SAVERCALL

Model : Savercall-1000

User Manual

Hyun Joung System Co., Ltd.

IMPORTANT – PLEASE READ THIS SECTION FIRST

Savercall-1000 is a Do-It-Yourself Wireless Security System designed to help users protect themselves, their loved ones, and their property and personal possessions. Please read through the important information below before getting started with *Savercall-1000*

- Carefully follow the instructions in this manual when installing, setting up and programming *Savercall-1000*

- Take special notice of any specified notes, bullet points, and so on throughout this manual

- Please take the following precautionary measures while handling and situating the *Savercall-1000* system:

    1. Keep *Savercall-1000* away from water or damp areas
    2. Do not install *Savercall-1000* in direct sunlight or near extreme heat
    3. Do not install *Savercall-1000*near strong electrical current or magnetic force
    4. Avoid dropping *Savercall-1000* or placing it in an area with strong vibration
    5. Do not disassemble the product – Doing so will void the Warranty

- To better understand Savercall-1000 and its performance capabilities, users should test the entire system at least once a week

- *Savercall-1000* is considered a "Local Alarm" in most states and regions, which may qualify for certain discounts on Homeowner's Insurance. Please ask your insurance company or authorized insurance agent for more details.

Hyun Joung Systems Co., Ltd. is a company focused on ensuring our customers the fullest level of satisfaction. If you have any comments, questions or concerns regarding this or any other our product, please feel free to contact us at:

Or visit our website at: **www.hjsys.co.kr**

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 interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CONTENTS

Savercall-1000 Features & Benefits

Feature	Benefit
Do-It-Yourself Wireless System	• FM frequency : Up to 2,500 ft. range covers entire house, apartment, small business, etc. • No hard-wired installation necessary • Practically effortless screw-in or double-sided tape mounting
LCD display, Easy Setup & Operation	• Simple programming & operation • Very user-friendly • All setup & programming options are Password-protected
Remote Control	• Allows easy arming, disarming & emergency calls directly from remote controller
"Away" & "At-Home" Security Modes	• Various programming & arming options for "Away" or "At-Home" security
Arming Delays with Countdown	• Allows users time to exit or SET/WAIT alarmed zone • Countdown notifies amount of time before arming
Loud Siren	• Immediately deters intruders • Alerts users, neighbors & others of an Alarm Activation
Auto-Dialer	• Automatically calls up to five specified phone numbers upon alarm activation & plays pre-recorded voice message • Voice-prompts for responses • Cannot be fooled by busy signals, answering machines or voicemail • Can call out & notify any telephone, cellular phone or pager of an Alarm Activation
Remote Operation via Telephone	• Call in to arm, disarm & program system from anywhere in the world • Immediately respond to an Alarm Notification Call

Feature	Benefit
Integrated Speakerphone	• Allows for 1-way voice communication • Monitor situation or speak directly to an intruder
1-button Emergency Call	• Make on-site emergency calls directly from remote controller • Call out to emergency personnel during on-site panic or crisis situations
Entry Chimes during Alarm OFF mode	• Signals whenever door/window is opened during Alarm OFF mode
Rechargeable Backup Battery	• Backs up Controller unit in the event of a power outage
Long-Life Sensor Batteries	• Door Sensors & remote controller contain replaceable necklace-type, long-life batteries • One battery may last up to several years • LED lights & main Controller Notify users of any low-battery situation
Memory Chip Stores All Programmed Data	• Retains programmed settings for all User Functions, even during power outages
Completely Expandable & Customizable to User's Needs	• Expandable to an unlimited amount of Sensors/Transmitters including optional Door Sensors, Motion Detector, and more (Up to 6 can be "labeled" for notification, but unlimited amount can be added)
Tech Support Line	• Help-line for setup, programming, additional & optional accessories, warranty, etc.
One Year Warranty	• Covers factory defects on Controller unit & all parts (except batteries) for one full year
Extra Features	• Wallet-card User Guides • Burglar-deterrent Window Decals

Examples of How *Savercall-1000* Works

Burglary Example

1) An intruder triggers a Door Sensor or Motion Detector and activates *Savercall-1000*

2) The Loud Siren sounds, signaling an Alarm Activation

3) *Savercall-1000* immediately dials the first programmed phone number

4) When answered, *Savercall-1000* will momentarily silence the Loud Siren while playing the pre-recorded Alarm Notification message (2 times), then Voice-Prompt the call recipient to respond while Voice-Guiding through the response options*

   - If there is a response, *Savercall-1000* will act depending upon the Call Recipient's option choice(s)
   - If a phone number is busy, or if there is no touch-tone response (DTMF signal) from a Call Recipient (= there is no response in 2times of voice guidance), *Savercall-1000*will try calling the next phone number and it'll round 2 times, maximum.
   - This will repeat until a user responds, or until the last programmed phone number has been called

Emergency Call Example

1) A panic or crisis situation happens within wireless range of *Savercall-1000*

2) The user presses and holds the red **SOS** button on the Keychain Remote or main controller.

3) *Savercall-1000* immediately dials the last programmed phone number (911, etc.)

4) When answered, *Savercall-1000* will play the pre-recorded Alarm Notification message (2 times), then Voice-Prompt the call recipient to respond while Voice-Guiding through the response options* (If busy or no answer, see details above)

*Call recipient's response options during an Alarm Notification Call

1) Talk to the arming side
2) Wiretap (listen in)   8) Hang up & dial next number
3) Set Alarm OFF mode   9) Have Controller stop dialing
                                                      0) Hear voice guidance repeatedly

Main Components & Optional Accessories

| Main Components*	Optional Accessories
Main Unit	Remote Controller
Remote Controller	Door Sensor
Door Sensors	Motion Detector
Motion Detector	Fire Sensor
Loud Siren	Remote Controller(Necklace Type)
A/C Adaptor (AC120v 60Hz DC9V 500mA)	Loud Siren with Strobe
Rechargeable Backup Battery	A/C Adaptor (AC120v 60Hz DC9V 500mA)
(8.4V 300mA)	Rechargeable Backup Battery
Telephone Line	(8.4V 300mA)
	Telephone Line
*Refer to Package Contents label on box for exact list of main components. Alternate components may be included.	

Installation & Setup

All sensors are wireless. This enables users to simply mount the sensors with minimal effort, utilizing the included screws or double-sided tape.

Door Sensor Installation

Mount each Door Sensor utilizing the included screws or double-sided tape. Please follow the diagram and details listed below:

Stretch out cord for best reception

Door/Window Contacts

1cm ~ 3cm gap (0.4inch ~ 1.2inch)

Shim(s) are only required to meet the height of 2 Contacts
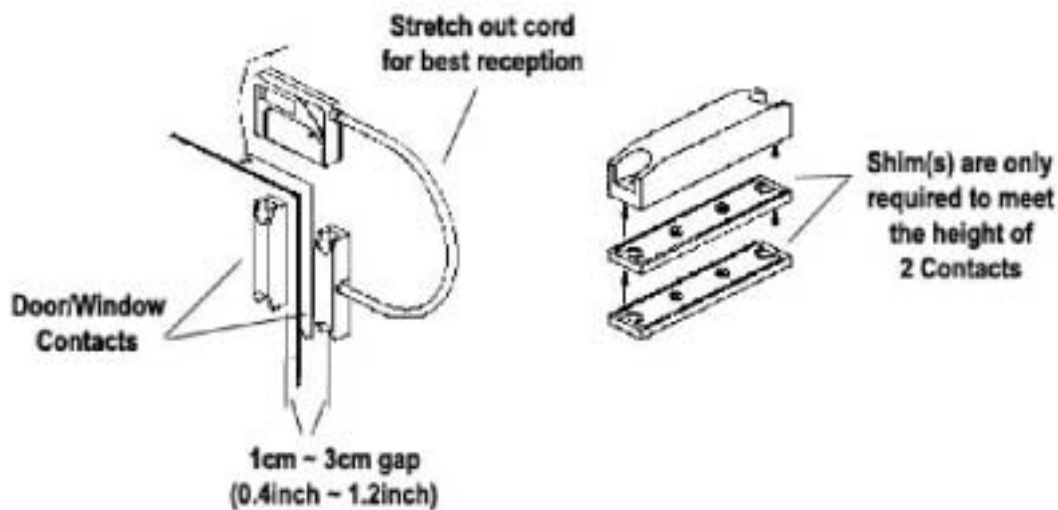
- You will need one Contact with Transceiver, one plain Contact, Shims (for spacers if necessary), and the included screws or double-sided tape for each Door Sensor setup
- Contacts should have a gap between 0.4 inch ~ 1.2 inch
- Use the included shims if necessary to match the height of two contacts
- Stretch out cord for best reception
- Make sure that LED lights up when door/window is opened
- If LED does not light up, change the battery with: Alkaline A23, 12v

Motion Detector Installation

Mount the Motion Detector utilizing the included mount and screws. Please follow the diagram and details listed below:
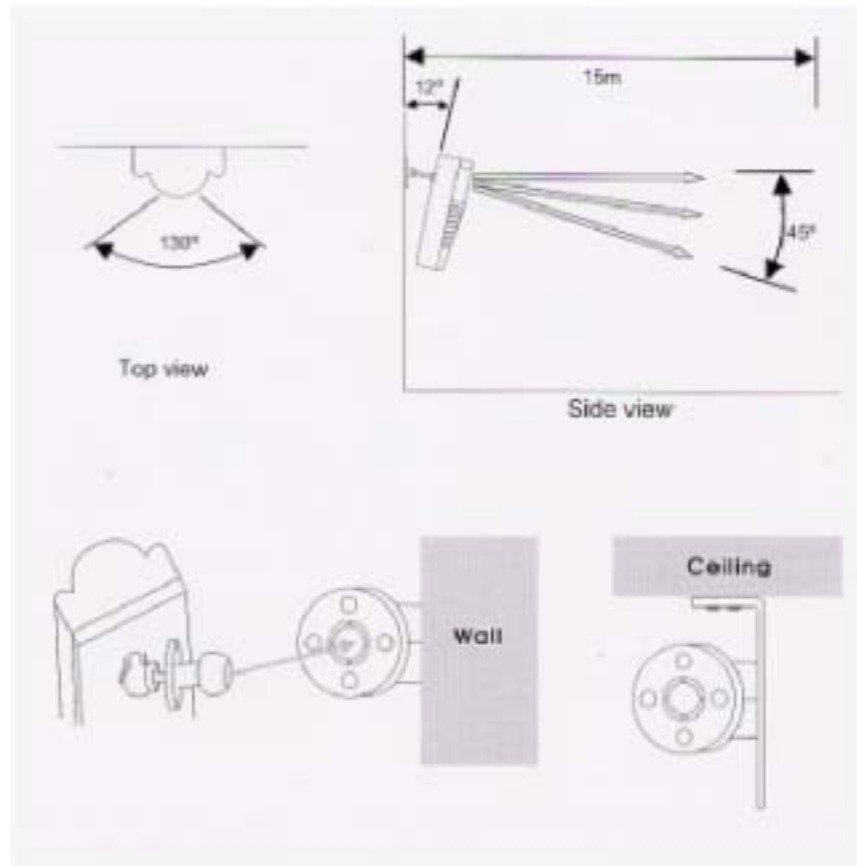
- Place the Motion Detector on a wall or desired location (pole, etc.)
- Tilt the Motion Detector slightly downward, approximately a 12° angle
- The detection range covers about a 100° angle horizontally
- The detection distance is approximately 50-ft.
- The Motion Detector and the Controller let users know when to replace the batteries. When battery is low:
    - Buzzer sounds on Motion Detector
    - Controller gives a voice message, "Motion Detector number one, the battery is low."
- Open the lid and replace all batteries when necessary with: AA

Controller Installation

Follow the step-by-step instructions below in accordance with the diagram.

1) Connect one end of the included telephone line into a telephone jack on the wall, and the other side into the "LINE" port on the Controller
2) Insert the Siren jack into the "SIREN" port
3) Connect the A/C adaptor jack to the Controller power port, then plug the A/C adaptor into an electrical outlet

- **When using in multi-floor environment, ALWAYS set up Controller on ground floor**
- **Make sure antenna is FULLY EXTENDED for best reception**

Mode	LED Status
Setting Mode	Blinking Green
Alarm OFF (User's Mode)	Green
Alarm ON	Red
Alarm ON except Motion Detector	Orange

Programming Guide

Initial Setup

To SET/WAIT into the programming "Setting Mode" for the first time, follow the steps below:

1) Plug in A/C Adaptor to main controller
2) Turn on the main controller power
3) Within approximately 2 seconds press **SOS** then you will enter setup mode
4) You will hear: "This is a setting mode."
5) The LED on Controller will flash GREEN
6) Follow the Programming Guide in the table below

*Note: If you wait too long after power up, you will have to re-power up, and follow the instructions above.

* Note: The password factory default is 4 digit zero(0000).

Programming User Functions

To program all User Functions, follow the Programming Guide in the table below. You can pass any programming options that do not apply to your particular situation.

Note: To go to previous/next setup items press "Left"/"Right" Arrow key.

Note: All programmed data is stored on a Memory Chip, and programmed settings will be retained, even during power outages.

Note: Whenever you want to finish set-up process, press **SET/WAIT** key anywhere.

FUNCTION NUMBER	DESCRIPTIONS
0	**Input password** You can input a password composed of 4 to 8 numeric digit. Press "Do" button to clear and filled with 4 digit zero. * The password factory default is 4 zero(0000).
1	**Input 1st Phone Number** Press ALARM to insert pause(about 1.2 Second) Press "Do" button to erase typed number *Maximum phone number is 16 digits.
2	**Input 2nd Phone Number**

	Same as above instructions
3	**Input 3rd Phone Number** Same as above instructions
4	**Input 4th Phone Number** Same as above instructions
5	**Input 5th Phone Number** Same as above instructions
6	**Leave User Message** Press "SOS" button down while recording your voice and then up if finished. Maximum recordable time is 15 seconds. Press "Do" button to play/stop recorded voice to confirm.
7	**Sensor(Remote Con.) Registration/Remove** Please activate any sensors (Remote Con., Motion detector, Door Sensor and so on) one by one to register. If you want to remove registered sensors, Press registration number then "Do" button within 2 seconds. If you want to change sensors attribute to exceptional sensor in "Alarm On Mode Except Motion Detector", press "*" key. Or press "#" key to reverse. *Sensor registration number is automatically increased by 1 to 10 max.
8	**Set Arming Delay** (Silent Activation delay while exit the alarmed zone) 0 to 99 seconds Press "Do" button to clear to zero
9	**Set Calling Delay** (Silent Activation delay while enter the alarmed zone) 0 to 99 seconds Press "Do" button to clear to zero
A	**Select Calling Method** Toggle Tone/Pulse by press "Do" button
B	**Set Chime Bell Sound** Press "Do" button to select preset function. Sound chime bells when door or window is opened or when motion detector activated during Disarming mode. Selectable preset value is below. **Disable/Door/Motion/Door & Motion**
C	**Select Siren Working Time** Press "Do" button to select preset value below. **0[sec](user action required)** **/15[sec]/30[sec]/1[min]/3[min]/5[min]/10[min]/30[min]**

[User Guide]

1. To Enter Alarm ON mode

- By Keychain Remote – Press the yellow **Alarm** button

- By Keypad on the Controller – Press **(Password)** + **Alarm**

- Remotely by Telephone – Press **(Password)** + **5**

Details:

- You will hear: "This is Alarm ON mode !"
- Controller begins counting down before armed
- LED on Controller lights RED

2. To Enter Alarm ON mode except Motion Detector

- By Keychain Remote – Press the yellow **Alarm** button in Alarm On mode.

- By Keypad on the controller – Press **(Password)** + **Semi ARM**

- Remotely by Telephone – Press **(Password)** + **6**

Details:
- You will hear: "This is an Alarm ON mode except motion detector !"
- Controller begins counting down before armed
- LED on Controller lights ORANGE

3. To Enter Wait(=Al arm OFF) mode

- By Remote Controller – Press the green **OFF** button

- By Keypad on the Controller – press **(Password)** + **SET/WAIT**

- *Remotely by Telephone – Press **(Password)** + **4**

Details:
- You will hear: "This is WAIT mode !"
- Controller disarms
- LED on Controller lights GREEN

4. To Enter Control Mode Remotely by Telephone

1) If there is no response until 15 ringer sounds in Alarm off mode(10 ringer sounds in Alarm on mode), you'll enter Remote control mode.

2) When *Savercall-1000* answers, you will hear: "Please input password."

3) Press **(Password)**

4) Follow the Voice-Guided instructions

5. To Call Emergency Ring

- By Keychain Remote – Press and hold the red **SOS** button for 3 seconds

- By Keypad on the Controller – Press and hold the red **SOS** button for 3 seconds.

Details:
- Loud Siren immediately sounds
- Controller automatically dials the 5th programmed phone number (ex: 911, Fire, Police, etc.), plays the Alarm Notification message and voice-prompts for a response
- User must be within wireless signal range of Controller

7. Receiving & Responding To an Alarm Notification Call

During an Alarm Notification Call, the receiver will first hear the Alarm Notification Message, the second is which sensor/detector activated the alarm, and then they will be Voice-Guided to respond to the options in the table bellows and it will rounds twice.

- If there is a response, *Savercall-1000* will act depending upon receiver's option choice(s)
- If a phone number is busy, or if there is no touch-tone response (DTMF signal) from a receiver (= there is no response in 2times of voice guidance), *SAVERcall-1000* will try calling the next phone number and it'll rounds 2 times maximum.
- This will repeat until a user responds, or until the last programmed phone number has been called

User Function	Voice Guide	Press
Converse via 1-way speakerphone	"To talk to the arming side, no. 1"	1
Listen only, mute speakerphone at the alarmed zone	"To wiretap, no. 2."	2
Want to start Siren alarm	"To start Siren, no. 3."	3
Turn Alarm OFF	"To enter the Alarm OFF mode, no. 4."	4
Turn Alarm ON	"To enter the Alarm ON mode, no. 5."	5
Turn Alarm On except Motion Detector	"To enter the Alarm ON mode except Motion Detector, no. 6."	6
Have Controller hang up & dial the next programmed phone number	"To hang up and dial the next, no. 8."	8
Have Controller stop dialing the programmed phone numbers	"To stop dialing, no. 9."	9
Hear Voice guidance again	"To hear repeatedly, press no. 0."	0

Trouble Shooting (Q & A)

Q : If you forgot password...
A : You can enter power-on setup mode by pressing "SOS" button within approximately 2 seconds after power on.

Q: There is no automatic call service after main unit receive a signal from sensors or Emergency call
A : Check whether telephone number is programmed well or not.
　　Please review page no. 10 for telephone number programming.

Q : Don't want to use Motion Detector during somebody is in.
A : You can use Motion Detector bypass function as following operation :
　　Press green button on remote controller in Alarm on mode
　　Or press **(password)** + Semi-Arm on main controller
　　You'll hear "This is Alarm On mode except Motion Detector"

Q : Main controller can use with auto answering machine together ?
A : Do not use answering machine together.
　　If there is a emergency situation, main controller has to make a call to programmed 5 places, but answering machine can catch the line.

Q : Add sensors or remote controller
A : Please make a call to purchasing store

Technical Support, Customer Care & Sales

Technical Support

If you need Technical Support regarding installation, programming or using the *SAVERCALL-1000* system, please feel free to contact our Technical Support Line at:

Phone : (82-2)861-5333
Email : emark@hjsys.co.kr

Customer Care

If you would like to contact Customer Care with general questions, comments or concerns regarding *Savercall-1000* or any other Hyun Joung Systems' product, please feel free to write to our Customer Care Department at:

Attn: CUSTOMER CARE
Hyun Joung System Co., Ltd.
Seoul, Korea
Email : emark@hjsys.co.kr

Sales

If you need Additional or Optional Accessories for *Savercall-1000*, please feel free to contact our Sales Department at:

Phone : (82-2) 861-5333
Email : emark@hjsys.co.kr

General Information Regarding Savercall-1000

For general information, please feel free to visit our website at:

www.hjsys.co.kr

We at Hyun Joung System co., Ltd. would like to thank you for your patronage, and we look forward to your ongoing support.

Warranty Information

The following product is covered by the Manufacturer's Warranty for a period of one (1) year from the purchase date. All terms and conditions of this warranty are stated within. The purchaser must register (by following the instructions on the attached Warranty Registration Form) within 60 days of the purchase date to qualify for warranty coverage.

Product: **_Savercall-1000, Do-It-Yourself Wireless Security System_**

Covered by Warranty	Not covered by Warranty
• Factory defects • Product malfunction *All parts and labor are covered under the conditions of this Warranty. Parts that become obsolete will be kept in manufacturer's stock for up to three years. Manufacturer reserves the right to replace any part with equal or better quality as deemed necessary.	• Batteries • Damage or malfunction due to customer abuse or negligence • Defects from repair or assembly by an unauthorized service company or individual • Defects from the use of non-OEM, after-market parts or accessories • Defects from natural disasters, including but not limited to: fire; earthquake; flood; lightning, etc.

NOTE: The Manufacturer shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss, whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function.

Warranty claims, repairs and exchanges

Please submit all Warranty claims/requests in a letter to the address listed below, along with any defective merchandise. Please include the following information:

1) Your name, address and phone number
2) The product name and model number
3) The part name or part number being returned
4) A description of the defect/malfunction

Attn: WARRANTY CLAIM CSET/WAIT
Hyun Joung System Co., Ltd.

Warranty Registration Form   Product: _Savercall-1000_

Hyun Joung System Co., Ltd. now offers two easy ways to register your product under Warranty:

1) Register online at www.hjsys.co.kr (Just click on the Warranty Registration Form, fill it out and submit it), **or**
2) Fill out this Warranty Registration Form and send e-mail us : emark@hjsys.co.kr

Name:_____   **Purchase Date:**_____

Address:_____

City:_____   State:_____   Zip:_____