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Emergency Dialer

DIAL-ALERT™

MODEL: ED-100



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

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3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST.
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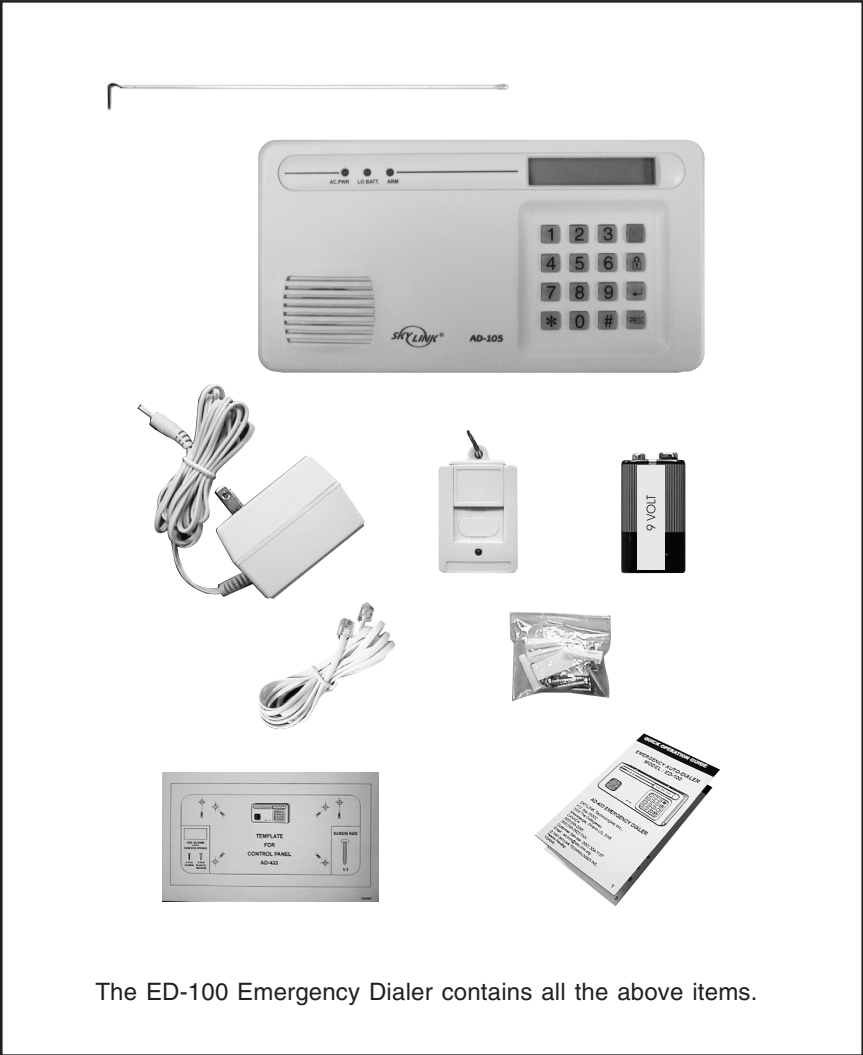
SKYLINK TECHNOLOGIES INC.

Your Guide to the

Emergency Dialer

DIAL-ALERT™

MODEL: ED-100



The ED-100 Emergency Dialer contains all the above items.

DIAL-ALERT QUICK GUIDE

Program #	Functions	Settings	Factory Default
[PIN]+[PROG]+[1]	Operating Mode	Panic Mode	2
[PIN]+[PROG]+[2]	Change Password	Any 4-digit password	0000
[PIN]+[PROG]+[3]	Voice Message Recording	[0] - Main Message	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]+[0]	Dialling Sequence	[1] - Dials each number once, then redial if necessary, [2] - Finish dialing first phone number then begins second number	2
[PIN]+[PROG]+[*1]	Universal Dial Tone	[1] - Off, [2] - On	1

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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 Panic Transmitter (PT-434) includes
Three 3 volt Lithium batteries (installed)



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

ADDITIONAL ACCESSORIES

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

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)

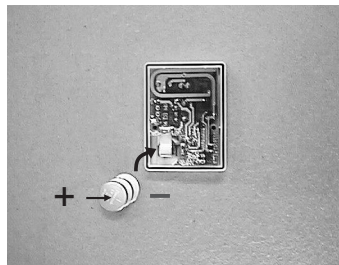
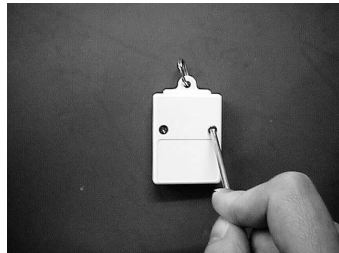


PANIC TRANSMITTER BATTERY

The Panic Transmitter operates on three 3-volt lithium batteries (CR-1220) that are installed at the factory. The battery storage life of these lithium batteries is approximately five years. There are two screws on the back of the transmitter that hold the top and bottom case together.

To replace the Panic Transmitter batteries:

1. Undo the two screws on the back of the transmitter.
The back will then come off.
2. Take out all the old batteries using a small screwdriver or a pen.
3. Place the new batteries in position.
The positive end should be facing upward as you place the batteries in the transmitter (see diagram).
4. Close the battery cover and re-insert two screws.



Note: In order to maintain the battery life, activate the Panic Transmitter in case of an emergency only.

OVERVIEW

The AD-105 **Dial-Alert** can call multiple telephone numbers and sends a personalized pre-recorded message. The person receives the emergency message can confirm receipt of that message by pressing the "#" key on their telephone. A pre-recorded message, maximum 40 seconds in length will be played notifying the person being called of the emergency.

The **Dial-Alert** is activated when:

1. The red panic button [O] on the keypad of the **Dial-Alert** is pressed
2. The button is pressed on the panic transmitter (included in the ED-100 package)

This manual is divided into 4 sections in order to assist in the installation and programming your **Dial-Alert**.

1. Installation
2. Lights and Sounds
3. Standard Programming
 - Record a message
 - Playback of pre-recorded message
 - Storing telephone numbers in memory for
 - emergency voice message only
 - both emergency voice message and numeric information
 - numeric information only
 - Delete a telephone number from memory
 - Modify the redial count and repeat times of a telephone number
4. Advanced Programming
 - Change password
 - Programming the calling time
 - Programming the pause period
 - Program transmitters to activate dialer
 - Erase programmed transmitters
 - To arm / disarm the dialer
 - Dialing delay
 - Universal Dial Tone

INSTALLATION

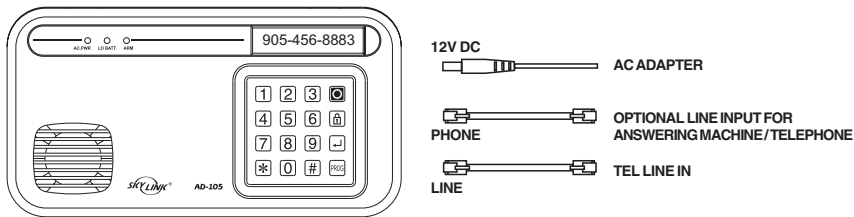
The **Dial-Alert** is installed using the screws provided. We have also included double sided tape, to use for temporary installation while you are positioning the dialer. Once the dialer is positioned correctly, install it permanently with screws. We have also included wall anchors and a template to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



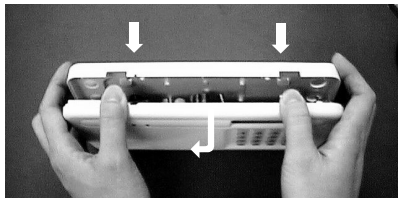
Note: The optional line input is intended for an answering machine, telephone etc. The device connected to the dialer will be disconnected when the dialer is activated. Therefore it will not affect the operation of the dialer.

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.



BATTERY MAINTENANCE

The ED-100 **Dial-Alert** comes with 1 battery that at some point you may have to replace:

- One 9 volt alkaline battery for the **Dial-Alert**
- Three 3 volt lithium batteries for the Panic Transmitter

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

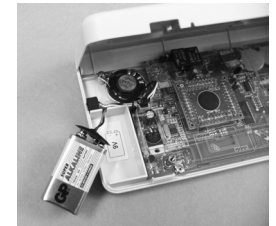
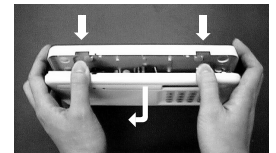
Dial-Alert Battery

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.

ADVANCED PROGRAMMING

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.

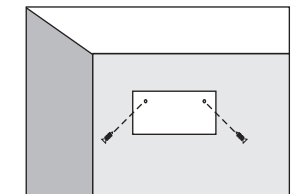
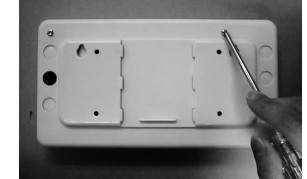
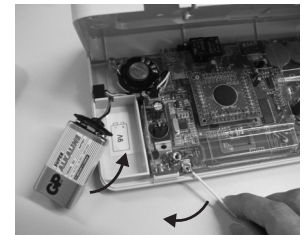
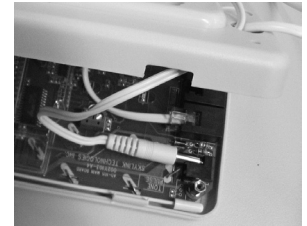
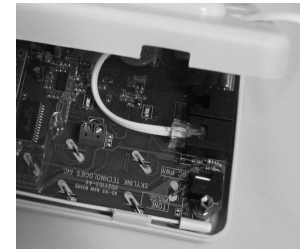
If your dialer is working directly with a control panel or panic transmitter, there is no need to arm the dialer. The dialer will dial out regardless if it is armed or not when it receives a panic signal from the control panel.

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.

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).

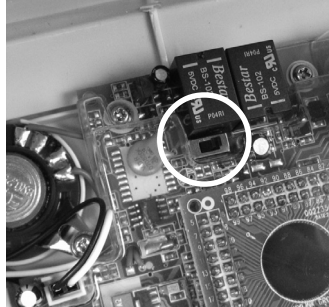


INSTALLATION

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".



ADVANCED PROGRAMMING

2. Enter [0], display now shows [P0 2], the most right digit represents the dial sequence.
3. To change the setting, enter either 1 or 2, where 1 is Dial Sequence 1, and 2 is Dial Sequence 2.
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.

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]
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.
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, then dial the next number, or you may program it so that it will dial each phone number once, then if they are busy, dial the second attempt.

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

Dial Sequence 1: 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, Phone #1, Phone #2, Phone #3.

Dial Sequence 2: Finish all redial count for the first phone number, then dial the second phone number. i.e. Phone #1, Phone #1, Phone #1, Phone #2, Phone# 2, Phone #2, Phone #3, Phone #3, Phone #3.

The factory default is set to Dial Sequence 2. To change this 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.

LIGHTS AND SOUNDS

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

LIGHTS

ACPWR light on
ACPWR light off
LOBATT. light off
LOBATT. light on
ARM light on

dialer is being powered by AC adapter.
dialer is not receiving any AC power.
backup battery is connected and working.
backup battery is weak, battery needs to be replaced.
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.

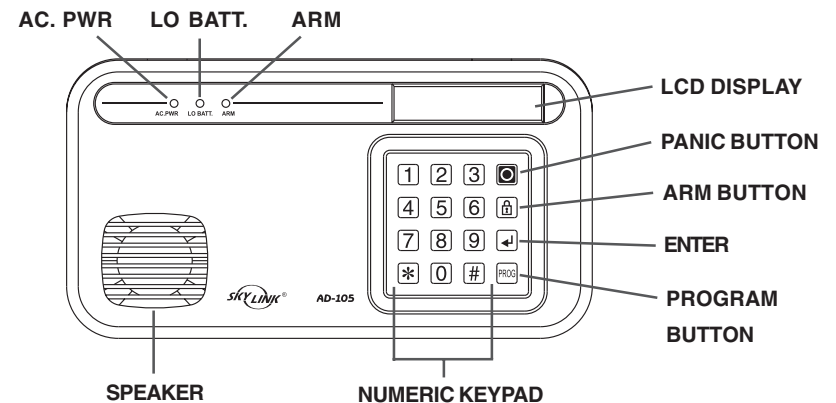
SOUNDS

Short beep
Two short beep's

You have pressed a key in the right order.
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
Steady repeated beep

You have made a mistake.
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:

- 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.

RECORD A VOICE MESSAGE

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

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.

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.

OPERATIONS

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.

RECEIVING A PHONE CALL

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

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

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.

STANDARD PROGRAMMING

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 [0] which represents the message to playback:
3. Display now shows something like [L3 0 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 3], this is the default redial count. Press [←] to accept, or enter a value from 1 - 9 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.

TESTING

To test the operation, you may activate dialer by pressing the panic button on the PT-434 or the red panic button [O] on the keypad of the Dial-Alert . AD-105 will dial the phone numbers and playback the voice message.

PANIC TRANSMITTER

The Panic Transmitter conveniently fits on any keychain or necklace. It allows you to activate the **Dial-Alert** from a distance of approximately 100 feet from the dialer. The distance will depend on what is between the Panic Transmitter and the dialer. This transmitter is water resistance and shock resistance, it allows you to carry this transmitter all the time.

Activate the Emergency Dialer with the Panic Transmitter

In an emergency, you can activate the dialer using the Panic Transmitter. Move the sliding cover and press the panic button for one second. This will activate the dialer and it will dial the preset telephone numbers.

Note: Make sure you press down on the transmitter for one full second or the system may not respond.

