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Emergency Dialer

DIAL-ALERT™

MODEL: AD-105



If you would like to order Skylink's products or have difficulty getting them to work or download information and user manual, please :

1. visit our FAQ section at www.skylinkhome.com, or
2. email us at support@skylinkhome.com, or
3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST.
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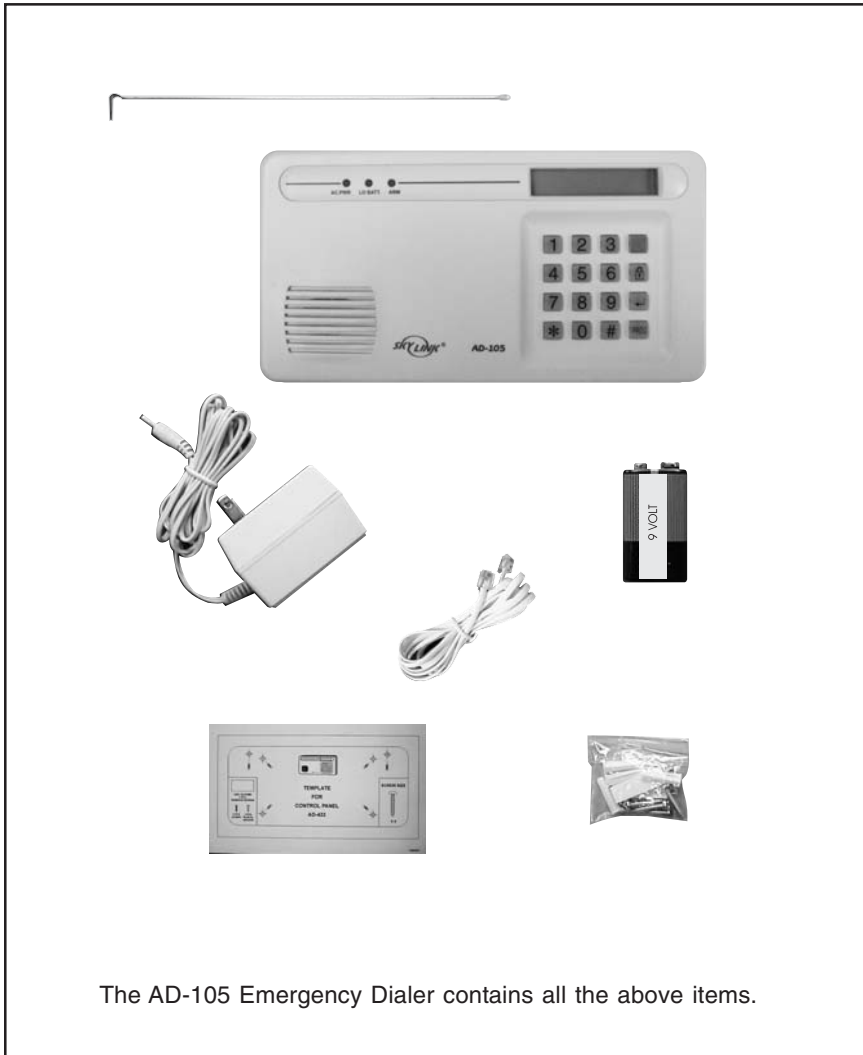
SKYLINK TECHNOLOGIES INC.

Your Guide to the

Emergency Dialer

DIAL-ALERT™

MODEL: AD-105



The AD-105 Emergency Dialer contains all the above items.

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PACKAGE CONTENTS

All materials required for installation are included with this package

- 1 **Dial-Alert** (AD-105)
- 1 Telephone Line
- 1 antenna (installed)
- 1 AC adapter
- 1 9 volt alkaline battery



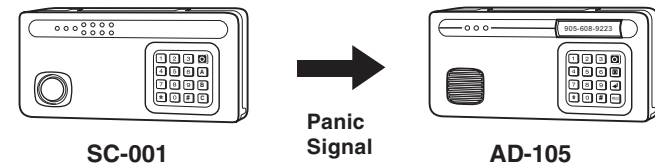
- 1 Pack of screws and anchors (for **Dial-Alert**)
- One template
- Double sided tape
- User's instructions
- Warranty Card
- Quick Guide

OVERVIEW

The AD-105 emergency dialer can call multiple phone numbers during an emergency situation and it will playback prerecorded messages. There are 2 operating modes you can set up in the AD-105 dialer.

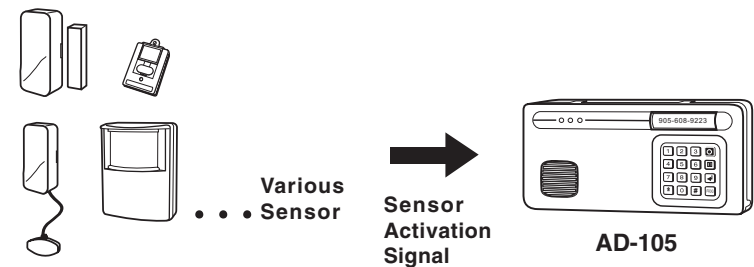
SC-001 Mode - Works with SC-001

You can setup the AD-105 to communicate with a control panel SC-001, so when the SC-001 alarm is activated, it will send a panic signal to the dialer and it will call you and other phone numbers (up to 9 phone numbers) and then playback a 40-second pre-recorded message.



Sensor Mode - Works with multiple sensors directly

You can program sensors directly to the AD-105 so when any one of the sensors is triggered, the dialer will dial the programmed phone numbers and playback voice messages. It is possible to record one primary voice message and up to 6 unique messages, these unique messages will be sensor specific.



OVERVIEW

Dial Alert AD-105 must work with the specific sensors listed below. Ensure only the listed sensors are used with the AD-105, otherwise, the communication between the sensors and the Dial Alert may not function properly. If you have a Skylink wireless device or sensor that is not listed below, and uncertain whether it can work with your AD-105, please contact our customer support team.

You can program the following sensors and accessories to the dialer, they are fully compatible with Dial Alert AD-105:

Panic Devices

4-Button Transmitter: 4B-101, 4B-434



Panic Transmitter: PT-434, HW-434



Keypad Transmitter: KP-434



Control Panel: SC-001



Sensors

Door Window Sensor:
WD-101



Flood Sensor:
FS-101



Motion Sensor:
PS-101



Audio Sensor:
AS-101



Temperature Sensor:
TS-101A



Garage Door
Monitor™ Sensor
GS-101



Vibration Sensor:
VS-101



There are 2 types of sensors and accessories.

Panic Devices - These are devices such as 4-Button Transmitter, Panic Transmitter and Keypad Transmitter. When the panic button on these transmitters is activated, the Dial Alert will dial out regardless whether it is in armed or disarmed mode.

Sensors - These sensors will only trigger the Dial Alert if it is armed. If the Dial Alert is not armed, the Dial Alert will not be activated even if the sensors are triggered. If you have sensors installed, ensure you arm the Dial Alert if you want to be notified by sensor activation.

Please refer to the programming instructions "STANDARD PROGRAMMING" to set up the operation mode of your emergency dialer.

INSTALLATION

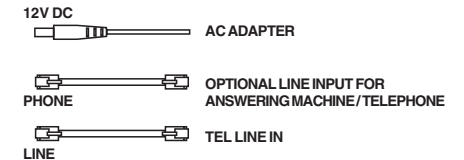
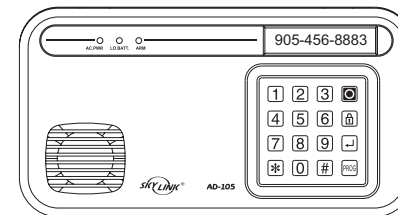
The **Dial-Alert** is installed using the screws provided. We have also included double sided tape, to use for temporary installation while you are positioning the dialer. Once the dialer is positioned correctly, install it permanently with screws. We have also included wall anchors and a template to help position the screws correctly.

How to use the template:

1. Cut the template in the correct position
2. Screw part way into the surface where the holes are marked
3. Unscrew the screws and remove the template
4. Screw the component in place where you started the screws

INSTALLING THE DIAL-ALERT (AD-105)

Position the dialer beside a telephone or near any phone line and within access of an electrical outlet. However, it is recommended that you hide the dialer for security purposes. The dialer runs on regular electrical current. It also contains a 9 volt backup battery in case power is interrupted for any reason. A phone line must be connected to the dialer in order for the dialer to work. Connect the phone lines and AC adapter as shown.



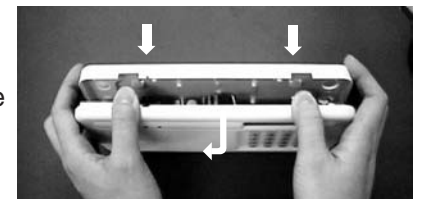
Note: The optional line input is intended for an answering machine, telephone etc. The device connected to the dialer will be disconnected when the dialer is activated. Therefore it will not affect the operation of the dialer.

There are 3 ways to attach the **Dial-Alert** on the wall:

1. Using double sided tape for temporary use.
2. Hanging it from the two keyholes on two stationary screws.
3. Screwing the back onto the wall with four screws.

To mount the Dial-Alert:

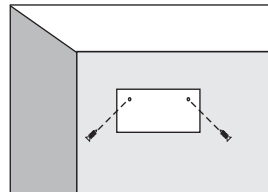
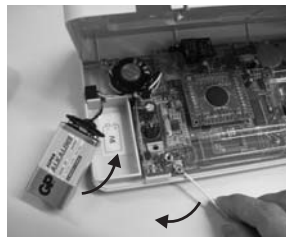
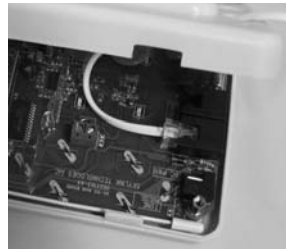
1. Open the case.
 - a) Press the two tabs on top of the dialer.
 - b) Pull open the front.



INSTALLATION

2. Thread the telephone line through the top hole in the back of the unit and plug it into the "LINE" jack. If you want to have an answering machine on the same line as the dialer, thread the phone line through the bottom hole in the back of the unit and plug it into the "PHONE" jack of the dialer. **The phone line(s) must be inserted through the back of the unit before it is attached to the wall.**
3. Thread the AC adapter cord through the top hole in the back of the unit and plug it into the AC connector on the circuit board as shown. **The adapter cord must be inserted through the back of the unit before it is attached to the wall.**
4. Insert the 9 volt battery and rotate the antenna from the inside of the dialer to the outside.
5. Firmly close the case. Insert and secure the two screws to the bottom case near the two tabs.
6. Using the template provided, insert the two screws into the wall.
7. Gently hang the **Dial-Alert** to these two screws.
8. Plug the other end of the telephone cord into a telephone jack. Plug the AC adapter into a power outlet. The red AC PWR light will turn on and the keypad backlight will be on.

NOTE: After installation, please use two screws (included) to fix the front and back case together before hanging on to the wall. (When you open the case, please remove the AC adapter and the phone line from the wall outlet).

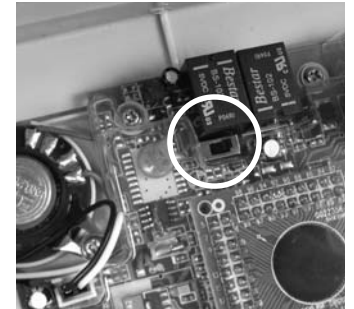


INSTALLATION

Speaker On/Off Switch

The speaker must be on during programming and recording the voice message in order to use the playback feature. For security purposes, the speaker may be turned off after programming to allow for silent dialing when the dialer is activated.

The On/Off switch for the speaker is located on the lower right corner of the circuit board. The default setting for the speaker is "On".



LIGHTS AND SOUNDS

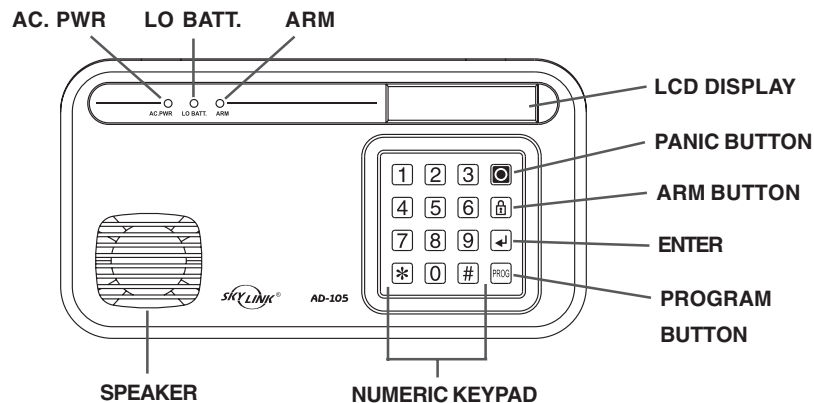
Below is an explanation of the lights and sounds of the **Dial-Alert**

LIGHTS

ACPWR light on	dialer is being powered by AC adapter.
ACPWR light off	dialer is not receiving any AC power.
LOBATT. light off	backup battery is connected and working.
LOBATT. light on	backup battery is weak, battery needs to be replaced.
ARM light on	the dialer is in armed condition. It will dial out when it receives sensor activation signal and panic signal from Panic Devices.
ARM light off	dialer will not dial out if there is sensor activation. It will only dial out when it receives panic signal from Panic Devices.
Keypad backlight	If unit is powered by AC adapter, back light stays on all the time. If unit is powered by battery only, back light stays on 10 seconds after a key is pressed.

SOUNDS

Short beep	You have pressed a key in the right order.
Two short beep's	1.) When the dialer is turned on for the first time. 2.) When the pre-programmed transmitters/sensors are deleted from the memory.
Long beep	You have made a mistake.
Steady repeated beep	The dialer has been triggered in DELAY mode. It gives you time to disarm the dialer before dialing the emergency phone numbers.



STANDARD PROGRAMMING

There are a few programming steps you must perform before the dialer can operate. Please follow the instructions below to program these fields, including:

- Selecting the Operation Mode
- Record voice messages
- Phone numbers you wish to dial during emergency (up to 9 phone numbers)
- Program the panic button or alarm panel to the dialer

When you first power up the Dial Alert, the display will show "not rEAdy", that means you don't have a voice recording and no phone number programmed. You must perform the following programming steps in order for the Dial Alert to function during an emergency.

Note: During programming, there is a 10 second time out meaning each step must be completed within 10 seconds.

SELECTING THE OPERATION MODE

As mentioned, the AD-105 works with the Control Panel SC-001 or directly communicates with sensors, i.e. 2 operating modes are:

- 1) SC-001 Mode** – With this mode, the dialer will be activated when it receives a panic signal from SC-001 Control Panel. You can record one 40-second voice message.
- 2) Sensor Mode** – With this mode, the dialer can be activated by preprogrammed sensors and you can record one primary voice message (9-second) and 6 secondary messages (5 seconds each). When you program the sensors, you can select which secondary voice message to play when that sensor is activated.

Follow the instructions below to setup the operating mode.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [1] to select the operating mode. Display now shows [P1 2], the most right digit represents the operating mode.
 - [1] – Sensor Mode
 - [2] – SC-001 Mode
3. Enter the desired value. For example, enter [1] if you want to set up the dialer to work with sensors.
4. If the new setting is accepted, it will emit 2 beeps. If you don't hear 2 beeps, that means the setting is not accepted, retry again.

STANDARD PROGRAMMING

RECORD A VOICE MESSAGE

You must record a message and program at least one phone number in order for the Dial Alert to work.

The voice recording procedure is different between the 2 operating modes, SC-001 Mode and Sensor Mode.

To record a voice message under SC-001 Mode:

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [3] which represents voice recording. You will see [P3 0 40]. The number on the most right represents the voice recording duration. 40 means 40 seconds.
3. To start recording, press [↵] button. You now can start to record the voice message. The number 40 will decrease and voice recording will stop when it reaches 0. You may also press [↵] at anytime to stop the voice recording.
4. After recording the message, you will hear the recorded message. After the message playback, it will quit from programming and return to standby mode.
5. The display still shows “not rEAdy” because no phone number has been programmed.

To record a voice message under Sensor Mode:

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [3] which represents voice recording. You will see [P3 0 09]. The number following P3 is the message number, 0 is the primary message (max 9 seconds) and 1 to 6 represent messages 1 to 6, each can be 5 seconds. The most right digits represents the voice recording duration, 09 mean 9 seconds.
3. Enter [0] to [6] to select which message you would like to record. If you enter [3], you should see [P3 3 05].

Note: remember what message you record to each recording, when you program a sensor later on, you can select which message you want it to playback.

4. To start recording, press [↵] button. You now can start to record the voice message. The number will decrease and voice recording will stop when it reaches 0. You may also press [↵] at anytime to stop the voice recording.

STANDARD PROGRAMMING

5. After recording the message, you will hear the recorded message. After the message playback, it will quit from programming and return to standby mode.
6. The display still shows “not rEAdy” because no phone number has been programmed.

MESSAGE PLAYBACK

If you would like to listen to the recorded message, you can playback the message by following the instructions below.

1. Enter the current password (factory default password is 0000), then press [↵], then press [3], display will show [L3] meaning you are now in voice message playback mode.
2. Enter the number that represents which message you want to playback:

0 - Main Message	4 - Zone 4 Message
1 - Zone 1 Message	5 - Zone 5 Message
2 - Zone 2 Message	6 - Zone 6 Message
3 - Zone 3 Message	
3. Display now shows something like [L3 1 05] where the last 2 digits represent the duration of the voice message you have recorded. Press [↵] will playback the recorded message.

PROGRAM A PHONE NUMBER

You may program up to 9 different phone numbers. Follow the instructions below to program phone numbers.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [4] which represents phone number programming. You will see [P4 PHonE 1]. The number on the most right represents the phone number, from Phone 1 to Phone 9.
3. Select the phone number you would like to program, from 1 - 9, then press [↵].
4. Enter the phone number, then press [↵].
5. Display will show [rEdIAL 2], this is the default redial count. Press [↵] to accept, or enter a value from 1 - 2 to change the setting. Redial count is how many times this phone number will be retried if it is busy.
6. Display will show [rEPEAt 3], this is how many times the voice message will be played. Press [↵] to accept 3 times, or enter a value from 1 - 9 to change the setting.

Note:

Skylink recommends that the telephone or pager numbers of your relatives, neighbors, office/work, friends or doctor be programmed into your Dial-Alert.


STANDARD PROGRAMMING

Do not program the phone number to police or fire dept directly into your Dial-Alert unless you have checked with your local authorities. Please also inform all the recipients that their phone numbers have been programmed into your dialer, so they know exactly what happens when they receive your emergency message.


7. The Dial Alert is now in standby mode and the display shows “rEAdy” meaning you have recorded a voice message and have a least one phone number programmed. You may sometimes need to insert pause period in a phone number so you can pause the dialing process, there are 2 types of pause periods.

- 1) Normal Pause
- 2) Pick up Pause

Normal Pause can be inserted to any part of the phone number and it will simply pause the dialing process by the amount you have select. Press [PROG] while you are programming a phone number, such as if you want to enter a pause period after 123 while calling telephone number 1234567, you need to program the phone number as 123[PROG]4567. Multiple pause periods can be inserted within one telephone number.

Pick up Pause is useful when you know you will be calling something like an answering machine, where after the phone is picked up, you don't want the emergency message to playback immediately. Therefore, you would program a pause after the line is picked up. To insert a picked up pause, press the “” button. The pick up pause duration is programmable. Please refer to advanced programming. Only one pick up pause can be programmed within one telephone number.

To program additional phone numbers, follow the above procedures by selecting a different phone number locations, from 1 to 9.

You may review a programmed phone number by following the same procedures as programming a phone number. Simply press [] when the display shows the current setting instead of entering a new value allows you to keep the programmed setting.

To erase a phone number from the Dial Alert, press [PROG] after step 3 above. That is after you select the phone number (from 1 - 9), Dial Alert will show the programmed phone number. Pressing [PROG] now will delete this phone number from the memory.

PROGRAM AN ALARM PANEL (Model SC-001) UNDER SC-001 OPERATING MODE


You may use the Dial Alert to notify you when there is a break-in or during an panic situation. You need to program a panic signal from SC-001 Control Panel. To program a Control Panel SC-001 to the Dial Alert, follow the instructions below.

STANDARD PROGRAMMING

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [5] which represents programming a device. You will see [P5 Id codE].
3. Enter the Master Pin on the SC-001 then [B] [B].
4. After programming, the display will show “rEAdy” indicating it is now in standby mode.

PROGRAM A SENSOR UNDER SENSOR OPERATING MODE

You may use the Dial Alert to notify you when there is a sensor activation. You need to program the sensor signal to the Dial Alert, follow the instructions below.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [5] which represents programming a device. You will see [P5 Id codE].
3. Activate the sensor so it sends an activation signal to the dialer.
4. Display shows [Id PLAY _], enter the number of voice message you have recorded, from [1] to [6]. When this sensor is activated, it will playback the main voice message and the selected secondary message. If you enter [0], no secondary message will be played. Press [] for the dialer to accept your sensor.
5. After programming, the display will show “rEAdy” indicating it is now in standby mode.

To program more devices to the Dial Alert, follow the instructions above. You may program up to 16 different devices to the Dial Alert.

TESTING

SC-001 Mode

To test the operation, you may activate dialer by pressing the red panic button on the SC-001. AD-105 will dial the phone numbers and playback the voice message.

Sensor Mode

You can put the AD-105 in arm mode and activate the programmed sensor. AD-105 will dial the phone numbers and playback the voice message. Follow “Operations” – “Arming Sequence” to arm the AD-105.

OPERATIONS

SC-001 Mode

When the display shows “rEAdy”, that means the unit is in standby mode. It will dial when it receives a panic signal from the alarm panel, or its own panic button is pressed.


It will dial the programmed phone numbers and playback the voice message.

It is not necessary to put the AD-105 in arm mode. Once the display shows “rEAdy”, the AD-105 will respond if it receives a command to dial out.

Sensor Mode

When the AD-105 operates in Sensor Mode, it needs to be armed in order to respond to a sensor signal. When the AD-105 is not armed, it will not respond to any sensor activation, except when the triggering devices are a panic transmitter, or a panic button from a wireless keypad or a panic button from a 4-button remote control. AD-105 will respond to a panic signal even it is not armed.

To arm the AD-105:

1. Enter the current password (factory default password is 0000), then press [].
2. Arm red LED will be on indicating it is on.
3. Depends on whether the Exit delay is set, if so, display will show “dELAY” flashing and beeping during the exit delay period. If exit delay is not set, the arm LED will be on and display shows “rEAdy” meaning there is no exit delay. Alarm will be activated immediately if a sensor is triggered.
4. Once the AD-105 is armed, it will respond to a sensor activation.

RECEIVING A PHONE CALL

When the dialer is activated, it will call the pre-programmed phone numbers and playback the selected messages.

The recipient can take the following actions after listening to the voice message.

OPERATIONS

1. To stop the call from calling a specific phone number.

Since there is a redial count and regardless of whether the call is picked up or not, it will redial based on the redial counts. If the redial count is set to 3 times, that means it will call that phone number 3 times. If the recipient acknowledges the call and does not want it to call the same number again, he / she can enter [#]. This will stop the Dial Alert from calling this same phone number again and it will dial the rest of the other programmed phone numbers.

2. To stop the call from calling all phone numbers.

Usually you will setup the Dial Alert to call yourself (the home owner) as the first phone number. It is likely that if you acknowledge the call, you do not need to call the rest of the phone numbers. If so, you can enter the 4-digit password so the Dial Alert will not dial any other phone number and return to standby mode.

ADVANCED PROGRAMMING

Changing Password

Password is required for programming purposes. Factory default is 0000. To change the setting, follow the instructions below.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [2] to change password. Display now shows [nPIn], that means New PIN.
3. Enter the new 4-digit password.
4. Display now shows [rPIn] meaning re-enter the new pin. Enter the new 4-digit password again.
5. If the new password is accepted, it will emit 2 beeps. If you don't hear 2 beeps, that means the password is not accepted, retry again.

Calling Time

The Calling Time is how long the phone will ring before it is disconnected. If the recipient does not pick up the phone after this time period, Dial Alert will disconnect and redial. The factory default calling time is 45 seconds. To change the setting follow the instructions below.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [7] to change the calling time. Display now shows [P7 2], the most right digit represents the calling time setting. Refer to the table below for the calling time setting.

- 1 - 30 seconds
- 2 - 45 seconds
- 3 - 60 seconds
- 4 - 75 seconds
- 5 - 90 seconds

3. Enter the desired value based on the table below. For example, enter [5] to set the calling time to 90 seconds.
4. If the new setting is accepted, it will emit 2 beeps. If you don't hear 2 beeps, that means the setting is not accepted, retry again.

ADVANCED PROGRAMMING

Erase Programmed Panic Transmitters / Alarm Panels / Sensors

You may erase the programmed wireless devices, panic transmitter, alarm panels and wireless sensors. You cannot erase a specific device, you must erase all the devices and then program the ones that you would like to keep.

To erase all the wireless devices, follow the instructions below.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [6] to erase programmed devices. Display shows [P6 ErASE].
- 3 Press [↵] to erase all programmed devices.
4. You have erased all the devices if you hear 2 beeps.

Dial Sequence

As mentioned, there is a Redial Count for each phone number, that means when the dialed phone number is busy or cannot be connected, the Dial Alert will dial the number again, or dial another phone number. You may program it so it will finish dialing one phone number with all redial counts.

Example: There are 3 programmed phone numbers and the redial count for these 3 phone numbers are all 2 times.

Factory default Dial Sequence: Dial each phone number once, then dial each phone number the second time in the same sequence.
i.e. Phone #1, Phone #2, Phone #3, Phone #1, Phone #2, Phone #3.

Universal Dial Tone

You may setup the Dial Alert to dial only a proper dial tone if it is detected. If no dial tone is detected, it will not dial. As there are many different dial tones with different telephone systems or the tone is different in different parts of the country, you may set it up so that the Dial Alert will dial no matter what type of dial tone is detected. To enable a universal dial tone, follow the instructions below.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [*], then [1], display will show [P*1 2]

ADVANCED PROGRAMMING

3. Enter [1] to disable universal dial tone meaning a proper dial tone must be presented before dialing, or [2] to enable universal dial tone, so the Dial Alert will dial regardless of the dial tone.
4. If the new setting is accepted, it will emit 2 beeps. If you don't hear 2 beeps, that means the setting is not accepted, retry again.

Pick up Pause Period

Pick up Pause allows you to have a pause period after the recipient picks up the call. This is useful if you are sending a numeric message to a pager or sending a voice message to an answering machine. You may define the pause period from 1 sec to 9 seconds. To change the setting, follow the instructions below.

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [9], display now shows [P9 5], the most right digit represents the pick up pause duration.
3. Enter any number from 1 to 9, which represents the pick up pause duration, i.e. enter [1] for a 1-second pause, enter [7] for a 7-second pause. Press [↵] to confirm your entry.
4. If the new setting is accepted, it will emit 2 beeps. If you don't hear 2 beeps, that means the setting is not accepted, retry again.

Entry / Exit Delay – For Sensor Mode

Entry / Exit Delay is used when you use the dialer in Sensor Mode when it is communicating with individual sensors as an alarm panel. You may arm and disarm the dialer so that sensors can communicate with the dialer.

When you arm the system, you get an exit delay to leave the premises. The dialer will start monitoring the sensors after the exit delay, meaning after the exit delay, any triggered sensor will activate the dialer.


Entry delay is the amount of time you have to disarm the dialer after you activate a sensor when coming back home. You may trigger a sensor when you come back home and the dialer will start the entry delay. You must disarm the system during the entry delay period in order for the dialer not to dial out.


To program the entry delay and exit delay, follow the instructions below. The values will be the same for both of these delays.

ADVANCED PROGRAMMING

1. Enter the current password (factory default password is 0000), then press [PROG], display will show [P] meaning you are now in programming mode.
2. Enter [8], display now shows [P8 1], the most right digit represents the entry / exit delay duration.
3. Enter any number from 1 to 5, which represents the entry / exit delay duration.
 - 1 - Instant Arming / Instant Alarm
 - 2 - 30 seconds entry / exit delay
 - 3 - 45 seconds entry / exit delay
 - 4 - 60 seconds entry / exit delay
 - 5 - 75 seconds entry / exit delay
4. If the new setting is accepted, it will emit 2 beeps. If you don't hear 2 beeps, that means the setting is not accepted, retry again.

Arming / Disarming

To arm the dialer, simply enter the password and then press “”. The ARM LED will be on.

To disarm the dialer, simply enter the password and then press “”. The ARM LED will be off.

If your dialer is working directly with a control panel, there is no need to arm the dialer. The dialer will dial out regardless if it is armed or not when it receives a panic signal from the control panel.

If you have sensor(s) programmed to the Dial Alert, you should arm the Dial Alert if you want to receive notification when the sensor is activated. If the Dial Alert is not armed, sensor activation will not trigger the dialer. Therefore, please arm the system when you want to be notified of sensor activation, such as when you are away from home. If you are home, you may disarm the Dial Alert if notification is not needed.

ADVANCED PROGRAMMING

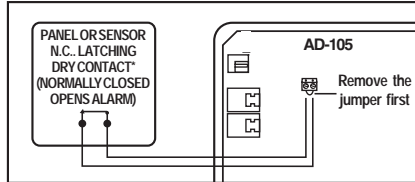
CONNECT THE DIAL-ALERT WITH YOUR EXISTING ALARM SYSTEM

You may connect your existing alarm system with the **Dial-Alert** so that the dialer will be triggered by your alarm system when it is activated. There are 2 ways you can connect your dialer with your existing alarm system.

1. Connect the dialer with the alarm system using hard wire (normally closed).
2. Connect the dialer with the alarm system using the Audio Sensor (AS-101).

Follow the diagram below for hardwiring the dialer with the existing alarm system.

Every time the alarm system is activated, it will automatically trigger the dialer to dial out all the preset telephone numbers and play the pre-recorded message.



Remove the jumper first

Place the Audio Sensor beside the siren of your existing alarm system, once the alarm is activated, the siren will sound and the Audio Sensor will be triggered and send a signal to the **Dial-Alert** to activated it. There is no wiring involved in this case. The other way to trigger the dialer by the existing alarm system is to use the Audio Sensor AS-101 in conjunction with the **Dial-Alert**, (see Additional Accessories page 24).

DIAL-ALERT QUICK GUIDE

Program #	Functions	Settings	Factory Default
[PIN]+[PROG]+[1]	Operating Mode	[1] - Sensor Mode, [2] - SC-001 Mode	2
[PIN]+[PROG]+[2]	Change Password	Any 4-digit password	0000
[PIN]+[PROG]+[3]	Voice Message Recording	[0] - Main Message, [1-6] - Secondary Messages	N/A
[PIN]+[PROG]+[4]	Phone Number	[1-9] Up to 9 phone numbers	N/A
[PIN]+[PROG]+[5]	Program Sensors / Transmitters	Program up to 16 sensors / transmitters	N/A
[PIN]+[PROG]+[6]	Erase Sensors / Transmitters	Erase all sensors / transmitters	N/A
[PIN]+[PROG]+[7]	Calling Time	[1]-30, [2]-45, [3]-60, [4]-75, [5]-90 seconds	45 sec.
[PIN]+[PROG]+[8]	Entry / Exit Delay	[1] - Instant, [2]-30, [3]-45, [4]-60, [5]-75 seconds	Instant
[PIN]+[PROG]+[9]	Pick up Pause	[1] - 1 sec, [2] - 2 seconds..... [9] - 9 seconds	5 sec.
[PIN]+[PROG]+[*]1	Universal Dial Tone	[1] - Off, [2] - On	1

BATTERY MAINTENANCE

The AD-105 **Dial-Alert** comes with 1 battery that at some point you may have to replace:

- One 9 volt alkaline battery for the **Dial-Alert**

Recommendation: Test your **Dial-Alert** periodically to ensure that the battery is working.

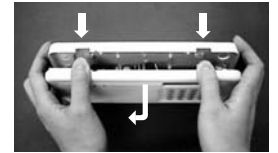
Dial-Alert Battery

The **Dial-Alert** comes equipped with a 9V backup battery in case the electrical power is interrupted for any reason.

When the dialer backup battery is low, the LOBATT. light goes on.

To replace the dialer backup battery:

1. Undo the two screws on the back of the **Dial-Alert**.
2. Open the **Dial-Alert** case by pressing down on the two tabs on the top edge and pull the front forward.
3. Disconnect the old battery.
4. Connect the new battery.
5. Close the **Dial-Alert** case and re-insert the two screws.



The battery life, (9 volt alkaline battery), is approximately two years if used only for backup.

ADDITIONAL ACCESSORIES

Additional sensors and transmitters as well as add on accessories are available to work with your **Dial-Alert**.

Security Control Panel (SC-001)

- Four alarm modes (Day, Night, Away, Chime)
- Four zones, each zone controls up to 6 devices
- Reliable design with microcontroller
- 110dB siren



Door/Window Sensor (WD-101)

- Attaches to all doors, windows, entrances
- 3V lithium battery included



Motion Sensor (PS-101)

- Monitors area in a 110 degree ARC and up to 40 feet away from the sensor
- 9V alkaline battery included



Keychain Transmitter (4B-101, 4B-434)

- Activates Security Control Panel (SC-001) instantly by pressing panic button
- Arm/Disarm Security Control Panel (SC-001)
- Reliable design, crystal base transmission with microcontroller
- 12V alkaline battery included



Flood Sensor (FS-101)

- Place sensor along basement wall, near water heater, washing machine etc.
- 3V lithium battery included



ADDITIONAL ACCESSORIES

Temperature Sensor (TS-101A)

- Monitors temperature of a specific area (i.e., greenhouse, horse farms, laboratory etc.)
- Activates Security Control Panel (SC-001) or Emergency Dialer (AD-105) when the temperature of the monitored area is above or below a preset temperature
- Temperature range: -3°F (-19°C) to 157°F (69°C)
- Operates using lithium batteries (included)



Keypad Control (KP-434)

- Functions as an external keypad or secondary control location
- Use the keypad to arm/disarm the Audio Alarm (AA-433)
- Eliminates the need to walk through your premises to your Security Systems Control Panel
- Operates using lithium batteries (included)



Water Resistant Panic Button Transmitter (PT-434)

- Activates Security Control Panel and Emergency Dialer by pressing the panic button when under duress
- Ideal for Seniors, physically challenged
- Water resistant, carry transmitter all the time
- Operates using lithium batteries (included)



Remote Panic Button Transmitter (HW-434)

- Wrist watch style
- Activates Security Control Panel and Emergency Dialer by pressing the panic button when under duress
- Ideal for Seniors, physically challenged
- Water resistant, carry transmitter all the time
- Operates using lithium batteries (included)



ADDITIONAL ACCESSORIES

Audio Sensor (AS-101)

- Detects alarm sound from existing security system alarm; sends signal to Dial-Alert.
- Eliminates need for monitoring service.
- 9V alkaline battery included



Vibration Sensor (VS-101)

- Activates Security Control Panel or Emergency Dialer when vibration is detected
- Attach vibration sensor to valuables
- 3V lithium battery included



Garage Door Monitor™ Sensor (GS-101)

- Place sensor on garage door
- Activates Security Control Panel or Emergency Dialer when the garage door is opened
- 3V lithium battery included

