EC4 Dialer Programming Guide
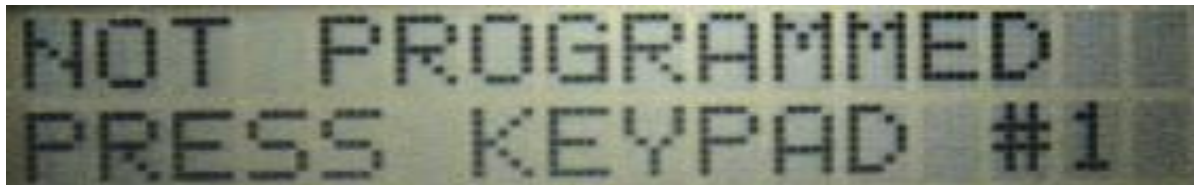# This guide is to help you program your EC4 product.
(SEE QUICK REFERENCE GUIDE FOR CONDENSED VERSION)

Programming Emergency Numbers

1. **Apply power to your EC4. Plug your AC-2P power supply into wall outlet. Make sure the AC-2P is plugged into the top of your EC4.**
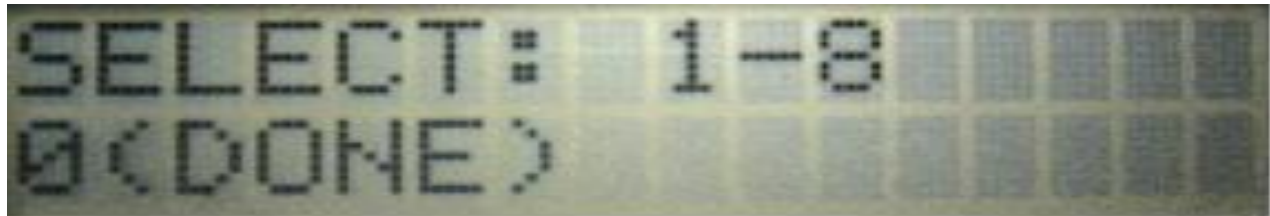
   LCD Display Will Show


```
NOT PROGRAMMED
PRESS KEYPAD #1
```

2. **Press 1 to add the first phone number to call**

   LCD Display Will Show

```
SELECT: 1-8
0(DONE)
```

3. Press 1 Again

LCD Display Will Show

```
PAGER
1(YES)  2(NO)
```
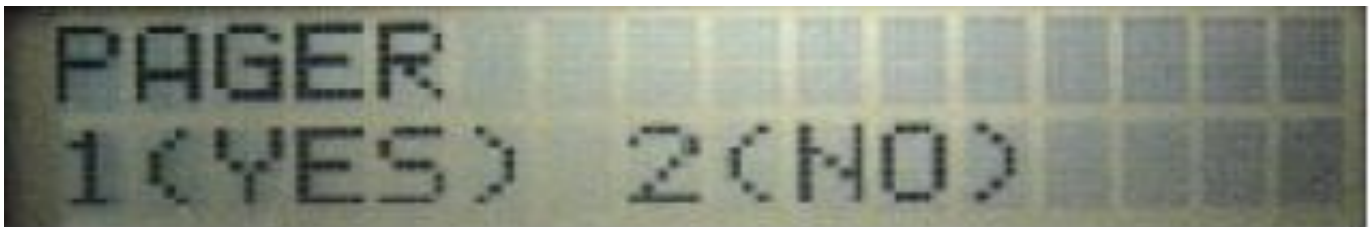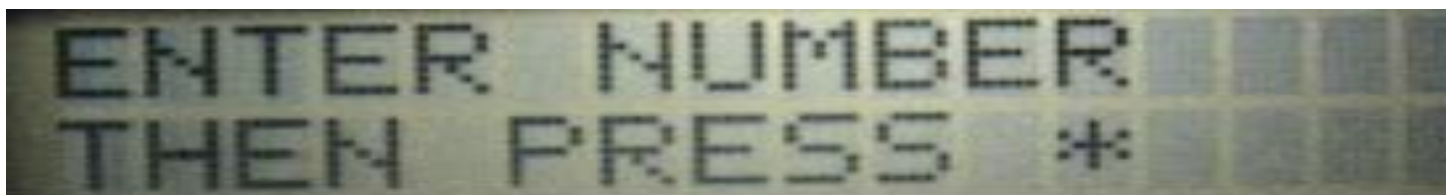
4. Press "2 for No". If you are going to send emergency message to a pager number, press 1 for yes to add pager number. See Pager number programming below if needed.

LCD Display Will Show

```
ENTER NUMBER
THEN PRESS *
```

If you are entering more than one phone number, you must select the location for each number Example: Select 1 for your first

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Emergency number, Select 2 for your second number, Select 3 for the third and so on. Dialer will take up to 8 telephone, cellphone or pager emergency numbers

You now can enter up to 8 phone numbers. Enter each phone number one by one.

Enter your first desired phone number. If the number is long distance, enter area code (Number 1 first) then phone number.

If you are entering a cell phone number, please enter two (2) "**P**" (Pauses) at the end of the last digit for each phone number. Do this for every cell phone number. Press the "*" button to save after entering each number.

Examples of how to enter phone numbers

Example for landline telephone with area code: **18581234567***
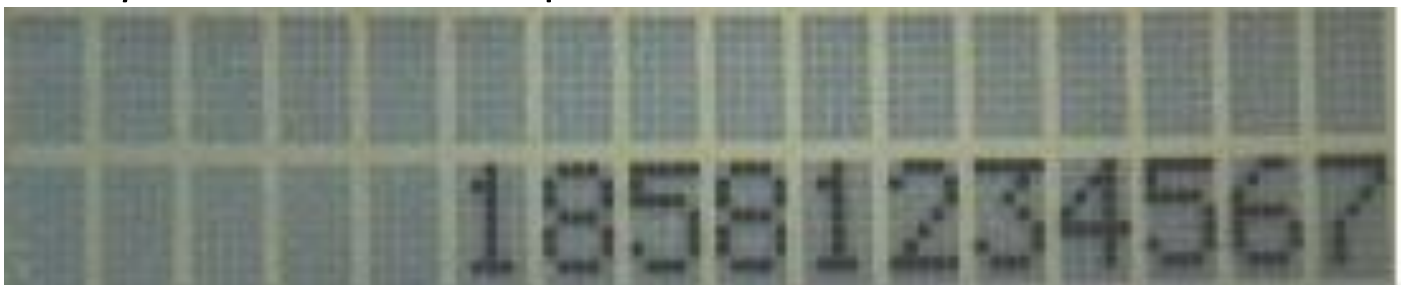
Example for cellular phone with area code: **18581234567PP***

If you entered the wrong number, the dialer cannot cycle backwards, only forward.

If this happens just hit the * button and continue with Step 2 by entering the location for number to correct (1-8). Wrong numbers can be over written by going through the same process again.

Once all of your emergency phone numbers have been entered, **Press 0 (DONE).**

5. Once you have pressed 0 to end emergency number entry display will show
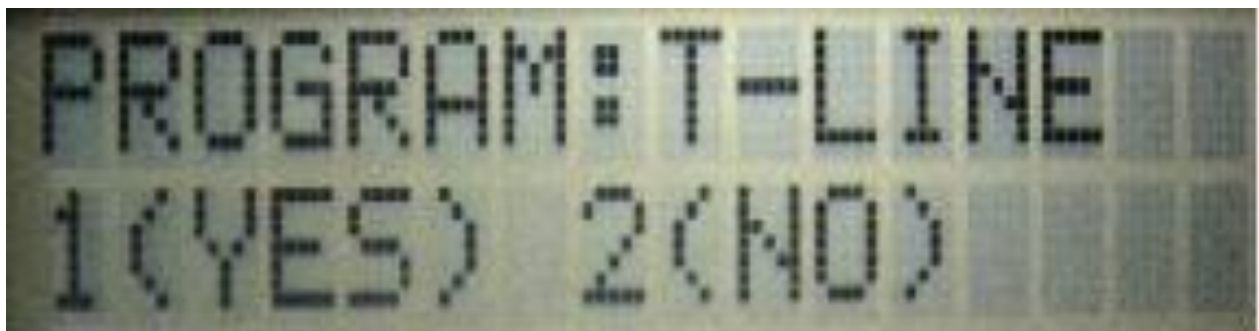
If your telephone line requires dialing a single number or digit to get an outside line or dial tone to call out, continue with 5a.
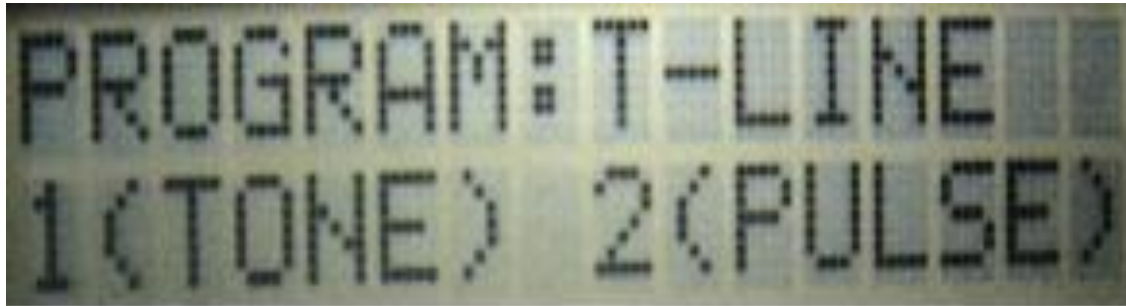
If not, Press 2 (NO) and proceed to 6.
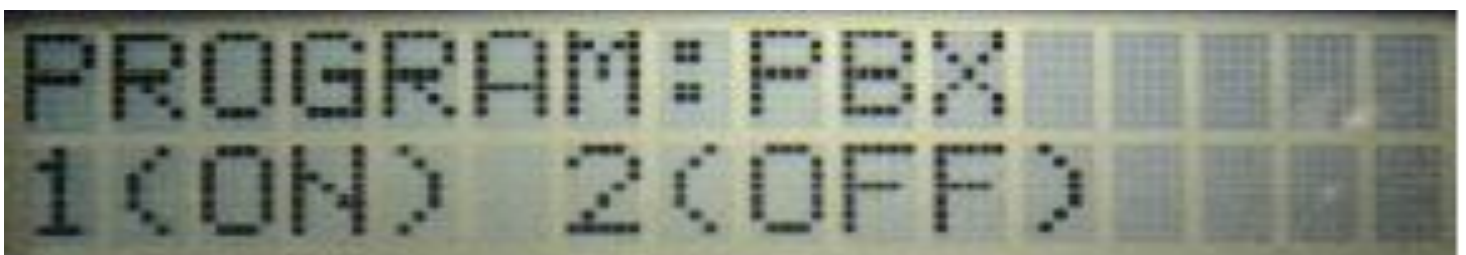
5a. Press 1 (YES) to Program T-LINE.

LCD will display:

Press 1 (TONE**)** if you are using a standard telephone line with a dial tone. (Dialer is Pre-set to TONE).

Press 2 (PULSE) if you are using a telephone line that uses pulse relay to dial out. (Typically Not Used)

LCD will display

This step is where you will program the digit to dial out in order to get an outside line or dial tone. (Dialer is Pre-set to OFF)

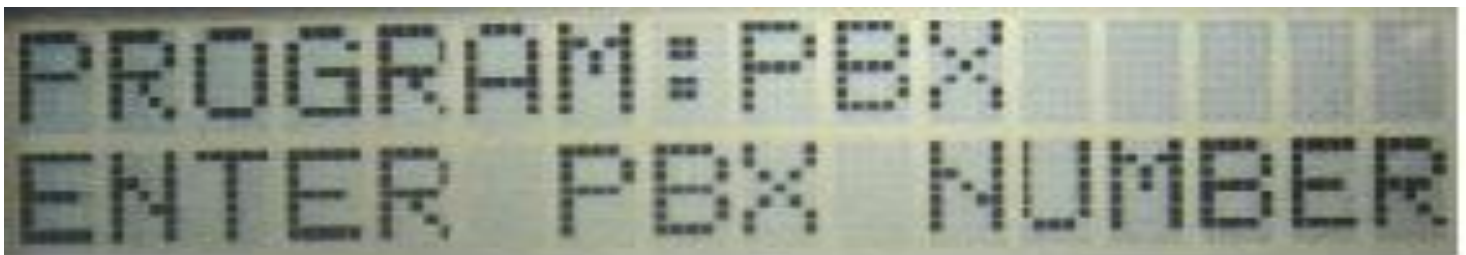If your phone system requires dialing a digit to get an outside line or dial tone, **Press 1 (ON)**.

If your phone system does not require a digit to get an outside line or dial tone, **Press 2 (OFF)**.
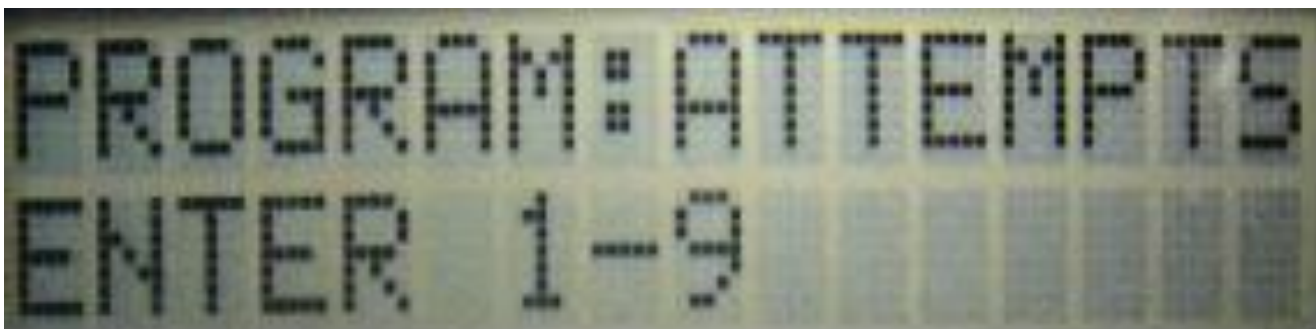
If you pressed 1 (ON)

 LCD will display

PROGRAM:PBX
ENTER PBX NUMBER
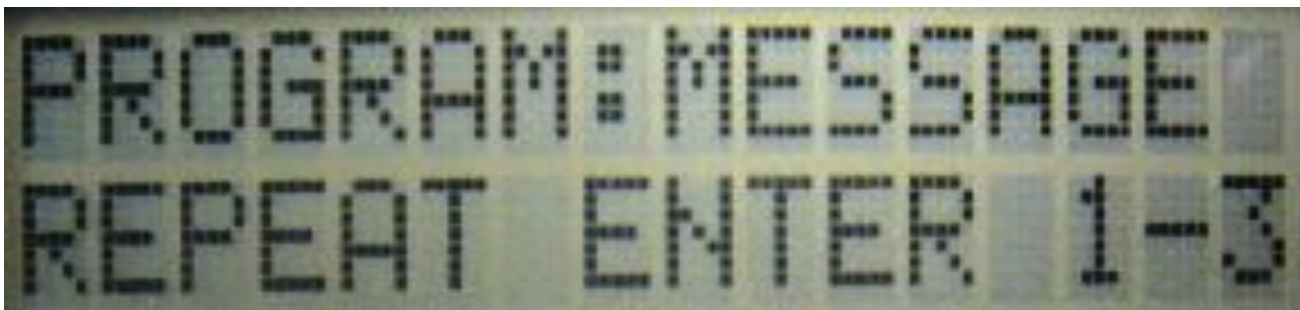
Enter the number to dial out (1 digit)

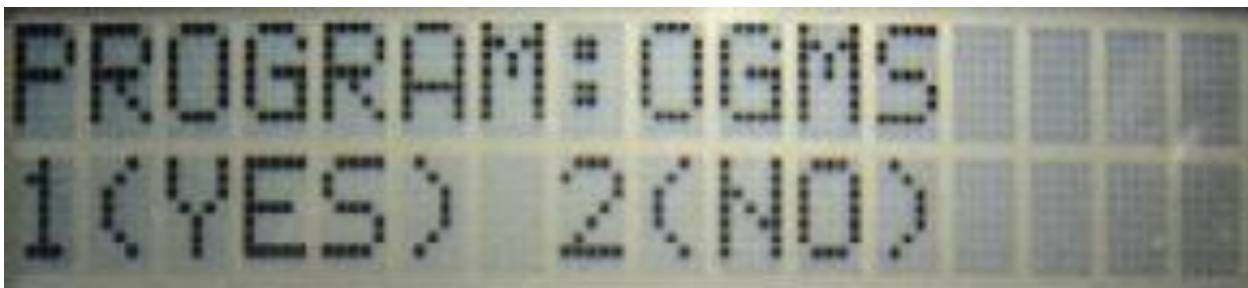LCD will display

PROGRAM:ATTEMPTS
ENTER 1-9

You can control how many times the dialer will call each emergency numbers that you programmed into your EC4 Emergency Caller. Enter desired number of attempts. (Dialer is Pre-set to 2 attempts).

LCD will display

You can control the number of Out Going Messages (OGM's) that will be delivered to each number. Enter desired number of Messages repeated.
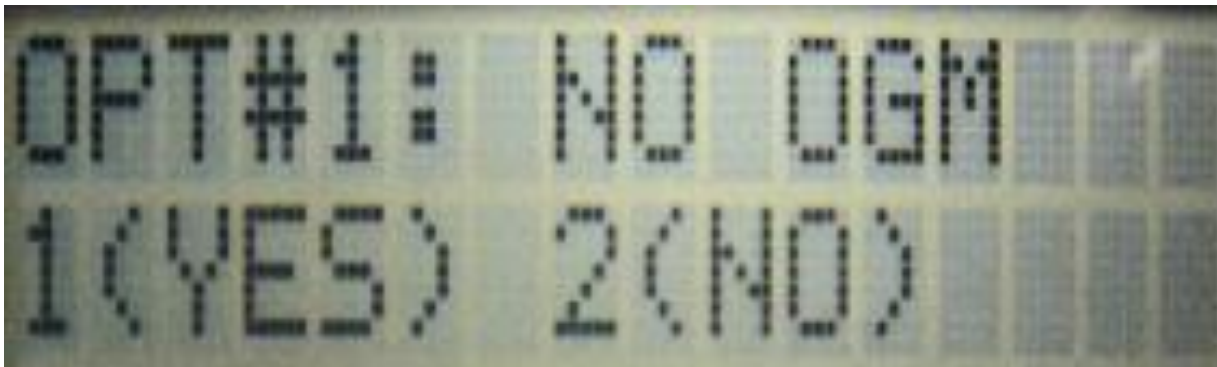(Dialer is Pre-set to 2 Messages).

LCD will display
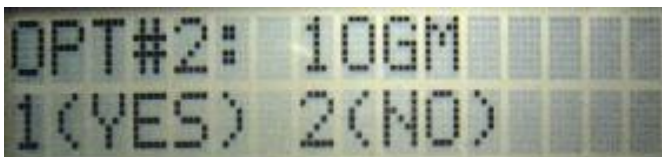
6. Press 1 (YES) to program Emergency Caller Out Going Message (OGM)
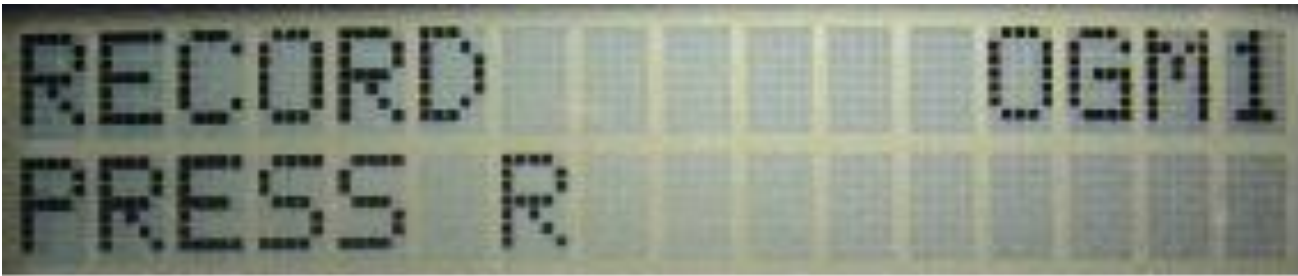
   LCD will display:

Press 2 (NO)

LCD will display

Press 1 (YES)

LCD will display

This is where you will record your emergency message that will notify all phone numbers of your need for help.

Before recording, it is recommended to write down what your OGM will say.

Hold the Dialer 6 inches away from you. Prepare yourself to speak directly at the small MIC on the left side of the Dialer.

When you are ready to record, HOLD DOWN the "**R**" button while you are recording your message at the same time. Release the "**R**" button when you are finished recording.

Your OGM should be at least 10 seconds long and up to 52 seconds for a single channel system (13 seconds for each channel)
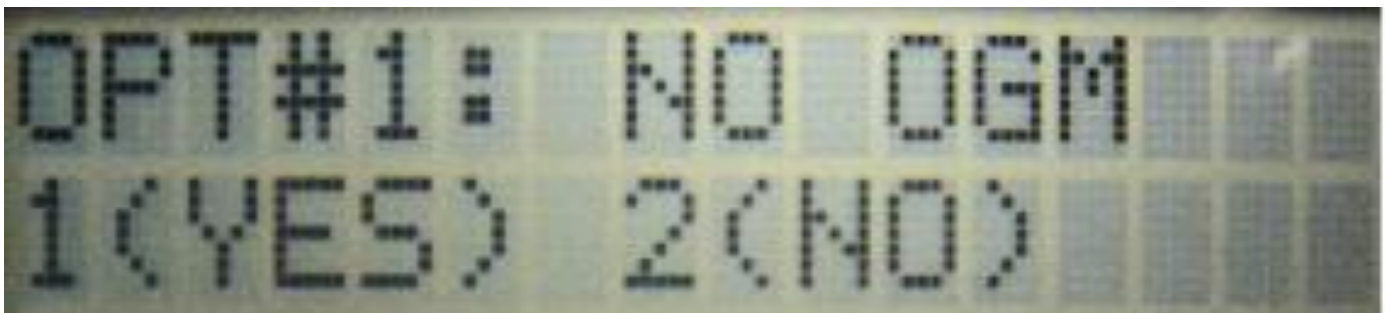
LCD will display

Press 1 (YES) to listen to your OGM that you recorded.
After the OGM has been played, the LCD will display:

```
ACCEPT
1(YES)  2(NO)
```

Press 1 (YES) if you are satisfied with your OGM.
Press 2 (NO) if you wish to re-record your OGM and it will bring you back to:

```
OPT#1: NO OGM
1(YES)  2(NO)
```

Follow the steps above from Step 6 until you are satisfied with recording your OGM.
Once you are satisfied with your OGM Press 1 (YES) to Accept.

The LCD will display

Disabling the MIC will turn off the One-way and two-way communication.

Press 1 (YES) if you want to disable the One-way and two-way communication

Press 2 (NO) to turn On the One-way and two-way communication. For more information regarding the One-way and Two-way communication feature, please refer to the **Additional Features** section on the set up guide.

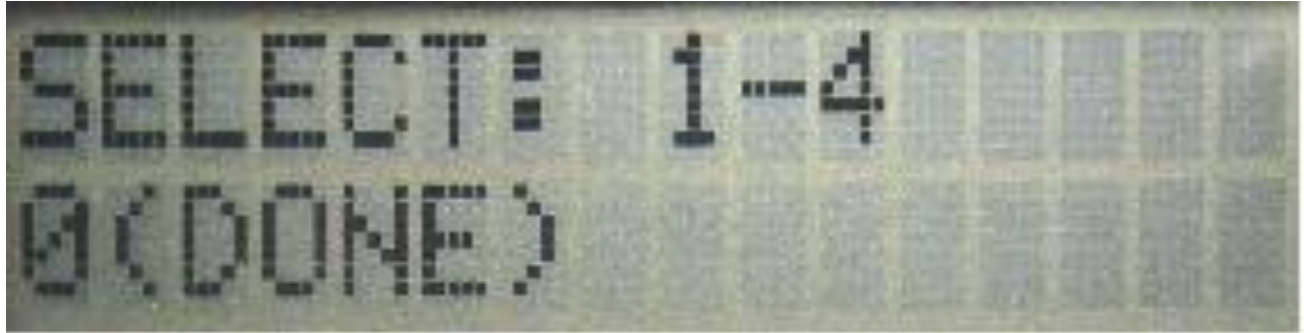7. **Programming Channels**

The LCD will display

Press 1 (YES).

LCD will display

This step is where you must program your input channels for Normally Open (N.0) or Normally Closed (N.C) contact activation.

If you purchased the *EC4* Emergency Caller with a Transmitter(s), they have been programmed at the factory.

Special Note:
To Add P4S & LRT-4 Transmitters
During Step 7 – Programming Channels, the P4S & LRT-4 transmitter should match each letter corresponding to the channel and **must** be set shown below:
Button A for Channel 1
Button B for Channel 2
Button C for Channel 3
Button D for Channel 4

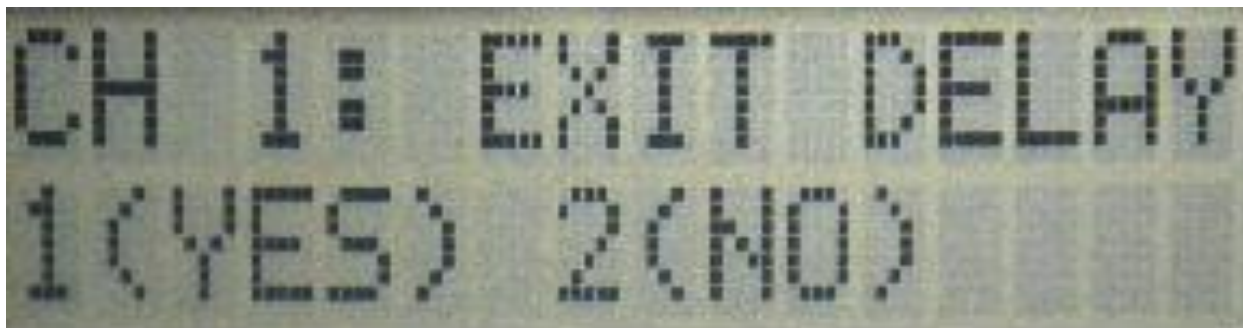Select 1 to enter Program Channel 1.

LCD will display

**CH 1:   ENABLE
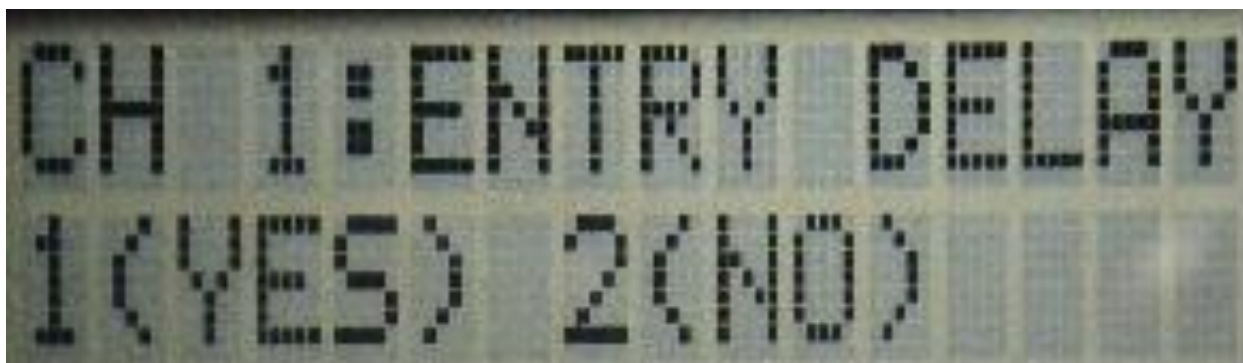1(YES) 2(NO)**

Press 1 (YES) to enable Channel 1

**CH 1: EXIT DELAY
1(YES) 2(NO)**

Press 2 (NO). LCD will display

**CH 1:ENTRY DELAY
1(YES) 2(NO)**

Note: Entry – Exit Option
Entry / Exit Delay is an option of the Emergency Caller. We recommend not activating this feature with our Emergency Caller product.
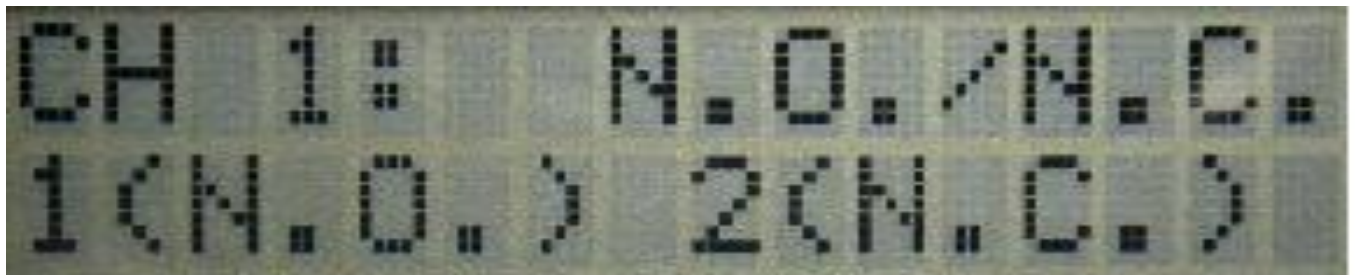
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For the Exit/Entry Delay option, you can program how many seconds you want to delay the dialer from calling out phone numbers.

Your max delay time is 199 seconds.

The Exit/Entry Delay option is typically not used. If you would like a delay press 1 (YES)

```
CH 1:    N.O./N.C.
1(N.O.) 2(N.C.)
```

N.O. is Normally Open and N.C. is Normally Closed
EC4 products are set N.C. Normally Closed
If you purchased the *EC4*, Press 2 (N.C.).

 LCD will display

```
CH 1:       MOM/CONT
1(MOM) 2(CONT)
```

MOM is Momentary and CONT is Continuous.
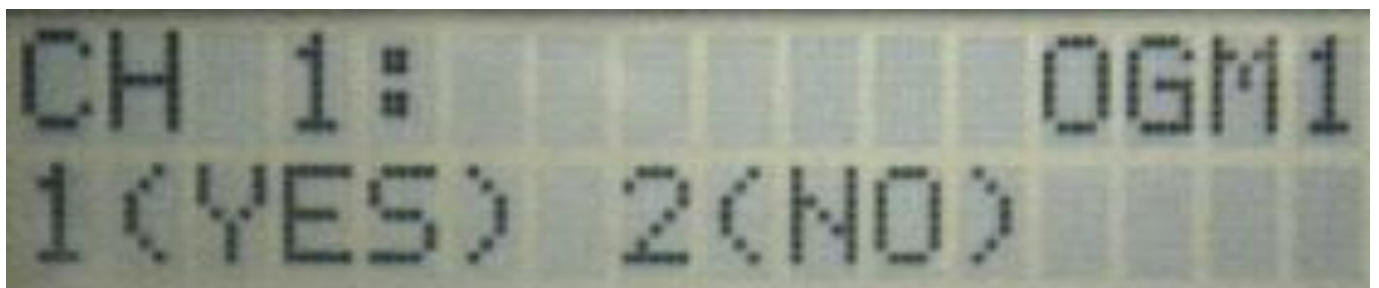EC4 products are set to (MOM) Momentary.

Press 1 (MOM).

LCD will display
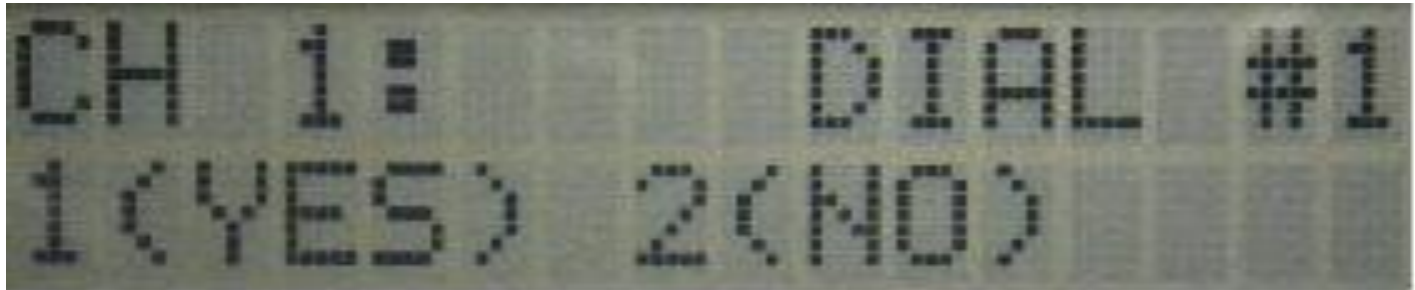
This setting will dial all the phone numbers that you have programmed. Make sure you hit "**1 (YES)**" for all the phone numbers you want the dialer to call.
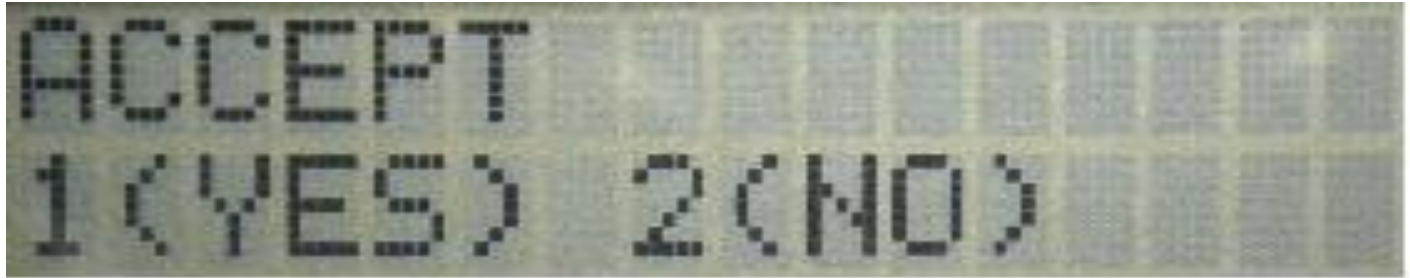
LCD will display:

8. This setting will enable the personal Out Going Message (OGM) that you recorded earlier.
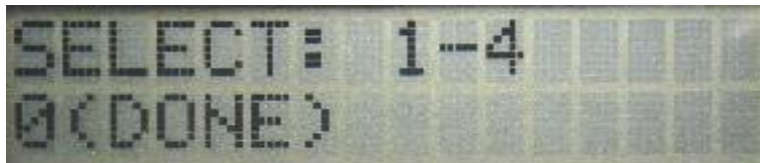Press 1(YES).

LCD will display

ACCEPT
1(YES) 2(NO)
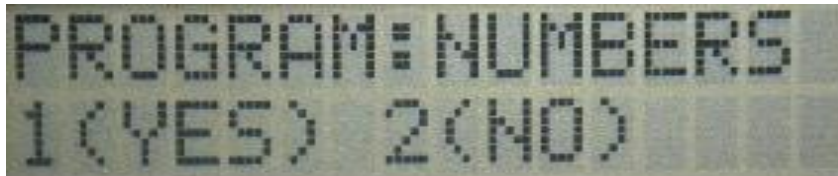
Press 1(YES) to Accept. LCD will display:

SELECT: 1-4
0(DONE)

Press 0 (DONE). LCD will display:

PROGRAM:NUMBERS
1(YES) 2(NO)

Note (If you purchased more than One Transmitter)
Keep in mind that each channel can only support one transmitter.
(The EC4 dialer has 4 channels)
If you have purchased more than one transmitter, you must
Select: 1 Channel 1 for the first transmitter
Select: 2 Channel 2 for the second transmitter
Select: 3 Channel 3 for the third transmitter
Select: 4 Channel 4 for the fourth transmitter

9. You are now finished programming the EC4 Dialer. In order for the Dialer to monitor your transmitters, it must be in the "OPERATE" mode.

To do this, press the "M" button on the keypad until the LCD will display

Note: If for any reason the Dialer automatically Dials out without triggering a transmitter, pay close attention to **Step 8: CH 1:   N.O./ N.C**. You want to set is as **N.C.** for all EC4 Transmitters.

The dialer will now monitor any alarm activation.

Testing Phone Numbers   *RECOMMENDED*

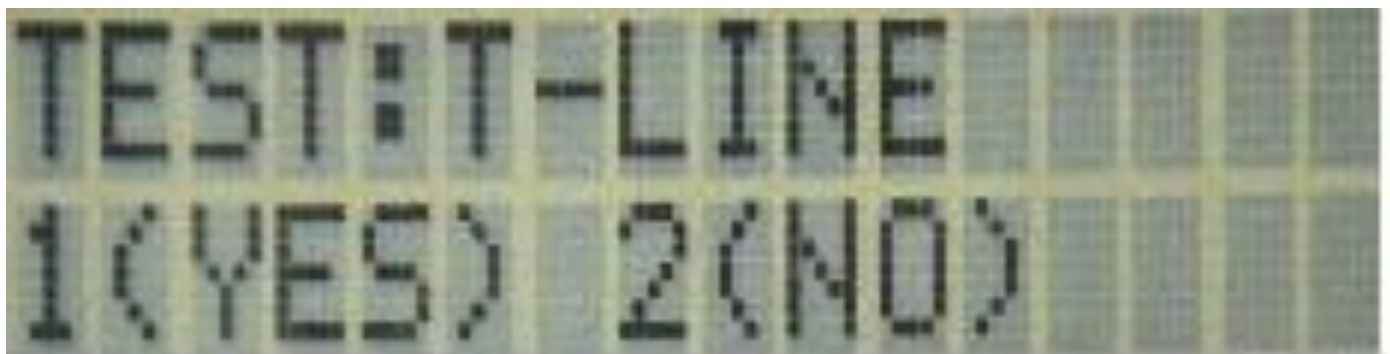If you want to view your saved phone numbers, hit the "M" button on the dialer until the dialer will display:

MIC ENABLED
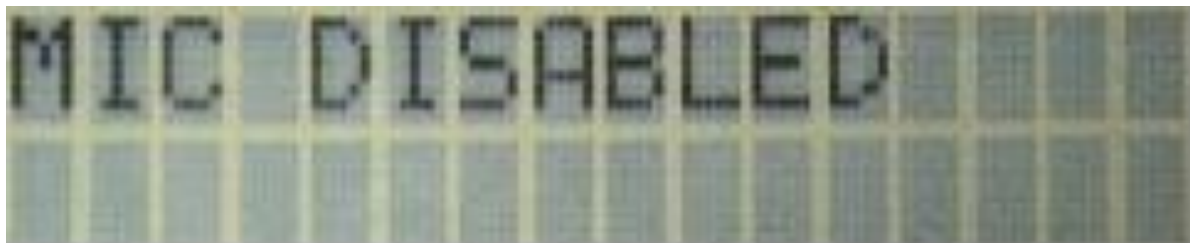
or

The screen will automatically change within 3 seconds and the

LCD will display

TEST:T-LINE
1(YES) 2(NO)

Press 2 (NO).

The LCD will display:

TEST:CHANNELS
1(YES) 2(NO)
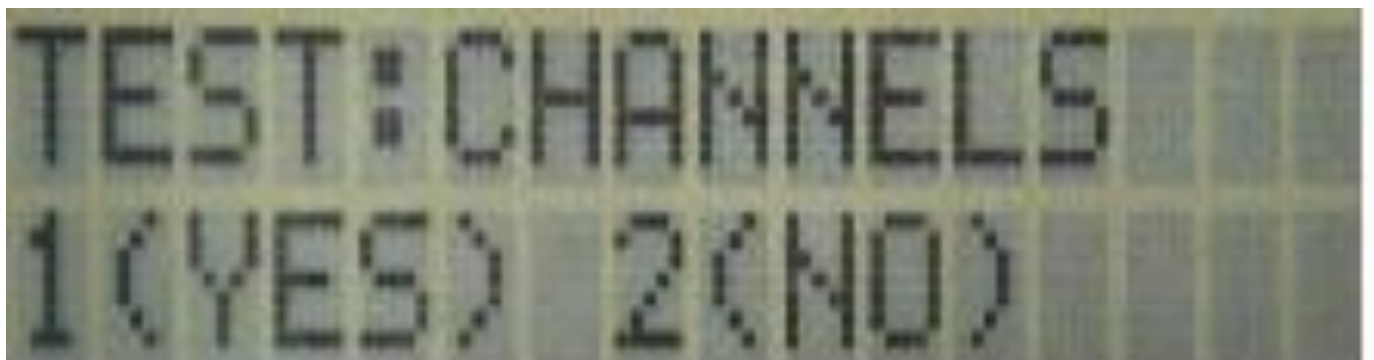
Press: 1 (YES) for channel 1.

Select 1 for channel 1, Select 2 for channel 2, Select 3 for channel 3, Select 4 for channel 4

The LCD will display


```
SELECT: 1-4
5(ALL)  0(DONE)
```
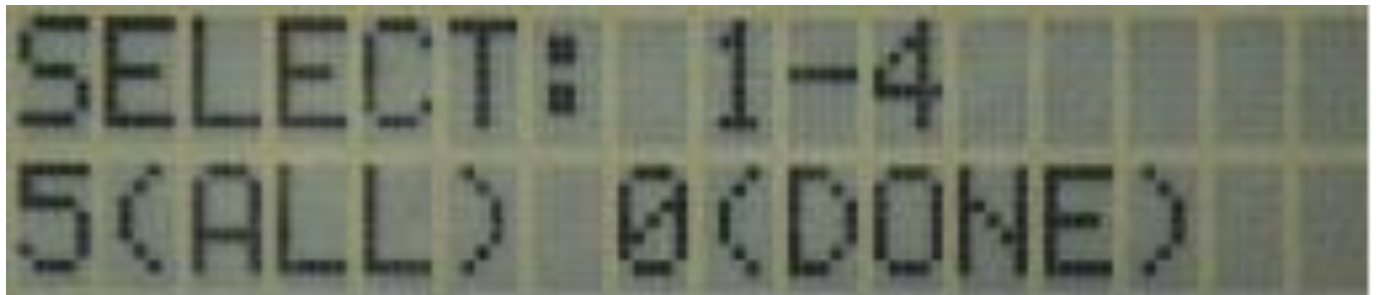
If you are using the EC4 transmitter then select 1.

This is where you can select each channel and view step by step what has been programmed and saved. It will also display all the phone numbers you have saved and will display them one phone number at a time.

When you are satisfied and want to go back to the "OPERATE" mode, simple press 0 (DONE) then press the "M" button until the LCD will Display "OPERATE"

OPERATE

Your phone numbers have been tested and EC4 is active.

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