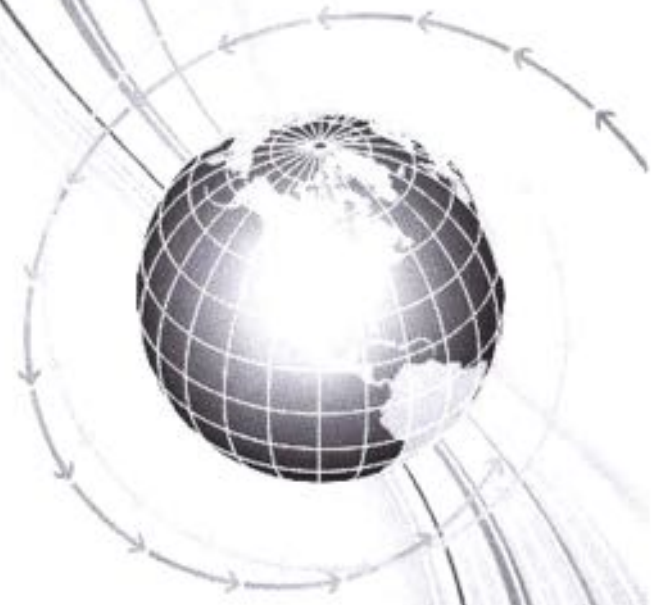


VOICE GSM ALARM SYSTEM
USER MANUAL



In order to completely understand the function of this system
please have a through reading of this book

Security GSM Alarm System
USER MANUAL

1 System Introduction

Wireless GSM intelligent anti-theft electronic alarm system is an innovative wireless mobile intelligent warnner integrating GSM digital signal processing techniques and imported STC microprocessor, and a variety of technologies including digital voice announcer, English SMS, learning code, etc.

In addition, this alarm system is highly automatic, giving automatic voice or SMS alert in the event of emergency without intensive manual settings required. Features of stability, reliability, safety, and humanizing control enable it to be widely used for alert in shops, convenience stores, offices, villa as well as residential communities.

2 Function Introduction

- 4 wired and 6 wireless defence zones;
- Can preset and store 6 voice phones and 3 message phones;
- Remote two-way intercom.
- Telephone (mobile phone) remote control programming;
- SMS remote control preset & arm/disarm the main panel;
- SMS alarm content can be changed;
- 3 groups of timely arm and disarm;
- Can connect wireless siren(Optional)
- 10-second automatic message recording;
- Built-in intelligent English message;
- Alarm locking memory and information clear for easy checking;
- One-key-control function: Out Arm, Home Arm, Remote Arm;
- Wireless intelligent learning encoding and comply additional accessories;
- Arm, disarm, monitor and intercom by remote calling the alarm unit;
- Real-time, delay, 24 hours, bypass defense zones programming function;
- Built in NI-HI rechargeable battery is available to provide power supply nearly 5hours automatically after power off;
- AC and DC dual use are available for 24-hours-a-day normal guard;
- Main unit anti-tamper and low-voltage detecting function.

3 Technical Parameter

Input Voltage:	DC9V-12V
Standby Current:	<55mA
Alarm Current:	<450mA
Wireless Frequency:	315/433.92MHz, 2262/4.7MHz
GSM Frequency:	900/1800/1900MHz
Backup Battery:	NI-HI AAA*6 DC7.4V
Alarm Loudness:	110dB

4 Factory Default

defence zone	Arm	At Home	Type	Alarm Conditions	Siren
defence zone 1	Valid		Real-time	Door lock alarm	On
defence zone 2	Valid		Real-time	Hall alarm	On
defence zone 3 (wired)	Valid	Valid	Real-time	Window alarm	On
defence zone 4 (wired)	Valid	Valid	Real-time	Balcony alarm	On
defence zone 5 (wired)	Valid	Valid	24 hours	Fire alarm	On
defence zone 6 (wired)	Valid	Valid	24 hours	Gas alarm	On
Remote control emergency key	Valid	Valid	24 hours	Help alarm	
Programming password:	8888		Remote Control:	Enabled	
Operation Password:	1234		Ringing Times:	Once	
Siren Duration:	180 seconds		Warning Siren:	Disabled	

5 Installation

■ Main Unit Installation

Be careful to keep it away from large metal objects or household appliances which may cause high frequency interference, as well as barriers such as reinforced concrete walls and fire doors.

Control Panel of Main Unit:

- ① Power hole
- ② Alarm output end
- ③ +12V power output
- ④ Grounding wire (1-1)
- ⑤ External speaker
- ⑥ SIM card slot
- ⑦ Setting button
- ⑧ Backup power switch
- ⑨ Antenna pedestal
- ⑩



- A. defence zone indicator
- B. [Arm] indicator
- C. [Power] indicator

■ SIM Card Installation

- Step 1: Push out the SIM card socket as the open direction.
- Step 2: Fit the GSM card into the card socket properly.
- Step 3: Push the card socket as close direction until it is fit firmly.



6 Main Unit Settings

■ Prompt Message

Function	Operation Instructions	Notes
Beep	Short "beep"	Key-press prompt
	Long "beep"	Confirm prompt
	Three short "beep"	Error prompt
	"Beep" continue	SIM card is not fit or power on for the first time
Defence zone indicator	Always on	Alarm lock
	Flickering	Disarm status, this defence zone is triggered
Arm indicator	Always on	Arm status
	Slow flickering	Settings status/At home status
	Fast flickering	Alarming status

Lights	3 seconds shiny look	Home network successfully, and normal standby
	Flicker	Are registered or not installed SIM card network
	Extinguish	System failure

■ Power-on for the First Time

Following the method of installation, install the SIM card of main unit, make wired connection and fit the GSM antenna properly in order. Then plug the power adapter.

At this point, the host of the eight lights flashing cycle, after the host began to detect GSM network, the power light flashes until the network is normal, the power light flashes slowly (3 seconds flashes once), the host is disarmed

At last, slide the switch of backup battery to [ON] with nippers or a small screwdriver.

■ Factory Reset

First switch off the backup battery and cut off the power supply, press and hold the button [Set] on the top of unit, then turn on the power adapter; 1. Light; 3 seconds after the buzzer "beep" a long sound, lights were flashing, and finally release the button. Host settings have all been removed, restoring the value of a successful factory.

■ Voice Record

In the status of disarm, press [Set] for 3 times, the main unit emits a long "beep", and [Arm] indicator flickers (once a second), then recording starts: recording at 30cm away from the main unit, with standard of moderate voice; 10 seconds later, recording stops automatically and [Arm] indicator goes out.

■ Enter Setting

In the status of disarm, press and hold [Set]; 3 seconds later, the main unit emits a long "beep", [Arm] indicator flickers and the main unit enters the setting status.

In the status of settings, as long as keeping the status of setting ([Arm] indicator flickers), you can program different settings repeatedly. During setting, however, if you stop setting operation for over 30 seconds, the main unit will exit from setting mode automatically and return to the status of disarm.

■ Exit Setting

After setting is finished, all the indicators of the defence zones is off but only [Arm] indicator flickers; press [Set] for 3 seconds, the main unit exits from setting. [Arm] indicator goes off, the main unit returns to the status of disarm.

■ Code Pairing by Remote Control

Code Pairing of Remote Control

In the status of disarm, press and hold [Set]; 3 seconds later, the main unit emits a short "Add remote

controller" and all the indicators of the defence zone are always on, which indicate that the unit enters remote control code pairing status; take a remote control required for code pairing and press any key on it to emit a wireless signal to main unit; after the main unit receive the signal "Successfully added" a beep and all the indicators of defence zone go out, which indicate the remote control succeeds in code pairing.

Cautions: the main unit can provide code pairing for at most 20 remote controls. Code pairing for all remote controls is the same.

Delete Remote Control

In the status of disarm, press and hold [Set]; 3 seconds later, the main unit emits a long "Add remote controller" and all the indicators of the defence zone are always on, and then it enters remote control code pairing status; press and hold [Set] for 3 seconds, the main unit emits a long "Set Successfully" and all the indicators of the defence zone go out. Remote control paired successfully.

Cautions: when deleting remote control, all the remote controls would be deleted.

■ Code Pairing of defence zone

Code Pairing of defence zone

In the status of disarm, press and hold [Set]; 3 seconds later, to enter the remote control code pairing status; press [Set] once again and the indicator of defence zone 1 goes on; Prompt: "Add Defense area" then, take a sensor required for code pairing and trigger an alarm to emit a wireless signal to the main unit; after the main unit receives this signal, it emits a long "Successfully added" and the indicator of defence zone 1 goes out, which indicate code pairing in defence zone 1 is paired successfully.

Cautions: in the status of disarm, press and hold [Set]; 3 seconds later, skip code pairing of remote control and continue to press [Set], and then the indicators of the defence zone go on one by one; select a defence zone to perform code pairing and the indicator of this defence zone goes on. Repeat the code pairing operation in the paragraph above for all other defence zone.

Code pairing for the defence zone on main unit can be overwrite automatically, which means only the last code pairing is valid. Therefore, code pairing can only be performed for one sensor in a defence zone; in case the number of sensors required is more than that of the defence zone, you can edit the address code and digital code of the sensors of same type to be the same exactly. By doing so, you just need to perform code pairing for one sensor, and then other sensors with the same codes can work normally. In alarm, it will indicate the same defence zone.

Delete Code Pairing

In the status of disarm, enter settings and skip code pairing of the remote control; press [Set] once again, then the indicator for defence zone 1 goes on; Prompt: "Add Defense area", then, long press [Set], three seconds later the main unit emits a long "Set Successfully", and the indicator of defence zone 1 goes out. Code pairing for defence zone 1 is deleted successfully.

7 Remote Control Programming

All the programming of the main unit are completed by key operations on a phone or send SMS commands, which shall dial GSM card number of main unit first.

In the status of disarm, after GSM network is checked to be normal, dial the SIM card number by mobile phone (or fixed phone), the main unit will answer automatically and give a voice prompt "Please enter the password"; then you can enter the correct programming password (factory default: 8888); after that, the main unit emits a long "beep", and the [Arm] indicator flickers, indicating that the main unit enters remote control programming.

■ Function Instructions

Function	Operation Instructions	Notes
Enter Programming	Enter [password]	Long "beep"
Exit Settings	Hang up directly	Short "Beep"
Operation Password	[30] + [new password] + [#] (modified)	Factory default: 1234
Programming Password	[31] + [new password] + [#] (modified)	Factory default: 8888
Set Phone	[51] + [phone number] + [#]	[51]-[56] 6 groups
Delete Phone Number	[51] + [#]	[51]-[56] 6 groups
Message Receiving Phone Number	[57] + [phone number] + [#]	[57]-[59] 3 groups
Delete Message	[57] + [#]	[57]-[59] 3 groups
defence zone Programming	[60]+[01-08]+[1-4]+[1-8]+[0/1]+[#]	Factory default: 1/1/0
Remote Control	[password] + [1/2/3]	Voice prompt
Appliance Open	[password] +5#	
Appliance Close	[password] +6#	

■ SMS Instructions

Function	Operation Instructions	Notes
Operation Password	[Program password] + [30] + [new password] + [#]	Factory default: 1234
Programming Password	[Program password] + [31] + [new password] + [#]	Factory default: 8888
Set Phone	[Program password] + [51] + [phone number] + [#]	[51]-[56] 6 groups
Delete Phone Number	[Program password] + [51] + [#]	[51]-[56] 6 groups
Message Receiving Phone Number	[Program password] + [57] + [phone number] + [#]	[57]-[59] 3 groups
Delete Message	[Program password] + [57] + [#]	[57]-[59] 3 groups
Defence zone Programming	[Program password] + [60]+[01-08]+[1-4]+[1-8]+[0/1]+[#]	Factory default: 1/1/0
Remote Arm	[Operation password] + [1] + [#]	
Remote Disarm	[Operation password] + [2] + [#]	

Appliance Open	[Operation password] +5#	
Appliance Close	[Operation password] +6#	

■ Change Password

In the status of remote control programming, directly enter the address code [30]/[31] by phone keys, enter the 4-digit new password, at last add [#] to confirm. The main unit emits a long "beep" tone, indicating the operations are successful.

Operation password: 3 0 → X X X X → #

Programming password: 3 1 → X X X X → #

Illustration: "X" indicates the new password; for example, change the factory default (8888) of programming password into the new password: 0000.

3 1 → 0 0 0 0 → #

SMS Command: 8888310000#

Operation Password: after dialing the SIM card number by mobile phone (or fixed phone), if you enter the operation password (factory default: 1234), you can only perform the operations including arm, disarm and monitoring by remote control.

Programming Password: after dialing the SIM card number by mobile phone (or fixed phone), if you enter programming password (factory default: 8888), you can only perform the following settings including voice call, SMS receiving phone number and functions.

Caution: the operation password and the programming password can not be set to the same number.

■ Phone Setting

Voice Call

When it is set to alert through voice call, the main unit can send warning voice message to 6 phone numbers, (for example: defence zone 5, balcony alarm, this is.....).

In the status of remote control programming, enter the address code [51]-[56], enter the phone (fixed phone) number and then enter [#] to confirm. [51]-[56] represent the address codes corresponding to voice alarm-receiving phone numbers from the first group the sixth group.

Phone Number Settings: 5 1 → X X X X → #
 5 2 → X X X X → #
 5 3 → X X X X → #
 5 4 → X X X X → #
 5 5 → X X X X → #
 5 6 → X X X X → #

Delete Phone Number: 5 1 → #
 5 2 → #
 5 3 → #
 5 4 → #
 5 5 → #
 5 6 → #

Illustration: "X" indicates the set voice alarm-receiving phone number; set 0755-88824002 to be the second voice

call number.

5 2 → 0 7 5 5 8 8 8 2 4 0 0 2 → #

SMS Command: 888852075588824002#

Delete the third group of voice call number.

5 3 → #

SMS Command: 888853#

Message Receiving Phone Number

When it is set to alert through message, the main unit will send alarm SMS to three phone numbers, (for example: defence zone 5, balcony alarm).

In the status of remote control programming, enter the address code [57]–[59], enter the phone number and then add [#] to confirm. [57]–[59] represent the address codes of message-receiving numbers from the first group the third group.

Set Number: 5 7 → X X ... X X → #
5 8 → X X ... X X → #
5 9 → X X ... X X → #

Delete number: 5 7 → #
5 8 → #
5 9 → #

Illustration: "X" indicates the set message-receiving phone number; set 1381111111 to be the first message-receiving phone number.

5 7 → 1 3 8 1 1 1 1 1 1 1 1 → #

Delete the first message-receiving phone number.

5 7 → #

SMS Command: 888857#

■ defence zone Programming

In the status of remote control programming, enter the address code [60], first enter the defence zone number by [1–6], then enter the defence zone type by [1–4], then the defence zone location by [1–6], and then select if the alarm sound is enabled by [0/1], at last add [#] to confirm.

Operations: 6 0 → A → B → C → D → #

Notes: "A" indicates the number of defence zone; "B" indicates the type of defence zone; "C" indicates the location of alarm; "D" indicates if the siren sounds.

A: Number of defence zone: [1–6] corresponds to defence zone 1 to defence zone 6 respectively.

B: Type of defence zone: 1=common defense area, 2=intelligent defense area, 3=emergency defense area, 4=delay-alarm defense area.

C: Installation Location: [1] help alarm, [2] fire alarm, [3] gas leak, [4] door lock alarm, [5] hall alarm, [6] window alarm, [7] balcony alarm, [8] perimeter alarm.

D: Type of siren: [0] sound-off, [1] sound-on

Illustration: set the defence zone 1 to 24 hours a day, fire alarm with sound.

6 0 → 1 → 3 → 2 → 1 → #

SMS Command: 8888601321#

■ Operating Siren

In the status of remote control programming, enter the address code [75]; in the operation of arm/disarm by remote control, select if the siren sounds or not by [0/1], then add [#] to confirm. [1]: sounds on; [0]: sound off; the factory default is [0], indicating that it doesn't emit a prompt tone.

Operations: 7 5 → A → #

Notes: "A" indicates if the siren emits a prompt when enabling and disarm by remote control: [0] sound on, [1] sound-off.

SMS Command: 8888751#

■ Custom the content of Zone Alarm Message

Custom SMS format: [Program password] + [9] + [1-6 zone] + # + [within 40 characters] + #

For example: Change the SMS that come from Zone 5 Alarm to : a thief in home quickly alarm

SMS content is : 888895#a thief in home quickly alarm#

After zone 5 alarm, the sending message will be "a thief in home quickly alarm".

Delete custom message: [9] + [1-6 zone] + #

SMS Command: 888891-6#

■ Clock Setting

In setup status, use keypad to input [32], then input the two digits [AA] of the present hour (24-hour system), the two digits [BB] of the present minute, and finally enter [#] to confirm. You will hear a long beep and a voice prompt "setting finished".

Operating method: [32]→[AA]→[BB]→[#]

AA indicates: the 2 digits of the present hour.

BB indicates: the 2 digits of the present minute.

For example: set the time as 3:35

Operating method: [32]→[93]→[35]→[#]

SMS Command: 8888320335#

■ Timing Setting

1. Timely Arm

In setup status, use keypad to input [33–35], then input the hour [AA] and minute [BB] of the time you want to set to arm, and finally input [#] to confirm. You will hear a long beep and a voice prompt "setting finished".

Operating method: [33]→[AA]→[BB]→[#]

XX indicates: the address code 33, 34, 35 of the timely arming

AA indicates: the hour of the setting time

BB indicates: the minute of the setting time

For example: set the arm time as 45' 10pm

Operating method: [33]→[22]→[45]→[#]

SMS Command: 8888332245#

2. Timely Disarm

In setup status, use keypad to input [36-38], then input the hour [AA] and minute [BB] of the time you want to set to disarm, and finally input [#] to confirm. You will hear a long beep and a voice prompt "setting finished".

Operating method: [XX]→[AA]→[BB]→[#]

XX indicates: the address code 36, 37, 38 of the timely disarming

AA indicates: the hour of the setting time

BB indicates: the minute of the setting time

For example: set the arm time as 55' 7pm

Operating method: [33]→[19]→[55]→[#]

SMS Command: 8888361955#

3. Timing Control

In setup status, use keypad to input [39], then input the number indicating turning on timely arm/disarm [1/0], and then input [#] to confirm. You will hear a long beep and a voice prompt "setting finished". The factory default is off.

Operating method: [39]→[0/1]→[#]

0: turn off the function of timely arm/disarm

1: turn on the function of timely arm/disarm

For example: turn on the function of timely arm/disarm

Operating method: [39]→[1]→[#]

SMS Command: 8888391#

4. Timely Open Appliance

In setup status, use keypad to input [45], then input the hour [BB] and minute [CC] of the time and finally input [#] to confirm. You will hear a long beep and a voice prompt "setting finished".

Operating method: [AA]→[BB]→[CC]→[#]

AA indicates: 45 means home appliance open address.

BB indicates: the hour of the setting time

CC indicates: the minute of the setting time

For example: turn on the 2nd home appliance at 3:35a.m.

Operating method: [45]→[03]→[35]→[#]

SMS Command: 8888450335#

5. Timely Close Appliance

In setup status, use keypad to input [46], then input the hour [BB] and minute [CC] of the time and finally input [#] to confirm. You will hear a long beep and a voice prompt "setting finished".

Operating method: [AA]→[BB]→[CC]→[#]

AA indicates: 46 means home appliance open address.

BB indicates: the hour of the setting time

CC indicates: the minute of the setting time

For example: turn off the 2nd home appliance at 23:35p.m.

Operating method: [46]→[23]→[35]→[#]


SMS Command: 8888462335#

8 Operation Instruction

■ Arm while outside

It means to guard all around your house while all are out; all the sensors of alerters are always working; when the sensor is triggered by door, fire, gas leak, etc., the alarm system will sound the alarm. After you have done

these operations, the indicator of [Arm] on the main unit is always on.

Remote Control Operations: press  on the remote control.

SMS Command: 12341#

■ Arm at Home

It means, for the safety, while somebody is at home, you need to enable the peripheral door, window, balcony and perimeter sensors of the alarm system for fear of triggering the indoor sensors, which may cause improper warning; then, you shall select Arm at Home, let just part of the sensors work and disable the other parts. Only if you have set arm at home, can it work normally and at that time the [Arm] indicator on the main unit is Slow flickering.

Remote Control Operations: press  on the remote control.

■ Disarm

It means to stop the alarm when the main unit sounds the alarm or make the alarm system in the status of non-warning. After disarm the guard, even if you trigger the sensor, the main unit would not sound alarm (excluding 24-hour defence zone and emergency button on the remote control) and the [Arm] indicator goes out.

Remote control operations: press  on the remote control.

SMS Command: 12342#

■ Emergency Alarm

Remote control operations: press  on the remote control.

■ Receiving Alarm by Phone

After the main unit sounds alarm, it will automatically dial the preset numbers (mobile phone number) in order. After the user answers, he or she will hear the alarm recording. Meanwhile, users can also do remote control on the alarming main unit by pressing the phone (mobile phone) keys:

[1] Key: set up defenses

[2] Key: cancel defenses.

[3] key: monitors the scene for 20 seconds; for continuing, press [3] again to monitor for another 20 seconds.

[4] key: ring alarms

[5] key: close arisen

[6] key: output 9-12V electric power

[7] key: close 9-12V output

[8] key: play records

[9] key: Open propaganda

[*] key: Close propaganda

[#] key: affirm and hang up

After receiving the alarm by phone, if the user just listens to the voice alarm and hangs up without any remote control, the main unit will continue to dial the next number until somebody answers it. If no body answers, after the main unit dials all the numbers for three times in turn, it will hang up automatically.

■ Remote Control

Dial the number associated to the alarm main unit by phone (mobile phone), and after one ringing cycle, you can hear a voice prompt "Please enter the password"; enter the password by phone keys (factory default of remote control password: 1234). If the password is correct, you will hear a prompt "Press ① for arm, ② for disarm, ③ for monitor".

The specific operations are shown as below:

- [1] Key: set up defenses
- [2] Key: cancel defenses.
- [3] key: monitors the scene for 20 seconds; for continuing, press [3] again to monitor for another 20 seconds.
- [4] key: ring alarms
- [5] key: close arisen
- [8] key: output 9-12V electric power
- [7] key: close 9-12V output
- [8] key: play records
- [9] key: Open propaganda
- [*] key: Close propaganda
- [#] key: affirm and hang up

■ Remote Control Programming

Dial the number associated to the alarm main unit by phone (mobile phone), and after one ringing cycle, you can hear a voice prompt "Please enter the password"; enter the password by phone keys (factory default of remote control password: 8888). If the password are correct, you will hear a long "beep" prompt tone; if it is wrong, you will hear a prompt "the password is invalid, please enter it again".

9 Maintenance

System Test

Although the alarm system is used everyday, periodical maintenance and test are required to assure that it can run stably, reliably and safely. Usually thorough test must be performed on the alarm main unit every three months. You'd better check the sensor once a month; if not permitted by conditions, you shall check it at least every three months.

Main Unit Test:

1. Check if it can enable/disable guard normally.
2. Check if it can normally dial the number for alarm.
3. Check if it can receive the signal from sensors normally or if the backup battery is normal.

Sensor Test:

1. Trigger a sensor manually to check if it can sound alarm normally.
2. Check the batteries of all the sensors to check if they are under voltage.
3. Check the emission of wireless sensors to see if it can communicate with the main unit normally.

■ Trouble Shooting

If any trouble, perform trouble shooting shown as below:

Always buzzing: Is the SIM card fit properly? Install again
Is the PIN code of SIM card set? Cancel it.

Power indicator always flickering: Is the network signal strong enough? Change place
The signal of Unicom card is weaker than that of China Mobile.

Alarm failure: Is the code normal or is code pairing finished successfully? Confirm the right code and perform code pairing again
Is the sensor under-voltage and is its transmitting distance not long enough? Replace battery

Dialing failure: Is the signal of China Mobile strong enough? Change place
Is there enough balance on the GSM card for call? Recharge it

Siren failure: Are the positive and negative poles of siren right or in fine contact? Check
Are the defence zone set to mute alarm? Reset

Voice disorder: have you made recording? Record again

Failure in setting by remote control: do you enter the correct setting password (factory default: 8888)?

Remote control failure: do you enter the correct remote control password (factory default: 1234)

■ Cautions

For any consult or maintenance service, please contact our professional engineers or service providers.

Please do not disassemble, repair and alter the products without permission, or it may cause accidents and faults.

Do not drop this product on the ground or on hard objects, as it may lead to massive impact to cause faults and damage.

Without approval and consent of relevant authorities, please do not set "999", "110" or the alarm phone number of police station for this main unit.

10 Standard Package

◆ Main Panel	1pcs
◆ Wireless Infrared Detector	1pcs
◆ Wireless Magnetic Door Detector	1pcs
◆ Remote Control	2pcs
◆ AC/DC Adaptor	1pcs
◆ Mini Siren	1pcs
◆ English User Manual	1pcs