

SENSAPHONE®

DESKTOP MONITORING SYSTEM

Model 400

User's Manual



Stay informed and in control of vital environmental conditions and processes with the fully-programmable Sensaphone® Model 400.

PHONETICS, INC.

SENSAPHONE®

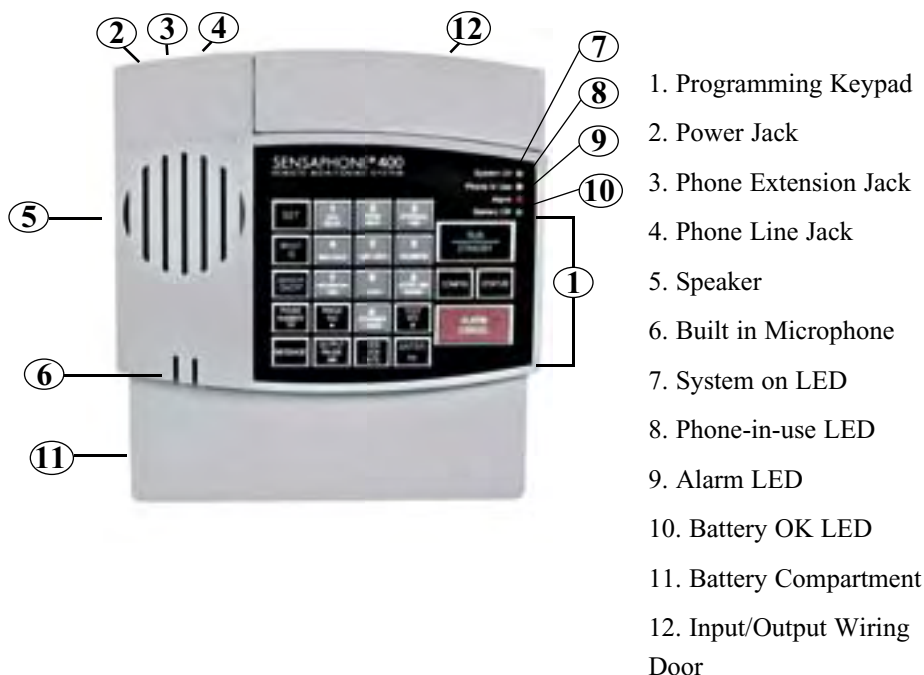
Model 400

User's Manual

Version 1.1

PHONETICS, INC.

Layout



LED INDICATORS

The LEDs provide on-site alarm and status information. Listed below are descriptions of how the LEDs work.

System On

LED Off: Unit is off

LED On: Unit is in Run mode

LED Blinking: Unit is in Standby mode

Phone-In-Use

LED On: The unit or some other device is communicating on the phone line

LED Off: Phone line is not in use

LED Blinking: No telephone service detected

Alarm

LED Off: No alarms exist

LED Blinking: Unacknowledged alarm exists

LED On: Acknowledged alarm exists

Battery OK

LED On: Battery condition good

LED Blinking: Battery condition low

LED Off: No battery/critically low battery condition

Technical Support

If any questions arise upon installation or operation of the Model 400, please contact the Sensaphone Technical Service Department at the number shown below, and have the following information:

- Date of Purchase _____
- Serial number of your Model 400 _____

Technical Support is available from 8:00AM to 5:00PM EST.

You may also email us at support@sensaphone.com.

Phonetics, Inc.
901 Tryens Road
Aston, PA 19014
610-558-2700
Fax: 610-558-0222
www.sensaphone.com

4.3 Dial-out Telephone Numbers

The Model 400 can store up to four 48-digit phone numbers. These are the numbers that will be called during alarm dial-out. In the event of an alarm, the numbers are dialed sequentially, 1 through 4. Begin programming the first telephone number by assigning it to the key labeled with the number 1 on the keypad, and continue to assign any other telephone numbers in numerical order. *A pause, pound or star* can be added to an individual phone number to access different phone and beeper systems. See *Special Dialing, Section 4.5*.

4.3.1 Programming Dial-out Telephone Numbers

To program dial-out telephone numbers:

1. Press SET.



2. Press PHONE NUMBER.



3. Select which telephone number to program. Press any unassigned number key (from 1 to 4) to represent the new telephone number entry. The Model 400 will respond: "Enter number."



4. Enter the complete telephone number using the number keys.



5. Press ENTER. The unit will respond with “Enter.”



6. Repeat above procedure to program up to four separate telephone numbers.

4.3.2 Interrogating a Dial-out Telephone Number

To interrogate dial-out telephone numbers:

1. Press WHAT IS.



2. Press PHONE NUMBER.



3. Press a number key (from 1 to 4).



Model 400 will recite the corresponding telephone number. If there is no number programmed for a particular key, the unit will respond: “No number.”

4.3.3 Erasing a Telephone Number

To erase a telephone number:

1. Press SET.



2. Press PHONE NUMBER.



3. Press the number key (from 1 to 4) representing the telephone number you want to erase.



4. Press ENTER. The Model 400 will say “*Number # erased.*”



4.4 Tone or Pulse Dialing

The Model 400 can dial out in pulse or Touch Tone™. Select the type of dialing, in either pulse or tone, depending upon the type of service provided by your telephone company. The default is tone.

To program for either pulse or tone:

1. Press the SENSOR ON/OFF key.



2. Press PHONE NUMBER T/P.



The Model 400 will respond: “*Tone*” to indicate that tone dialing is enabled, or “*Pulse*” to indicate that pulse dialing is on and enabled.

3. Repeat key sequence to switch between settings.

4.5 Special Dialing

The Model 400 has provisions for special dialing sequences. Special dialing sequences allow:

- Dialing that requires an access number to connect with an outside line.
- Dialing that requires the pound (#) or star (*).
- Dialing to a beeper or pager.

4.5.1 Special Dialing Keys

The following designated keys represent special functions when used with PHONE NUMBER entries:

1. *Pause*



PAUSE represents a two-second pause in dialing. It can be used when an access number is required before dialing to an outside line. (For example, in some cases a “9” or other number, must be dialed first, in order to get a dial tone for an outside line.)

2. *Pound (#)*



A pound may be required when calling some phone or beeper systems.

3. *Star (*)*



A star may be required when calling some phone or beeper systems.

4. *Code*



The CODE key can be used to perform special functions during the dialing sequence. These include: Pager dialing, Wait for Answer, and Switch to Touch-tones. These functions enable the Sensaphone to send a numeric page, or dial a telephone number + office extension, or combine pulse & touch-tone dialing in the same telephone number. Multiple codes can be used during telephone number programming if required. See section 4.5.4 for special instructions on dialing to a beeper or pager.

Code 1 Pager

When CODE + 1 is inserted as the first digit of the telephone number, the Model 400 will make a pager call. This means that the unit will expect the call to be answered by a paging service provider, then it will send its ID number (using touch-tones), followed by the digits that identify the zone(s) in alarm. The unit will hang-up after it completes the call. See section 4.5.4 for specific programming examples for dialing a pager.

Code 2 Wait-For-Answer

You can force your Sensaphone to Wait-For-Answer in the middle of dialing a telephone number. This is useful when calling a telephone extension that is initially answered by an auto-attendant. By inserting the wait-for-answer code you can instruct your Sensaphone to call the main number, then wait for an answer by the auto-attendant, then dial the extension. The Sensaphone will not speak its voice message until the telephone is answered at the extension.

Example:

SET + PHONE NUMBER + any unassigned number key 1-4
+ telephone number + CODE + 2 + extension number + ENTER

Code 3 Switch to Touch-tone

This command allows you to change from pulse dialing to touch-tone dialing in the middle of dialing a telephone number. This is useful when your telephone service only supports pulse dialing, but you need to send touch-ones after connecting – such as when dialing a numeric pager or navigating a voice menu.

Example:

In this example a telephone number is dialed, the Sensaphone waits for the call to be answered, then changes to touch-tones to dial an extension.

SET + PHONE NUMBER + any unassigned number key 1-4 +
telephone number + CODE + 2 + CODE + 3 +
extension number + ENTER

4.5.2 Incorporating a Pause

Incorporate PAUSE to access an outside telephone line:

1. Press SET.



2. Press PHONE NUMBER.



3. Press any unassigned number key (from 1 to 4) to represent the new telephone number entry. Model 400 will respond: *"Enter number."*



4. From the number keys, enter the access digit (i.e., 9). The Model 400 will recite the digit.



5. Press PAUSE. The Model 400 will *"pause."*



6. Enter the complete telephone number using the number keys. The Model 400 will recite the digits as they are pressed.



7. Press ENTER. The Model 400 will say “Enter.”



4.5.3 Incorporating a Pound (#) or Star (*)

Incorporate a pound or star if it is normally included in telephone number:

1. Press SET.



2. Press PHONE NUMBER.



3. Press any unassigned number key (from 1 to 4) to represent the new telephone number entry. Model 400 will respond: “Enter number.”



4. Enter the telephone number using the number keys. The Model 400 will recite the digits as they are pressed.



5. Position the pound (#) or star (*) within the telephone number where required by pressing the designated keys. The Model 400 will say “pound” or “star” each time the key is pressed.



—OR—



6. Enter any remaining digits of the telephone number.
7. Press ENTER. The Model 400 will say “Enter.”



4.5.4 Special Dialing to a Beeper or Pager

Your Sensaphone can be programmed to send an alarm message to a numeric beeper/pager. The message will include the Sensaphone's telephone number (ID number) and the Zone numbers that are in alarm. For example, if zones 1 and 4 are in alarm, the message on your pager would be: 8882227777-1-4, where 8882227777 is the unit's ID number. A Sound alarm will appear as alarm -9 and a Power alarm will appear as alarm -0. To program a telephone number for Pager dialout, you must enter Code 1 at the beginning of the telephone number. The Sensaphone will say “Code one, Pager” when you enter the command.

Follow the key sequence below to dial a numeric pager:

SET + PHONE NUMBER + any unassigned number key 1-4 +
CODE + 1 + pager telephone number + ENTER

To check your programming:

WHAT IS + PHONE NUMBER + assigned # 1-4

The Sensaphone will say “Pager”, followed by the programmed telephone number.

To send a test page:

SET + TEST + assigned # key 1-4 + ENTER

The Sensaphone will let you listen to the dialout sequence through its speaker and send you a message that includes the Sensaphone's telephone number (ID number).