

1. Features and use:

- a. The SA-225 Repeater is designed to extend transmitting range of wireless signals, so as to expand detection coverage of your current Everspring HA-50 wireless security system without buying another control panel .
- b. It is compact sized, and can be installed in a hidden location, such as inside a wardrobe or a storeroom.
- c. Coverage : up to 50 meters.

Caution!

- a. Avoid fixing the unit near a motor, a transformer, RF emitting equipment such as a T. V., radio set, so as to eliminate interfere
- b. To be free from interference, the antenna (airiel), when used must be kept away from any metal objects or electrical products .

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A	✓	D	✓	EL	✓	L	✓	S	✓	FIN	✓	
B	✓	DK	✓	F	✓	NL	✓	S	✓	X	N	✓
CH	✓	E	✓	I	✓	P	✓	IRL	✓	X	UK	✓

433 MHz

CE0678 Ⓢ

2. Operation:

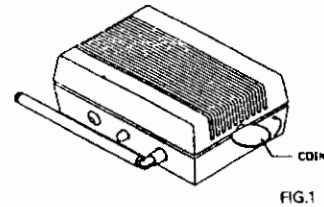
- a. Use the SA-225 with an adaptor, in case of power failure, a compartment for inserting a 9 V battery is provided inside the SA-225 (when fully charged , the battery can last up to 10 hours),
- b. When the SA-225 is connected to the AC mains power, the LED on the SA-225 will light up , however, due to the LED being only A compatible if the power supply is cut off the LED will not Light up even though the unit is still fully functional running off the DC re-chargeable battery, supplied.
- c. House code : The house code has a row of 8 DIP switches 1-8, you may select any combination of "ON " or "OFF" position as your own security (or private) code ; if you ever adjust this code , you must change all the codes on the control panel and the transmitter to the same code .

Note : Be sure to change the house code from the factory setting to avoid duplication of codes in the neighboring systems .

3. Installation:

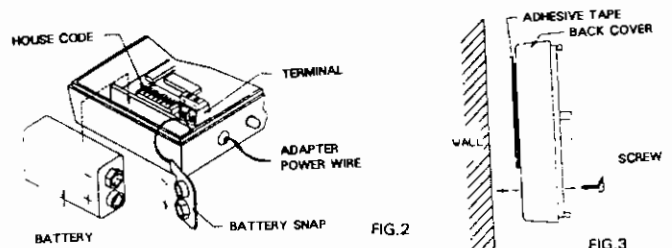
- a. Select a location near an AC power source. Preferably fix the SA-225 between the wireless control panel and sensor, so as to further extend the signals transmitted from the sensor. On connecting the unit to an AC power supply, its LED will light up this indicates AC power connection is properly completed .

- b. Uncover the unit with a coin (as in fig. 1) .



- c. Connect the power cable of the adaptor to terminals "+" and "-" Power Supply:DC 12V/100mA (as in fig. 2)
- d. Put a 9V rechargeable battery in the battery compartment. (as in fig. 2).

- e. The SA-225 can be placed in a hidden location, using screws or adhesive tapes provided, to fix it firmly. (as in fig. 3)
- f. Replace the cover after installation.



*NOTE:

It is recommended to have a 9V recharge battery installed inside the unit at a times to avoid power failures from disrupting your secured zones.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	REMEDY
L.E.D. does not light up	Adaptor not connected	Check adaptor and connecting wires. Replace with a new adaptor.
No relay function.	wrong house code settings.	Check if house code is set the same as those of control panel and other sensor units.

SPECIFICATIONS

Power Supply :	ADAPTOR DC 12 V /100 mA
Alternative power :	DC 9 v Rechargeable Battery
Operating Current :	DC 25 mA max .(From Adaptor) DC 10 mA max .(From Battery Supply)
Battery Chargeable Voltage :	9.2 V - 10.4 V
Operating Temperature :	-10 ° C to + 50 ° C
Repeater Time :	1 sec. + 0.5 sec.
Receiver Sensitivity :	-88 dBm (TYP)
Transmitting power:	-20 dBm (MIN.)

