


1. Basis composition

	Item	Product explanation	External
1	Main	Appliance that control all functions of Time24	
2	Keypad	Appliance that input all functions of Time24 by wireless	
3	PIR Sensor	Appliance that sense object that move shooting permanent domicile outer line and notify wireless to main frame	
4	Door Sensor	Appliance that sense that get closed with inquiry ten rims and notify wireless to main frame	
5	Siren	Appliance that inform situation by sound and light	
6	Adaptor	Appliance that supply entire in Time24 main frame	

2. Point to observe when establish

1. Install together main frame and telephone line, power and do not hide main frame front top portion Mike.
2. Install keypad according to user's use position on main entrance inside.
3. Is room that increase at PIR sensor. Establish in position that can sense invader's anticipation transfer path.

c ~~A~~ Caution(PIR sensor & Door sensor)

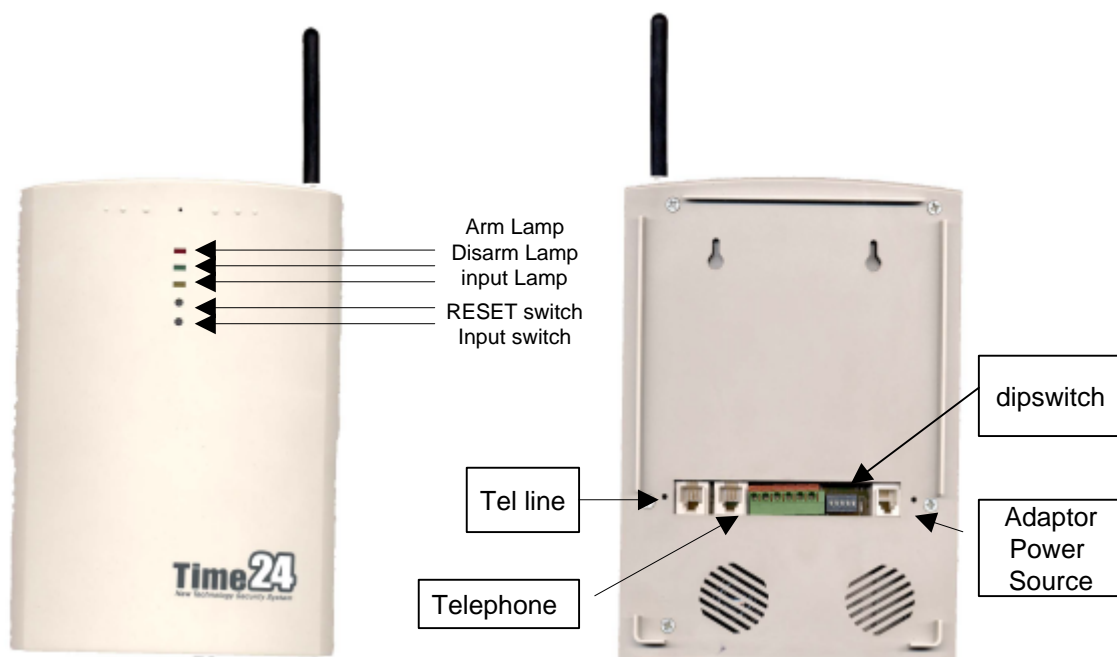
- (1) To see glass window outside for malfunction prevention at PIR Sensor, do not establish. Window establishes as do not look
- (2) If stove and air conditioner are operated or are windward from outside because window is unclosed, there is malfunction worry.
Put out stove and air conditioner and close window and prevent malfunction at TIME24's operation
- (3) User who breed pet establishes as pet does not enter in perception sphere at PIR sensor.

Example

- As is not sensed about 50 Cm in the floor, control PIR sensor.
 - When go out, move pet to place that there is no PIR sensor.
4. Establish, and do to face department of liberal arts do leader switch in fixed place and magnetic switch that visit on window, entrance at door sensor and establish by 20mm within.
 5. Siren establishes to conquer invader at the same time information on emergency outside so that outsider may look well from outside by purpose, establish in place that do not take rain.
 6. Because Time24 uses radio, area that electromagnetic waves are serious with computer, cordless, under high-tension wire keeps schedule distance

3. Product description

1. T_MAIN



Item	Description	Item	Description
Power Source	DC12V	Form	Tone / Pulse
Stand by Current	40mA	Frequency	447.3MHz
Operating Current	Siren OFF 100mA Siren ON 250mA	Sensitivity	-120dBm
Backup Battery	DC6V 700mA	Wire output	D/C 12V 50mA BELOW
Isolation Resistor	TEL.LINE 2M Ω \bar{I} OVER	Wire input	NO or NC Point of contact input
Storage Temperature	-20 ~ 80 degree	Power failure stand by	12 hours
Operating Temperature	0 ~ 60 degree	External (mm)	W146 X H210 X D30
Internal Siren	Sound power 110dB	Weight	433g

2. T_KEYPAD



Item	Description	Item	Description
Power Source	DC6V AA Battery 4ea	Operating Temperature	0 ~ 60 degree
Stand by Current	30 μ A	Frequency	447.3MHz
Operating Current	100mA	External (mm)	W160 X H110 X D33
Storage Temperature	-20 ~ 80 degree	Weight	433g

3. T_PIR

(1) User mode

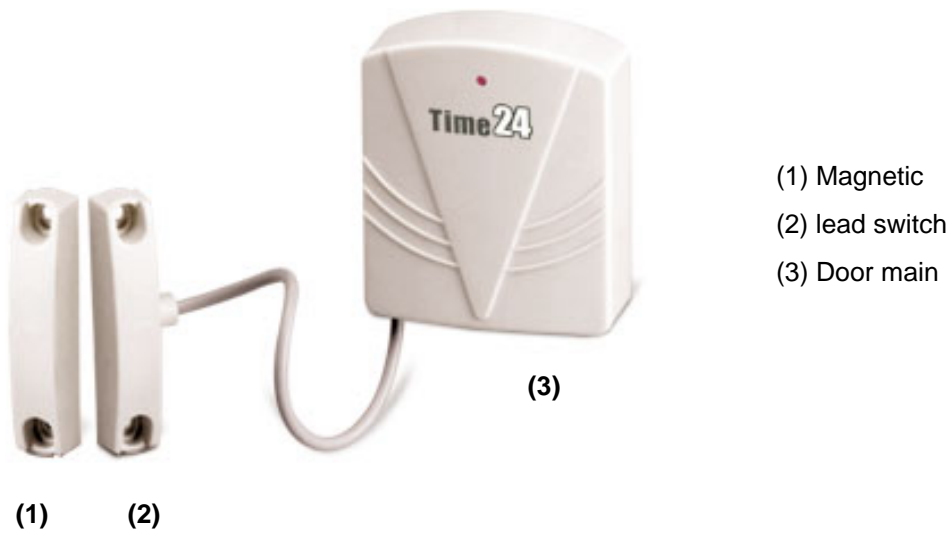
(2) OFF

(3) Test mode



Item	Description	Item	Description
Power Source	DC 4.5V AA Battery 3ea	Frequency	447.3MHz
Stand by Current	40 μ A	Storage Temperature	-20 ~ 80 degree
Operating Current	35mA	Operating Temperature	0 ~ 60 degree
Sensing Range	Up and down 45 degree Left and right 110 degree	External (mm)	W65 X H110 X D40
Sensing Detection	25 ~ 45 degree motion	Weight	120 g
Sensing Estimated Range	7 – 10 m		

4. T_DOOR



Item	Description	Item	Description
Power Source	DC4.5VAA battery 3ea	Frequency	447.3MHz
Stand by Current	15 μ A	Storage Temperature	-20 ~ 80 degree
Operating Current	35mA	Operating Temperature	0 ~ 60 degree
Sensing Method	magnetic / lead switch	External (mm)	W64 X H98 X D20
Sensing Range	20mm below	Weight	180g

5. Siren



Establish in position that can inform emergency situation on outside.

Item	Description	Item	Description
Power Source	DC12V	Sound power	120dB
Stand by Current	-	Storage temperature	-40 ~ 80 degree
Operating Current	250mA	Operating temperature	-10 ~ 60 degree
Lamp	Pilot lamp 2ea	External (mm)	W73 X H122 X D40
Sound Power	Piezo	Weight	108g

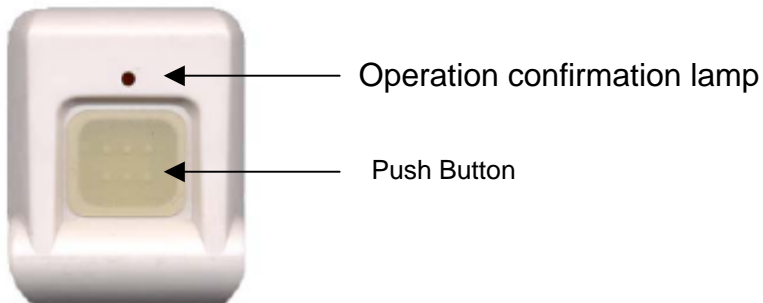
6. Adaptor

Connect in household (AC120V) power and insert on main frame backside.

Item	Description	Item	Description
Power Source	AC 120V	Maximum Current	500mA
Power Supply	12V	Storage Temperature	-40 ~ 80 degree
Input Current	10mA	Operating Temperature	-10 ~ 70 degree

7. Emergency Button

Emergency button is function that inform situation by emergency contact when crisis situation happens with emergency patient occurrence and outsider invasion in Time24 establishment place.



Item	Description
Power source	DC12V A23
Stand by current	-
Operating current	35mA
Frequency	447.3MHz
Operating temperature	0 ~ 60 degree
External	W33 X H45 X D12
Weight	21.5g

4. INPUT METHOD

	No	Keypad	ARS ment	Remark
Contact input method at invader occurrence	1	MOD + * + 3 + 1 + SET + 1 telephone number input + SET button push	inputed	
	2	MOD + * + 3 + 2 + SET + 2 telephone number input + SET button push	inputed	
	3	MOD + * + 3 + 3 + SET + 3 telephone number input + SET button push	inputed	
	4	MOD + * + 3 + 4 + SET + 4 telephone number input + SET button push	inputed	
	5	MOD + * + 3 + 5 + SET + 5 telephone number input + SET button push	inputed	
input method at emergency situation (At emergency button use)	1	MOD + * + 3 + 6 + SET + 1 telephone number input + SET button push	inputed	
	2	MOD + * + 3 + 7 + SET + 2 telephone number input + SET button push	inputed	
Sensor input (PIR sensor or Door sensor)	1	MOD + * + 1 + 1 + SET + 1 sensor on	inputed	
	2	MOD + * + 1 + 2 + SET + 2 sensor on	inputed	
	3	MOD + * + 1 + 3 + SET + 3 sensor on	inputed	
	4	MOD + * + 1 + 4 + SET + 4 sensor on	inputed	
	5	MOD + * + 1 + 5 + SET + 5 sensor on	inputed	
	6	MOD + * + 1 + 6 + SET + 6 sensor on	inputed	
	7	MOD + * + 1 + 7 + SET + 7 sensor on	inputed	
	8	MOD + * + 1 + 8 + SET + 8 sensor on	inputed	
Emergency button input method	1	MOD + * + 0 + 1 + SET 1 Emergency push	inputed	
	2	MOD + * + 0 + 2 + SET 2 Emergency push	inputed	
	3	MOD + * + 0 + 3 + SET 3 Emergency push	inputed	
Password (keypad) Register	1	MOD + # + 2 + SET +password input + set button push	inputed	
Password (main) Register	2	MOD + * + 2 + SET +password input + set button push	inputed	
Voice record	1	MOD + * + 4 + set button push	inputed	
Voice playback	1	MOD + * + 5 + set button push	inputed	
Delay time appointment	1	MOD + * + 3 + 8 + SET + 01-99 + SET	inputed	Arm / Disarm
Main register	1	MOD + * + 0 + 0 + Press input button of main frame + set button push	inputed	

5. FCC Requirement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interface, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.