

## KP-3S Two-way Wireless X-Keypad

### INTRODUCTION

The KP-3S is not only a multi-user wireless keypad to control the operation of LS-30, but also a remote controller to switch on/off the lights or appliances to provide you with home automation conveniences. It can control not only the device operation individually but also multiple devices/operations by a one-touch scene command, according to the scene settings in the Base Unit. With its backlight feature, a user can operate it in a totally dark environment (together with its 9 sets of 4-digit passwords) and can prevent unauthorized use and identify the user who controls the operation of the Base Unit. Each command will be acknowledged by the Base Unit in order to ensure the performance of the system.

**Note:** This X-Keypad works with the LS-30 Base Unit software version V.05.xx or later

### FEATURES

- Two-way radio.  
Each command will be echoed by the Base Unit.  
Two short beeps (bi, bi) means the command was accepted.  
One long beep (bi-----) means no valid echo was received.
- 9 user passwords (4-digit).  
Password 1: Master password. (default: 0000)  
Password 2-8: User password.  
Password 9: Latchkey password. (Using this password to Away/Disarm the system the Latchkey Telephone number will be dialed and announce Latchkey Away/Disarm message.)
- Individual operation and switch control.  
Directly control the Base Unit main zone operation and 8 switches.
- Duress code operation to inform CMS silently.  
In hold-up situation, if the user is forced to operate the system, after entering the duress code (default: 8862) with any Arm/Disarm command, a duress event will be sent to the CMS calling for emergency help.
- Request for system operation status.  
Press the "?" key then the Base Unit will return the system operation status and show the status on the LEDs.
- One-touch scene control for switch and operation.  
(Refer to the HyperSecureLink software, Scheduling/Switch Scene and \Operation Scene)  
8 operation scenes: Away/ Disarm control of the Main zone and partial zones from 91-99.  
8 switch scenes: On/Off control of 15 switches
- Invalid key entries protection.  
The keypad will lock itself for 3 minutes if 20 consecutive invalid key strokes are detected and tamper signal will be issued.
- Tamper detection.  
2 tamper detectors (optional), one for the removal from the bracket (can be disabled) the other for the opening of the battery cover.
- Low Battery Detection.  
When weak battery is detected, the backlit LED will flash with every keystroke and a low battery signal will be sent to the Base unit every 24 hours.  
**Note:** Since the tampering signal will be emitted when you open the battery hatch, you better disable the Tamper Siren function (Installer\Set Siren\Set Tamper Siren In Disarm) on LS-30 before changing batteries to avoid the siren activated.
- 7 degrees of slant angle bracket installation makes operation much easier.

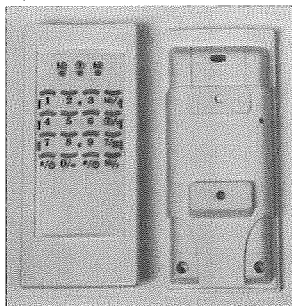
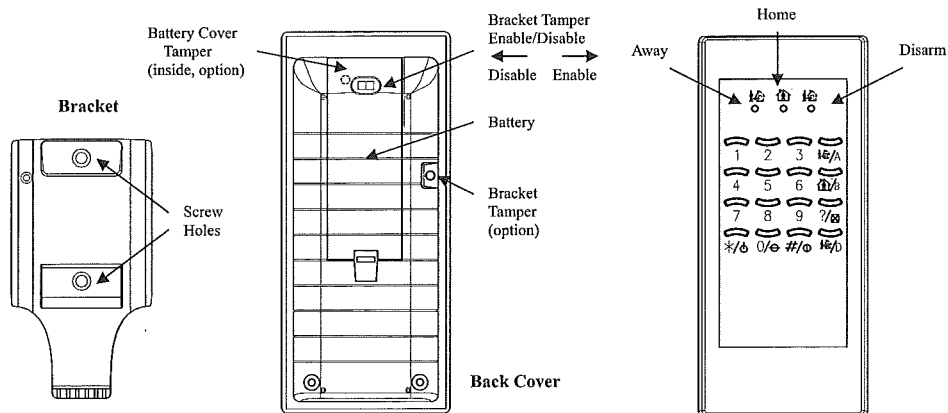
### INSTALLATION

KP-3S can be wall mounted near the entrance or carried around by users as a remote controller at home.

**Wall Mounting:** *Note: Your wireless keypad should be mounted out of the reach of children.*

- Choose a convenient location like on the doorjamb or on the wall adjacent to the door.
- Using the bracket as a template, mark the holes on the wall by a pencil. Drill 3/16 inch (4.7mm) pilot holes 1 inch deep for the screws. Fix the bracket with the screws.

**Note:** For the wall mounting, you can enable the tamper (optional) protection function. Once the Keypad is taken away from the bracket then a tamper signal will be passed to the Base Unit.



### INITIAL SETUP

#### Important Notice: Keypad Zone Number assignment

This Keypad only can be enrolled in the **Zone number as 8x-00 (81-00 to 89-00 Main zone control) or 9x-00 (91-99 partial zone control) in the Base Unit**. If the Zone number is not assigned to 8x-00 or 9x-00 then the Zone number in the Event Log and Device Status may not be correct.

If the enrolling process is done by using the Base Unit keyboard then the Zone number should be set as 8x-00 or 9x-00 from the keyboard at \Enter Zone No.: \Installer Mode\Set Device\Enroll Device\Controller Enroll\Enter Zone No.

If the enrolling process is done by using the HyperSecureLink software from a PC then the Zone number should be changed to 8x-00 or 9x-00 after the Keypad has been learnt.

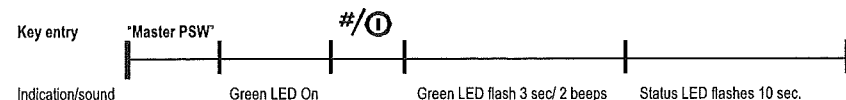
The following Zone Numbers will be assigned automatically in the Event Log and Device Status:

8x-00, 9x-00 = Events like Quick Away, Panic, Duress and Keypad status like tamper, battery low, reset.

8x-01, 9x-01 = Master.

8x-02 ~ 8x-09, 9x-02~9x-09 = User 2~User 9 (user 9 is the Latchkey user).

**Register to the Base Unit** (The Base Unit should be set in Controller Enroll state first):



**Note:** The Keypad zone number should be set as 8x-00 or 9x-00.

After registration, the user can change the device settings and Zone number in the Base Unit but the Latchkey function will become useless, because the Latchkey user is permanently assigned to user number 9.

### PASSWORD MANAGEMENT

*The Installer should teach users how to change the password, so they can change it when necessary.*

#### Set/Chang Password:



n= 1, Master Password (default "0000")

n= 2~9, User Password (Number 9 is also for latchkey user)

n= \*, Duress Code (default 8862)

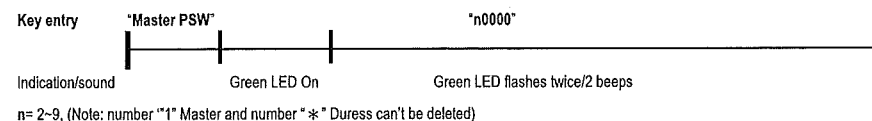
(If the new password existed already then the Keypad will escape with a long beep.)

xxxx= New password.

#### What is Duress Code?

This code is used to notify the CMS (Central Monitoring Station) that an emergency event has occurred and requires immediate assistance. **When using this code to set the operation mode, the system will send duress event to the CMS immediately.** This function is especially useful if there is an intruder in the house or business and you do not want to alert him/her to the fact that you have contacted the center already.

#### Delete Password:

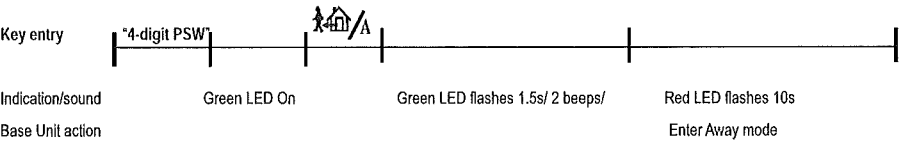


n= 2~9, (Note: number "1" Master and number "\*" Duress can't be deleted)

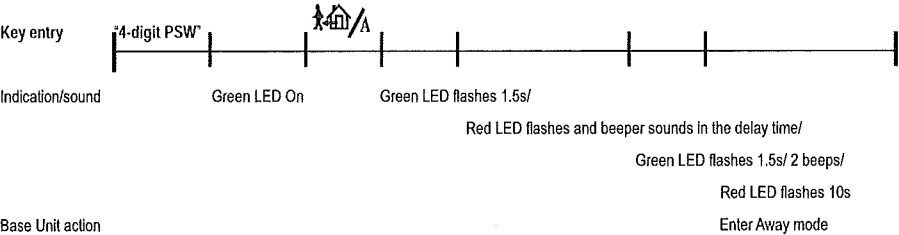
OPERATION CONTROL

Before using KP-3S to control the system remotely, you have to program a proper Exit/Entry Delay Time on the Base Unit.

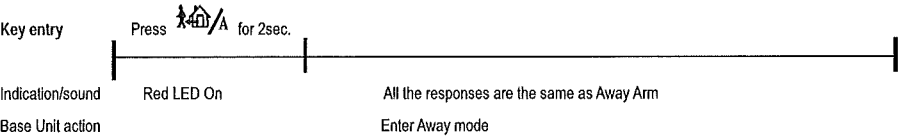
Away Arm (no exit delay):



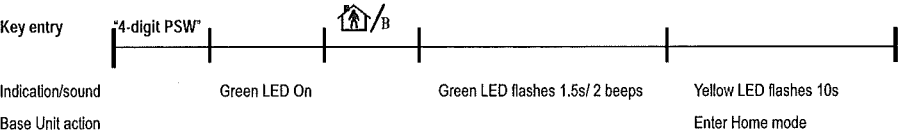
Away Arm (with exit delay):



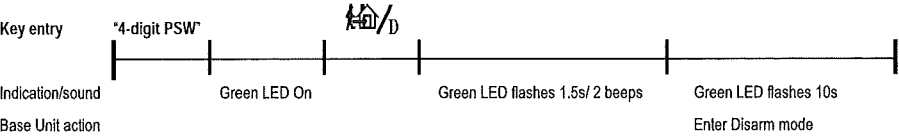
Quick Away Arm:



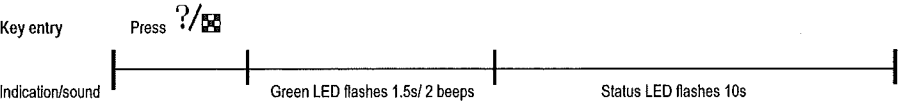
Home Arm:



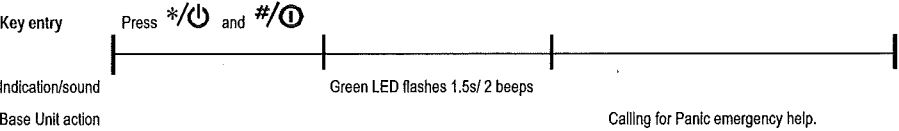
Disarm:



Status Check:

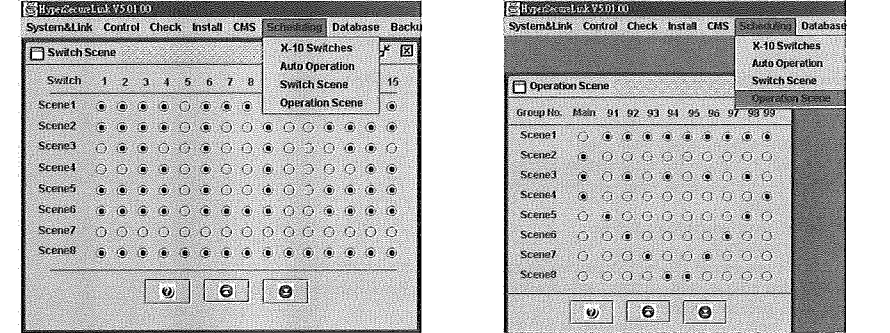


Panic Alarm Report:



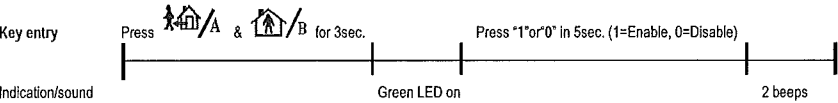
What is Scene Control?

Scene Control means that you can control multiple switches or operations with one command. Usually this feature only can be found in systems costing tens of thousands of dollars and requiring extensive rewiring of your home. With LifeSOS systems, the user can set scenes on the Base Unit from a PC by the HyperSecureLink software then control or switch scenes from the Keypad. No wiring is necessary due to LifeSOS being a wireless system.

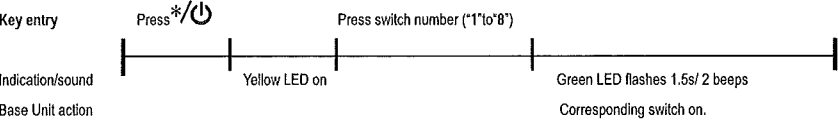


Switch & Scene Control Enable/ Disable: (Below functions are only effective for the Keypad with Zone number 8x-00)

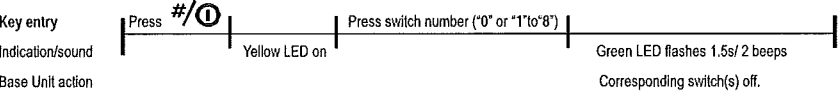
Before using the Switch & Scene Control, this function must be enabled and the scenes on the Base Unit must be set first.



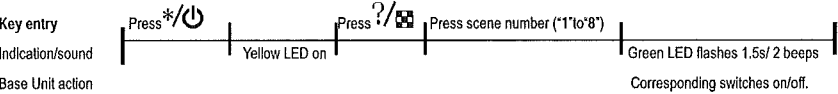
Individual Switch On:



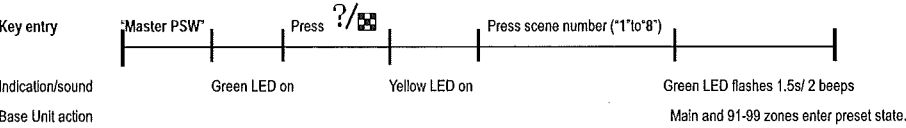
Individual (All) Switch Off (number 0 is all Off):



Switch Scene Control:



Operation Scene Control:



SPECIFICATIONS

Power: two AAA alkaline batteries.  
Passwords: 10 sets, 4 digits.  
Current Drain: 10uA @standby, 30mA @ RF operation  
Estimated battery life: 2 years (@ operate 20 times/day)  
Radio: 2-way communication.  
Bracket slant angle: 7 degrees.  
Size: 65 x 28 x 15 mm (Not including the bracket)  
Weight (w/o battery): about 120g



## WARRANTY

The Manufacturer warrants its products (hereinafter referred to as the Product) to be in conformance with its own plans and specifications and to be free of defects in materials and workmanship under normal use and service for a period of twelve months from the date of shipment by the Manufacturer. The Manufacturer's obligations shall be limited within the warranty period. At its option, to repair or replace the Product or and part thereof. To exercise the warranty the Product must be returned to the Manufacturer freight prepaid and insured.

This warranty does not apply in the following cases: improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than the manufacturer.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express or implied, including any warranty of merchantability or fitness for a particular purpose, or otherwise. In no case shall the Manufacturer be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever, as aforesaid.

This warranty shall apply to the Product only. All Products, accessories or attachments of others used in conjunction with the Products, including batteries, shall be covered solely by their own warranty, if any. The Manufacturer shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Product due to Products, accessories, or attachments of others, including batteries, used in conjunction with the Products.

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.

**NOTE:** The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.

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.

