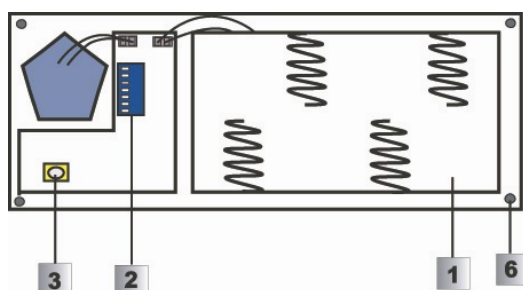


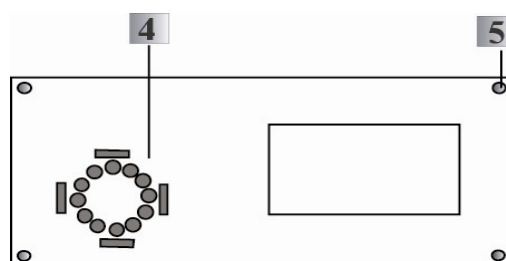
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IDENTIFYING THE PARTS

- 1 **Battery Compartment** (With a lid secured with 4 screws)
- 2 **Function Dip Switch** (Contains 7 dip switches to enable the learning mode and to set the alarm period of siren).
- 3 **Tamper** (The tamper switch protects the device from being opened or from being removed from mounting surface).
- 4 **Buzzer hole**
- 5 **Mounting holes X 4**



INSIDE VIEW



BACK VIEW

ACCESSORIES INCLUDED

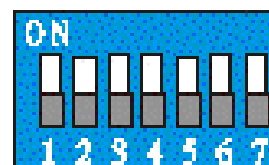
In addition to the IS200 itself, the following accessories are also included in the package:

- a) 4 x D-cell Alkaline Batteries to be placed in
- b) 4 x 6mm dowels.
- c) 4 x screws to be placed in four corners

1. DIP SWITCH POSITION TABLE

Carefully slide down the protective cover exposing the switch block set that consists of 7 switches marked (1 ~ 7) left to right. A switch in the up position indicates the **(ON)** mode. Likewise, a switch in the down position indicates the **(OFF)** mode. Switch function table is below:

SW1		Siren Learning
OFF		Normal operation
ON		Learn-in mode
SW2		Reserved
SW3	SW4	Siren Duration
OFF	OFF	3 min.
ON	OFF	5 min.
OFF	ON	10 min.
ON	ON	1 second (test)
SW5		Reserved
SW6		Memory Reset



For further detail please see section 3. Function Overview.

2. POWER SUPPLY

IS200 features completely wire-free operation and uses four alkaline D cells. The battery-life is estimated for 3 years.

The IS200 can detect if the battery is low. Low battery detection operates where the IS200 has enough power to typically operate for 1 month before complete exhaustion. The siren low battery signal will be enunciated by five beeps under Operation Mode.

On the other hand, during an alarming period low battery status, the siren sound will be incomplete. For Burglary, Fire and water alarm duration, IS200 gives an intermittent alarm sound of 500 ms, 460 ms and 460 ms ~ 1400 ms of cyclical accordingly.

3. IS200 FUNCTION OVERVIEW

- **Siren Audible Performance**

The siren produces a minimum of 104 dBA sound pressure at 1 meter on axis. It is programmable via two DIP switches (SW3 and SW4) for four different siren durations:

- 1) 3 min.
- 2) 5 min.
- 3) 10 min.
- 4) 1 second (for testing)
 - The fourth position (1 second) is used for testing during installation.
 - For Burglar / Panic Alarm, IS200 gives a continuous alarm sound.
 - For Fire / Water alarm, IS200 gives an intermittent alarm sound of 2-sec siren followed by a 1 sec interval, cyclically during the programmed alarm duration.
 - The siren is silenced when either the programmed siren duration expires or the Control panel turns off the siren.

- **Previous Alarm Warning**

If there has been an alarm while you were away, the IS200 sounds alarm while the system is disarmed.

WARNING: If the siren is activated for 3 seconds when you disarm your system, it is reminder you that there could be an intruder still in your premises.

- **Audio Status Indication**

While arming / disarming the system, the IS200 uses different methods to distinguish various statuses for the user, as listed in following table:

Note:

For those marked with asterisk (*), it means the Siren Audio indication will be effected by the Confirmation ON / OFF. When setting Confirmation to OFF, the confirmation sound will not be available.

	Siren Audio
Arm/Home	1 beep*
Disarm	2 beeps*
Arm/Home (Low Battery)	5 beeps
Disarm (Low Battery)	5 beeps
Arm/Home (Tamper)	5 beeps
Disarm (Tamper)	5 beeps
Previous alarm warning	3 secs beep
Tamper Alarm	Continuous beeps
Entry/Exit Sound	Count-down beeps

- **Factory Reset**

The siren can be reset and memory contents cleared by following steps:

Step 1: First, put the Control Panel into **Device +/-** menu and then select **Remove Device** menu.

Refer to the operation manual of your Control Panel under the section of **Device +/-** to complete the IS200 removal procedure.

Step 2: Open the top case of IS200 and the battery lid.

Step 3: Remove the batteries, and then press the tamper switch once for discharging.

Step 4: Slide DIP SW 6 to ON position and restore the battery. The siren will produce a short confirmation tone.

Step 5: Slide the DIP SW 6 back to OFF position. The IS200 returns to normal mode and the programming memory is clear.

4. GETTING STARTED & PROGRAMMING IS200 INTO CONTROL PANEL

• Inserting Batteries

- Step 1. Release the screws at the bottom of IS200 and pull the outer case out carefully.
- Step 2. The battery compartment is a large box in the IS200 with a lid secured with 4 screws.
- Step 3. Remove the four screws as shown and take off the compartment lid.
- Step 4. Insert the D cell alkaline batteries provided into the battery compartment, taking care to put the batteries in the right way around.
- Step 5. The siren will give a short confirmation tone when the last battery is inserted.
- Step 6. Replace the battery compartment lid with the four screws taking care not to over tighten.

• Learning the IS200 into Control Panel

Note: Remember to learn in at least one other device into control panel before IS200 can be added.

- Step 1. Locate dip switches.
- Step 2. Use a sharp object to slide **Dip SW3 & SW4** on IS200 function switch block for your desired alarm period.
- Step 3. Slide Dip **SW1** to ON. The siren will sound two short beeps to indicate it is now in the learn mode.
- Step 4. Program the control unit by selecting "**Device +/-**" menu, then "**Program Siren**" menu, then "**Learn Siren**".
- Step 5. **For non-NXP control units:**
Press **OK** key and the control unit will emit a long beep to confirm, followed by the siren's response of two short beeps. If the Siren has been already learnt-in, then, one short beep will sounded to notify the user.

For NXP control units:

- a) Press **OK** key and the control unit will ask if it is for "**Single area**" or "**Whole system**".
 - **Single area** means that IS200 raises an alarm only when the sensor, which is learnt in this area, is triggered.
 - **Whole system** means that IS200 raises an alarm when any sensor, which is learnt in either Area 1 or Area 2, is triggered.
- b) Select either **Single area** or **Whole system** and press **OK** key; the screen displays "**Pls wait RF Transmitting**" and a learning code is transmitted.
- c) Siren should respond by activating its siren & strobe light momentarily.
- Step 6. Slide Dip SW1 to OFF position, the siren will emit one short beep to confirm that the siren is now in Normal Operation mode.

• Programming the IS200 in the Control Panel

Put the Control Panel into **Device +/-** menu and select the **Program Siren** sub menu (See operation manual of Control Panel), you can find the following selections:

1) **Siren Tamp. Off/On** (Siren Tamper Off/On)

- IS200 is protected against any attempt to open the lid or to detach IS200 from its mounting surface.
- If the siren detects a tamper condition it will activate the siren for the programmed alarm period. A tamper signal will be sent to the Control Panel along with regular signal transmissions for the Control Panel to display the status accordingly. If the tamper condition persists, the siren will sound a series of five beeps either every time the system is armed or when the tamper is enabled, to indicate a fault.
- Tamper feature can be disabled by selecting **Siren Tamp. Off**. The IS200 temporarily stops the tamper detection for one hour (especially designed for replacing battery). After one hour, the IS200 tamper automatically revert to **On** even if it is not switched back.
- Tamper feature can be enabled by selecting **Siren Tamp. On**. The IS200 enables its tamper protection.

2) **Confirm Off/On** (Confirmation Off/On)

- The selections are used to enable or disable wheather IS200 plays confirmation beeps while system is armed or disarmed.

3) **Entry Snd Off/On** (Entry Sound Off/On)

- The selections are used to enable or disable wheather SR plays counting-down beeps during the entry delay period.

Note:

When any of the Siren Tamp. Off/On, Confirm Off/On or Entry Snd Off/On is selected and press **OK** key on the panel, the IS200 sounds a beep to indicate the setting success.

5. INSTALLING IS200

The tamper switch plunger protrudes through the back of the unit, so that if the siren is pulled off from the wall, the alarm will be activated. Ensure it is fully depressed when the siren is mounted. If there is a gap, pack with a suitable spacing material.

Step 1. Find the location where IS200 is to be mounted.

Step 2. Using the large screws and wall plugs provided, mount on wall through the 4 x mounting holes.

Step 3. Fix the siren cover with the securing screw.

Step 4. Enable tamper switch by selecting the **Device +/-** menu, then, **Program Siren** menu on the Control Unit.

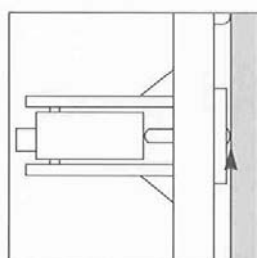
Step 5. Check if the installation is successful by testing from the Control Unit by arming and disarming function.

Successful arming/disarming is indicated by the table provided in **Audio Status Indication**.

Note:

If 5 short-beeps are noticed while arming, it means the tamper is not correctly set. Check to ensure that tamper is properly set and then test from Control Unit again.

Step 6. The installation is now completed.



Tamper switch plunger
must be pressed in fully by
wall surface

6. CHANGE THE BATTERY

Step 1: Put the Control Panel into **Device +/-** menu and select the **Program Siren** sub menu; use ▼ key finding the **Siren Tamp. Off** and then press **OK** key. The IS200 will sound a beep to indicate the tamper is closed.

Step 2: Release the screws at the bottom of IS200 and pull the outer case out carefully.

Step 3: The battery compartment is a large box in the IS200 with a lid secured with 4 screws.

Step 4: Remove the four screws and take off the compartment lid.

Step 5: Remove the old batteries; and press the tamper once for discharging.

Step 6: Insert the new D cell alkaline batteries provided into the battery compartment, carefully to put the batteries in the right way around.

Step 7: The IS200 will give beeps when the last battery is inserted.

Step 8: Replace the battery compartment lid with the four screws taking care not to over tighten.

Step 9: Put the Control Panel into the **Program Siren** menu again; use ▼ key finding the **Siren Tamp. On** and then press **OK** key. The IS200 will sound a beep to indicate the tamper is opened.

Made in TAIWAN

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