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Communications

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SIGNATURE
SERIES

Sidekick II™

Receiver

Model # SK2-SS



Signature Series

Signature Series Sidekick II Receiver Model: SK2-SS 418MHz

SK2-SS INITIAL SETUP:

The Silent Call Model SK2-SS is packaged with the following items.

- 110VAC Power Adapter supplying 16 vdc@1.12amps
- SK2-SS Quick Start Manual
- SK2-SS Instruction Manual
- SK2-SS CD
- RJ11 Splitter
- 7 Ft Telephone cable

Inspect all items when removing from packaging for damage or misuse.

- Connect supplied power adapter to 110VAC outlet.
- Connect barrel power connector to power receptacle on back lower cover of SK2-SS.
- Optional Bed vibrator may also be connected at any time.
- Turn the power on by sliding the on/off switch on the back of the receiver to the “ON” position. The front panel display will show the time 11:59AM.

NOTE: THE SK2-SS HAS NO TRANSMITTER PROGRAM INSTALLED WHEN SHIPPED FROM FACTORY.

- The Receiver will need to be programmed to Silent Call transmitters at this time.
- Make sure that the transmitters to be programmed are near the Sidekick II Signature Series Receiver.
- Perform All Erase to ensure SK2-SS receiver is cleared. Turn Unit OFF, Press and Hold Minute Button, Turn Unit ON. Continue to Hold Minute button for a few seconds then release. 11:59AM is displayed as time. Reference All Erase Section Page 7.
- **Please Remember to program the smoke detectors first then fire transmitters, if used, before programming any other transmitters.**
- On the Sidekick II Signature Series Receiver, press and release the MODE button until the Yellow LED lights up and “PPP” is displayed on the LCD screen. This means you are now in program mode. May require cycling mode button a few times after an All Erase.
- Press the test button on the transmitter or smoke detector so that it sends a signal to the Sidekick II Signature Series Receiver. The receiver will flash its strobe, turn on the appropriate LED, and display the Icon for the transmitter that you used. Your transmitter is now programmed to work with your receiver.
- When programming more than one Smoke and/or fire transmitter combined. You **MUST** select different addresses in each unit for supervision to operate properly. Reference Programming Transmitter Section.

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SK2-SS INITIAL SETUP CONTINUED:

- Repeat selecting “PPP” mode for each Smoke/Fire Transmitter programmed. Cycle the Mode button no more than once a second. Cycle Mode button after programming to ensure unit is out of program Mode.
- You can now program your remaining transmitters. Only required to program one non-smoke/fire transmitter as long as remaining transmitters are set to the same address. We recommend keeping all of your non-emergency transmitters set to the same address to reduce interference from other Silent Call systems that may be in your area.
- After all transmitter programming is completed.
- Select Battery back-up to “ON”. An amber light will appear if the unit is in battery backup mode. I.E. Outlet power or Power adapter fails.
- Set clock time: press and release the mode button (the large button located at the lower right hand side on the unit). The orange led will light up to let you know that you are in “set clock time” mode.
- Press and release the minute button to set the minutes. Press and release the hour button to set the hour.
- When you are finished setting the minutes and hours, press and release the mode button three times to exit the setup mode.

NOTE: Any time you unplug your Sidekick II Signature Series receiver from the wall outlet or turn the power off, without the battery back-up switch on, the receiver will reset the clock to 11:59AM. The receiver will keep all programmed transmitters in memory when power is cycled.



REAR VIEW OF SK2-SS SIGNATURE SERIES RECEIVER.

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ALARM CLOCK FEATURE:

Setting Alarm Clock:

- Press and release the MODE button twice.
- The Green LED will light up indicating that you are in the “SET UP” mode. The display will show the present Alarm Clock Time setting.
- Press and release the MINUTES button to set minutes and press and release the HOURS button to set the hours.
- Once the Alarm Clock Time has been set, press the MODE button 2 times to exit the “SET UP” mode.

When your alarm is activated the LED strobe light and bell icon will flash and the bed vibrator (optional) will shake.

To turn the ALARM on or off, press and release the “Alarm Clock” button. When the alarm is turned ON the BELL ICON will appear on the screen.

LCD DISPLAY:

The LCD Display screen is back lighted. The back light brightness is automatically controlled by the light level in the room. When the room becomes dark, the back lighting comes on. When the room becomes light, the back lighting goes off.

LED STROBE:

The Sidekick II Signature Series has a solid state LED strobe board for visual alerting. The SK2-SS LED Strobe Intensity can be controlled by a switch located on the right side of the Unit. Select High, Medium, or Low for LED intensity desired.

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TELEPHONE DIRECT INTERFACE:

The Sidekick II Signature Series Receiver has the ability to plug directly into a standard telephone RJ-11 interface. Using the supplied telephone wire and RJ-11 splitter the SK2-SS will alert user to phone each time it rings.

Plug the dual connector into your phone wall outlet. Then plug the wire from your telephone into one side of the dual connector. Next, take the telephone wire that came with your Sidekick II Signature Series Receiver and plug it into the other side of the dual connector. Reference **FIGURE 1**. Plug the other end of that cable into the back of the Sidekick II Signature Series Receiver. Reference **FIGURE 2**.

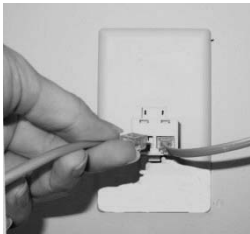


FIGURE 1











FIGURE 2

Signature Series Sidekick II Receiver Model: SK2-SS 418MHz

DISPLAY AND LED DESCRIPTION:

When the Sidekick II Signature Series Receiver detects an incoming signal from any of the Signature Series transmitters it will notify you by displaying the appropriate ICON and illuminating the appropriate LED. :

<u>Transmitter Type:</u>	<u>ICON:</u>	<u>Notification:</u>
Alarm Clock		Bell Icon, Strobe flashes, (Vibrator Optional)
Sound Monitor Transmitter (Vibrator Optional)		Sound Icon, Orange LED, Strobe flashes,
Telephone Transmitter (Vibrator Optional)		Phone Icon, Green LED, Strobe flashes,
Doorbell Transmitter (Vibrator Optional)		Door Icon, Yellow LED, Strobe flashes,
Door/Window Access Transmitter (Vibrator Optional)		Door Icon, Yellow LED, Strobe flashes,
TransMATter Transmitter (Vibrator Optional)		Door Icon, Yellow LED, Strobe flashes,
Weather Alert Transmitter (Vibrator Optional)		Weather Icon, 2nd Red LED, Strobe flashes,
Carbon Monoxide Transmitter (Vibrator Optional)	CO	CO Icon, 2nd Red LED, Strobe flashes,
Smoke or Fire Transmitter (Vibrator Optional)*		Fire Icon, 4th, 5th, or 6th Red LED, Strobe flashes

*See information on Supervision Mode for information on LED indicators.

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VIBRATOR DESCRIPTION:

If you are using the optional Bed Vibrator and your Sidekick II Signature Series Receiver detects an incoming signal from any of the Signature Series transmitters, along with the above Notifications, the bed vibrator will also pulse in a specific pattern for each transmitter.

Alarm Clock	Two Short Pulses and One Long Pulse	••—
Sound Monitor Transmitter	Three Short Pulses	•••
Telephone Transmitter	One long pulse	—
Doorbell Transmitter	Two Short Pulses	••
Door/Window Access Transmitter	Two Short Pulses	••
TransMATter Transmitter	Two Short Pulses	••
Weather Alert Transmitter	One Short Pulse and One Long Pulse	•—
Carbon Monoxide Transmitter	Three Short Pulses and One Long Pulse	•••—
Smoke or Fire Transmitter	Continuous Short Pulses	••••••••

TRANSMISSION RANGE:

Transmission range refers to the distance a Silent Call Transmitter can communicate with the Sidekick II Signature Series Receiver. Range is measured in an outdoor environment without obstructions from metal objects or buildings. The line of sight range for the Sidekick II Signature Series Receiver is up to 1000 feet. The actual range inside a building will vary depending on many factors outside of one's control.

CANCELLING AN INCOMING ALERT:

To cancel an alert, press and release the mode button.

ALL ERASE:

Provisions are made to erase all programmed transmitter addresses. The only time you would need to use the ALL ERASE feature is if you are receiving signals from another Silent Call System in your area. You would then do the ALL ERASE feature on your receiver and then re-program your transmitters to a different address.

The ALL ERASE function is performed as follows:

- Turn off the Sidekick II Signature Series Receiver by turning the AC power switch to the off position. Turn back-up battery to **OFF** position. An indication of back-up power being on would be that the amber light in the strobe lens is on.
- Press and hold the MINUTES button **DO NOT RELEASE THE BUTTON.**
- Turn the power back on while holding the MINUTES button in.
- Once power is on, release the MINUTES button after a few seconds.
- The all erase function is complete and the unit will now need to be re-programmed with its transmitters. The Supervisor MODE is disabled and 11:59AM will be displayed for time. **Please Remember to program the smoke detectors first then fire transmitters, if used, before programming any other transmitters.**

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PROGRAMMING SILENT CALL TRANSMITTERS:

All Signature Series Smoke detectors and consolidated transmitters are set to C-code (Factory code) when shipped from factory.

NOTE: You do NOT need this step unless you need to change the address due to someone in your area that has Silent Call products and they are interfering with your equipment **OR** if you want to use the Supervision Mode with your smoke detectors.

- Make sure that all Silent Call transmitters in the area are turned off.
- Select the transmitter you wish to program with the Sidekick II Signature Series Receiver.
- **IT IS IMPORTANT TO PROGRAM THE SMOKE DETECTORS FIRST THEN ANY FIRE TRANSMITTERS BECAUSE OF THE SUPERVISION CAPABILITY.**
- All Sound, Phone, Door, Weather and CO detectors are to be programmed only after smoke and fire transmitters.
- Located on the back of the transmitter case is a removable access panel. Remove the access panel and take out the batteries.
- Locate the switch on the transmitter circuit board that has 5 small dip switches.
- **Reference Figure 3**
- Set the switches to any combination that you want. For Example: 1,2 On 3,4,5 OFF. (**DO NOT SET THEM TO ALL ON OR ALL OFF AS THIS CAN CAUSE INTERFERENCE**). This gives your transmitter an “address”. Note that you MUST remove the batteries or the switch setting will not take effect.
- C- Code or **FACTORY CODE** is Dip switch configuration as follows: 1, 2, 3 are OFF and switches 4 and 5 are ON.
- Reinstall batteries and replace the access panel.

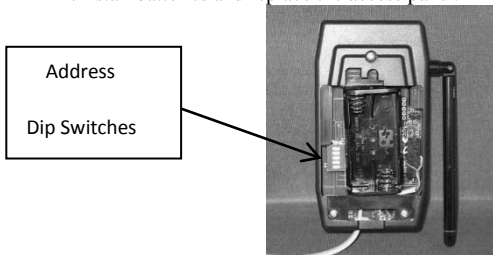


FIGURE 3

Signature Series Sidekick II Receiver Model: SK2-SS 418MHz

PROGRAMMING SK2-SS RECEIVERS:

- Make sure that the transmitter to be programmed is near the Sidekick II Signature Series Receiver.
- Perform All Erase to ensure SK2-SS receiver is cleared. Reference All Erase Section.
- **Please Remember to program the smoke detectors first then fire transmitters, if used, before programming any other transmitters.**
- On the Sidekick II Signature Series Receiver, press and release the MODE button until the Yellow LED lights up and “PPP” is displayed on the LCD screen. This means you are now in program mode. May require cycling mode button a few times after an All Erase.
- Press the test button on the transmitter so that it sends a signal to the Sidekick II Signature Series Receiver. The unit will flash its strobe, turn on the appropriate LED and display Icon for the transmitter that you used. Your transmitter is now programmed to work with your receiver.
- When programming more than one Smoke and/or fire transmitters combined. You **MUST** select different addresses in each unit for supervision to operate properly. Reference Programming Transmitter Section.
- Repeat selecting “PPP” mode for each Smoke/Fire Transmitter programmed. Cycle the Mode button no more than once a second. Cycle Mode button after programming to ensure unit is out of program Mode.
- You can now program your remaining transmitters. Only required to program one non-smoke/fire transmitter as long as remaining transmitters are set to the same address. We recommend keeping all of your non-emergency transmitters set to the same address to reduce interference from other Silent Call systems that may be in your area.

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SUPERVISION MODE FOR SMOKE AND FIRE TRANSMITTERS:

The Sidekick II Signature Series is capable of monitoring up to three Silent Call Smoke Detectors and/or Fire transmitters for low battery, out of range, interference from outside sources, and missing or failure of the transmitter to communicate with the receiver. The MODE is referred to as the SUPERVISOR MODE.

All 418 MHz Signature Series Silent Call Fire and Smoke Detector transmitters send out a special alarm signal at two minute intervals. The receiver will continue to operate in its normal mode provided the unit is receiving the supervisory alarm signals from the Smoke or Fire transmitter. The receiver will alert the user if a Smoke Detector or Fire transmitter signal has **not** been received within a period of 30 minutes. When this happens, the LCD display will flash the FIRE ICON and the CHK ICON for 10 seconds every 1 minute. Also, the RED LED that corresponds to the transmitter that is having the problem will light up and that is how you will know which unit is having a problem.

The Sidekick II Signature Series Receiver automatically enters the supervisor mode once it has been programmed for a smoke detector or fire alarm transmitter.

Each Smoke Detector or Fire alarm transmitter must be assigned an address different from all other transmitters. Reference section 4.5 for programming instructions. For example, if two smoke detectors and one fire alarm transmitters are being used, they may be assigned Address # 1,(1 Off, and 2, 3,4, 5 ON), Address # 2 (1 ON, 2 OFF, 3,4,5 ON) , and Address # 3 (1,2 ON, 3 OFF, 4, 5 ON).

Once programmed for the Smoke Detectors and Fire alarm transmitters, the receiver automatically assigns each transmitter a location on one of the three RED LED's located on the Front Panel, right side. The LED located furthest left of the three is assigned the first Smoke Detector or Fire alarm program. The second Red LED, the second Smoke Detector or Fire alarm programmed and the third Red LED, the third Smoke Detector or Fire alarm programmed. Once installed and operating correctly, the transmitters can be identified by location. For Example, a smoke alarm on LED # 1 may represent the bedroom, a smoke alarm on LED # 2 may be located in the basement and a smoke alarm on the LED # 3 may be located in the garage.

LOW BATTERY NOTIFICATION:

The Silent Call Signature Series Fire Transmitters, operates on two AA batteries and has a built in low battery sensor. The transmitters will send out a special low battery signal whenever the low battery condition exists.

When the Sidekick II Signature Series Receiver detects the signal it will display the condition. For example, a smoke detector battery is low. The smoke detector or fire alarm transmitter sends a signal to the Sidekick II Signature Series Receiver about its battery condition. The receiver will display the FIRE ICON, the CHK ICON, and turn on the FIRE LED. The unit will not turn on the Strobe or Vibrator. The display will continue to show the low battery condition until the problem is resolved. Once resolved, the transmitter will no longer send the low battery alarm.

BATTERY BACK-UP INSTALLATION INSTRUCTIONS:

Your Sidekick II Signature Series Receiver comes with the battery pre-installed at the factory. The back-up battery is a NiMH, Model # BU-10, with a 1500mAh rating. The Sidekick II Signature Series receiver Model #BU-10 has been tested to provide back-up for 24 hours in Stand By mode and 15 minutes in full operational mode, (with both the strobe and vibrator operating). The battery back-up is automatically being charged when the Sidekick II SS receiver's power supply is plugged into a standard electrical wall outlet and back up switch is selected to on. Switch is located on back of unit at lower right hand corner of battery compartment. A small tool may be needed to select the switch.

In the event that you need to re-install or replace the battery pack, follow the instructions below.

- Turn SK2-SS OFF and disconnect from AC power adapter.
- Select battery back-up switch to off.
- Remove battery access Cover
- Remove Battery by gently disconnecting plug on SK2-SS main board located in battery compartment.
- Gently connect new battery to two pin jack on SK2-SS main board located in battery compartment. Inspect connector is correctly seated and secure.
- Place battery in battery compartment and route wires alongside battery. Battery cover will pinch wires if not properly installed.
- Replace Battery access cover. Place Battery back-up switch to On.
- Verify Amber Light is on and LCD Display is lit.
- Check unit for proper operation.
- Reconnect AC power adapter and turn ON/OFF switch to ON
- Verify Amber light extinguishes when AC power is restored.

The amber LED is a visual warning that the SK2-SS has lost Power from the supplied AC power adapter. Normal operation of unit would be with amber LED extinguished.

It is important that the battery back-up feature be turned "ON" for proper operation.

The BATTERY ICON will display itself on the LCD display screen once the battery back-up level has reached 2/3 of its discharge. However, the BATTERY ICON will not be displayed until this condition is reached. This means the battery has a 2/3 to full charge.

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Technical Support

For technical support on this or any other Silent Call product, please feel free to contact us. You can reach us by phone at 800-572-5227 (voice or TTY) or by Email at support@silentcall.com

Limited Warranty

Your Silent Call product is warranted to be free of defects in material and workmanship for five years from the date of initial purchase. During that time, the unit will be repaired or replaced free of charge when shipped prepaid to Silent Call Communications. This warranty is void if the defect is caused by customer abuse or neglect. We honor the smoke detector manufacturer's warranty for their smoke detector. Only Silent Call products are warranted for 5 years. Batteries are not warranted by the manufacturer.



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