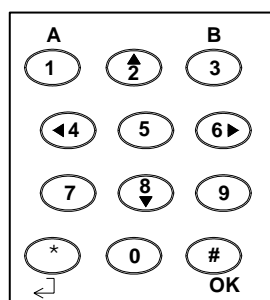
- Press 6: away arm, indoor and outdoor zones armed

- Press 7: disarm

- Press # key: main controller ring off and alarms

- Press * key: monitor the locale. After the sound Of DI, monitor hearing stop and then:

⇒ { Press*: continue to monitor hearing
Press0: ring off
Press#: the main alarm and ring off



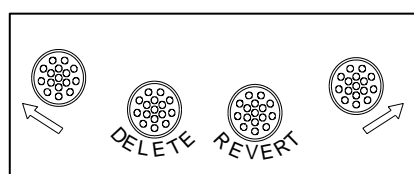
11. The panel key illumination:

digital key:0,1(A),2,3(B)~9

choice key: ▲ ▼ ◀ ▶

return/exit key:*(↵)

confirm key:#(OK)

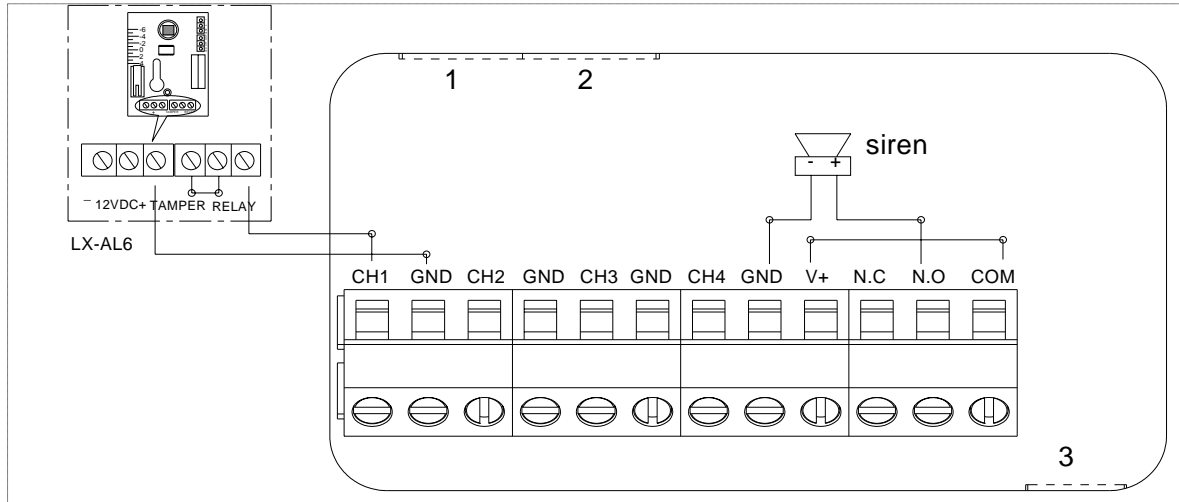


page up/down key: ⌂ ⌂

Delete zone key:DELETE

Active zone key:REVERT

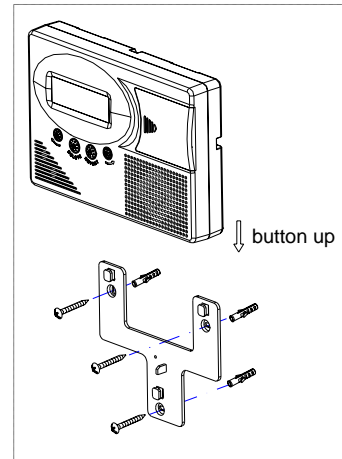
12. connection-wire illumination



- 1 , 2 : telephone line connection-in and connection-out jack
- 3 : power adapter jack;
- CH1,CH2,CH3,CH4,GND: 4pcs wired zone terminal. The connection method see above figure;
- GND,V+:DC12V power output terminal, do not use it to supply power as possible as you can;
- NC , NC , COM : normal closed/normal open relay output terminal;
- for the connection of siren, please see above figure.

13 . Installing instruction

- Pull down the mounting bracket on back;
- According the right figure fix the bracket on selected position with the screws and dilatants in attachment bag
- Button up the main controller's body to the bracket.

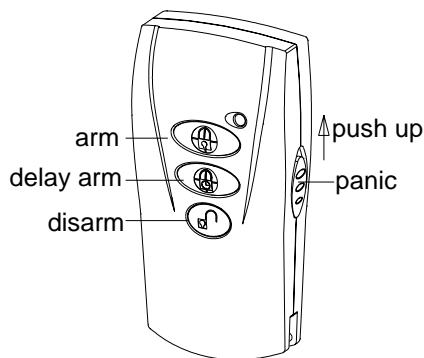


Attention: if not button the body to the bracket, after powered ON the main controller will alarm, which is designed for tamper alarm.

14. Problem and solution

Problem	Probable Reason	Solution
14.1 the wireless fittings new purchased can not match with the main.	Not set the wireless fittings to the main	Set the wireless fittings to the main according to the instruction
14.2 the main can't receive wireless fitting's signal	A. the inner battery-power exhaust B. there are obstruction between the wireless fitting and the main	A .replace new battery B. adjust the main's placed poison
14.3 telephone alarm disable	A. the phone path has trouble B. the phone number setting is false C. the phone line not connect to the main correctly.	A. check the phone path B. re-set the phone number according to the instruction C re-connect the phone line.

15、 remote controller



15.1 specification

power:DC3V (lithium battery)

static current: <math><1\mu\text{A}</math> emitting current:<math><8\text{mA}</math>

remote control distance: $\geq 30\text{m}$ (wide place)


15.2 operate


at first set its code. It adapts free coding. The coding method: tighten off the base screw and open it, press and hold any emission key and then install battery, here the LED flash indicating it is coding. The coding is confirmed when you loosen the key.(if you find remote controllers have repeat codlings, you can re-code according above method).


wireless setting: Enter “4.zone→A.study zone→2. key chain tx study” in setting mode, press any emitting key to make it emit signal, and the main controller will give 1 DI sound, setting successfully.

key function:

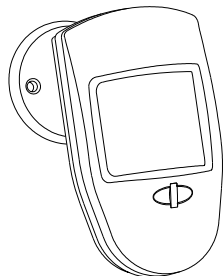
push up the panic key, the main controller give panic alarm, and also it dial numbers by turns.

Press arm key  : Away/home arm.

Press disarm key  : Cancel arm, and also can intermit alarming and dialing.

Press delay arm key  : the main controller give DI—DI sound, and after 60sec, DI sound will be heard again, enter armed.

16、 Wireless PIR detector DPS-55



specification

power:DC9V 6F22 battery

static current:30 μA

place)

detect distance:12m (22)

detect angle:110°

remote control distance: $\geq 30\text{m}$ (wide

installation height:2m

function

prevent false-alarm function: you can set sense once/twice to emit;

sense、 emission LED

Low-battery indication: When battery energy is below 7V, the red LED will flash once a second and remind you replace battery.

jumper setting (see following diagram)

Sense once to emit:

sense it once, the sensor emit signal, 15 seconds later after it emit signal, sense it once again, it emit signal again;

Sense twice to emit.:

after sense it twice, the sensor emit signal, 15 seconds later after it emit signal, sense it twice again, it emit signal again.

Operate and install

slide the DIP switch to set needed code;

60 sec later after switching on 9V battery the unit enter working state;

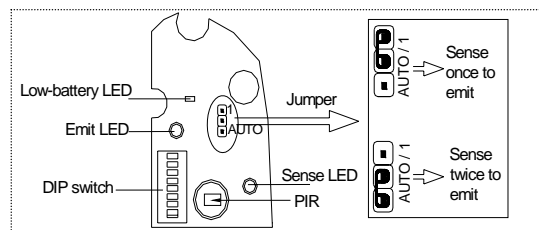
wireless setting: Enter “4.zone→A.study zone→1.sensor study” in setting mode, sway your hand in front of the detecting window to make it emit signal, and the main will give 1 DI sound, setting successfully.

Then you can sense the LX-AL8 to test it whether it can be accepted by the main controller.

we suggest it should be installed in dypass, living room, reside room etc area, and install it on high place. Its detecting window should face the detection range.

Avoid installing the unit on metal base;

Avoid installing the unit where sun shine or temperature change obviously, for example: air



conditioning, heater etc.

17、Wireless door magnetism MCS-204R

specification

power:DC12V A23 battery

static current: $0\mu\text{A}$ emission current: $<8\text{mA}$

remote control distance: $\geq 30\text{m}$ (wide place)

function

it transmit the signal of the door/ window's opening or closing to the main;

Tamper design: Under the condition that the triangle on emitter aims at triangle on magnetism, when the battery lid is removed, it will emit signal to the main.

operate

Set its coding by DIP switch;

Wireless setting: enter "4.zone→A.study zone→1.sensor study" in setting mode, the triangle on emitter aims at triangle on magnetism, put away the magnetism or emitter to make it emit signal, and the main will give 1 DI sound, setting successfully.

test it whether it can be accepted by the main controller.

Installation attention

Install magnetism and emitter on upright position of door lock, the distance between them is 3mm~5mm and triangle on emitter aims at triangle on magnetism(like left following figure);

The magnetism should be on the left of the emitter (like right following figure).

