

# Instructions for Installing & Programming the Mini HotDialer™

Install the **Mini HotDialer™** dialer as shown in the picture below, if it's not pre-installed in a phone. The **Mini HotDialer™** only works on standard analog telephone lines, analog station ports and analog telephones.

The **Mini HotDialer™** is telephone line powered and has non-volatile memory so it will **not** lose its programming when unplugged from the phone line.



## Program Quick Reference:

Register	Register description	Valid entries	Default data
01	Hotline dial number	1234567890*,#1,#2	empty
11			
12	Off hook dial delay in milliseconds	1-3000	750
13	Restrict calls	0-1	0
14	DTMF on time in milliseconds	50-500	100
15	DTMF off time in milliseconds	50-500	100
16	On hook timing in milliseconds	150-1000	800
17	Off hook timing in milliseconds	100-2000	100
70	Program password	12345678908*,#1	
88	Restore default settings		
99	Exit programming		

## To Enter Programming:

Lift the telephone handset and dial the default programming password: XXX You'll hear one beep. You are now in programming mode and can enter any valid program Register.

If you enter the password incorrectly you won't hear the one beep, and you'll have to hang up the phone for the amount of time programmed in **Register 16** (800ms by default). Then lift the handset again and enter the program password correctly.

To exit programming dial 99, wait for a beep, and hang up.

If you have previously programmed the **Mini HotDialer™** to dial when the handset is lifted **you will have to wait** for it to finish dialing **before** entering program mode!

If you hear **4 beeps** this means a program entry was **incorrect**.

## Programming:

Steps in programming the **Mini HotDialer™**:

1. Enter programming mode (see above)
2. Dial the Register number (like 01 from the above list) and you will hear 1 beep
3. Dial the program data
4. Dial # # to save the Register entry you just programmed, and you'll hear 2 beeps

**Example:** 01 beep 18005551212 # # beep beep. This programs the Hotline Number to Dial with 1-800-555-1212

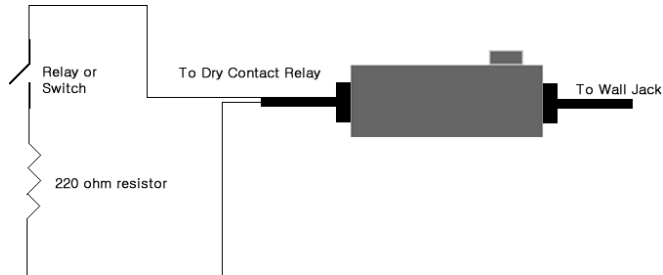
## Entering Special Characters to Dial During Programming:

#1 = # (To dial a #)

#2 = 500ms pause (1/2 second pause)

You can use these two Special Characters in **Register 01** (Hotline Number to Dial)

## Connections for Dialing Triggered by an Optional Dry Closure:



## Register 01 – Hotline Number to Dial:

When this register is programmed with a number the **Mini HotDialer™** will dial this number automatically when the telephone handset is taken off hook.

**Example:** You want the dialer to dial 1-800-555-1212 when the phone goes off hook:

1. 01 beep
2. 18005551212
3. # # beep beep

**Example:** You want the dialer to dial 9, Pause for **1 second**, then dial 1-800-555-1212 when the phone goes off hook:

1. 01 beep
2. 9 #2 #2 18005551212 (Each #2 is a ½ second pause)
3. # # beep beep

**Example:** You want to remove the hotline number you just put in:

1. 01 beep
2. # # beep beep

## Register 11 – Unused:

1. 11 beep
2. 0
3. # # beep beep

Must be set to 0, the default value

## Register 12 – Off-Hook Delay in Milliseconds (ms):

This register determines the delay from when the phone goes off-hook to when it dials the hotline number from **Register 01**.

**Example:** You want the dialer to delay 2000 milliseconds (2 seconds) before dialing the hotline number:

1. 12 beep
2. 2000
3. # # beep beep

## Register 13 – Call Restrict Mode:

This register instructs the **Mini HotDialer™** to restrict all outgoing calls, such as those entered with the dial on a phone or a **hand-held** pocket type DTMF dialer.

When programmed to **Restrict Outgoing Calls** and a **Hotdial Number is** programmed in **Register 01**, any digits dialed after the **Mini HotDialer™** is done dialing will result in the **Mini HotDialer™** immediately hanging up the line for a moment, coming back off-hook and re-dialing the programmed **Hotdial Number**. Maybe not a great idea on a 911 call?

When programmed to **Restrict Outgoing Calls** and **no Hotdial Number** is programmed in **Register 01**, and a DTMF digit is dialed the **Mini HotDialer™** will immediately hang up the line for a moment and come back off-hook giving you dial tone (but no number can be dialed).

### **Valid Entries:**

0 = Allow outgoing calls

1 = Restrict outgoing calls

**Example:** You want the **Mini HotDialer™** to restrict all calls:

1. 13 beep
2. 1
3. # # beep beep

## Register 14 – DTMF Digit ON Time in Milliseconds (ms):

This sets the duration of the DTMF tone of each digit dialed.

**Example:** You want the DTMF tone **ON** time to be 50 milliseconds (digit duration):

1. 14 beep
2. 50
3. # # beep beep

## Register 15 – DTMF Digit OFF Time in Milliseconds (ms):

This sets the duration of the silent period **between** each DTMF digit dialed. The **ON** and **OFF** times are normally the same.

**Example:** You want the DTMF tone **OFF** time (inter-digit time) to be 50 milliseconds.

1. 15 beep
2. 50
3. # # beep beep

## Register 16 – On-Hook Timing in Milliseconds (ms):

When the telephone handset is placed on-hook the **Mini HotDialer™** waits this amount of time before resetting for a new call.

**Example:** You want the on-hook time to be a minimum of 1000 milliseconds (1 second) before the **Mini HotDialer™** thinks it's OK to start dialing *the next time* the handset is lifted:

1. 16 beep
2. 1000
3. ## beep beep

## Register 17 – Off-Hook Timing in Milliseconds (ms):

When the telephone handset is lifted off-hook the **Mini HotDialer™** waits this amount of time before acknowledging a valid off-hook and starting the dialing sequence.

**Example:** You want the off-hook time to be 100 milliseconds before the **Mini HotDialer™** thinks it's OK to start dialing:

1. 17 beep
2. 100
3. ## beep beep

## Register 70 – Change Program Password:

With this register you can change the default programming password. You must know the old password and be in programming mode to change the password. If you don't remember the new password, **there is no way to recover it!**

**Example:** You want to change the password to 5\*78\* (be sure to write it down and keep it in a safe place!):

1. 70 beep
2. 5\*78\*
3. ## beep beep

## Register 88 – Restore Default Settings (to the values in the Program Quick Reference table):

With this register you can reload the **Mini HotDialer™** default settings.

You **must** know the password or you **can't** default the **Mini HotDialer™**.

**Important:** After you enter 88 # # you **must** wait for the 2 confirmation beeps. **Do not hang up before hearing the 2 confirmation beeps.** Doing so may corrupt the **Mini HotDialer™** database and **it can't be recovered.**

**Example:** Reset the **Mini HotDialer™** programming to default:

1. 88 beep
2. # # beep beep

## Register 99 – Exit Programming Mode:

Dialing this register will exit the programming mode. No # # is needed.

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