

LX350-MDX Auto Dialer

PROGRAMMING & INSTALLATION MANUAL

MODEL

LX350-MDX

REVISION

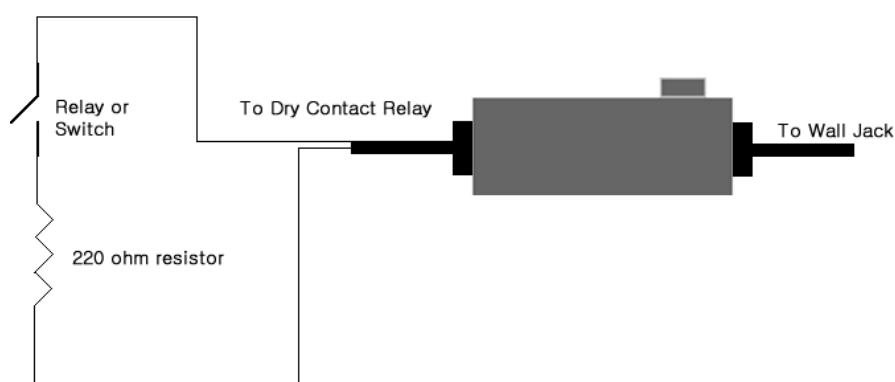
1.10

LINE TYPE

Standard Analog

Installation

Install the LX350-MDX auto dialer as shown in the diagram below. The LX350-MDX only works on standard analog phones. Do not install the dialer on digital-type telephones. The LX350-MDX is telephone-line powered and has non-volatile memory, so it will not lose its program when unplugged from the telephone line.



Connecting the dialer to a dry-contact relay or switch.

Program Register Quick Reference

Reg.	Description	Valid Entries	Default
01	Hotline dial number	1234567890*, #1, #2	empty
11	Pulse digit handler	0–3	0
12	Off-hook dial delay (ms)	1–3000	750
13	Restrict calls	0–1	0
14	DTMF on time (ms)	50–500	100
15	DTMF off time (ms)	50–500	100
16	On-hook timing (ms)	150–1000	800
17	Off-hook timing (ms)	100–2000	100
70	Program password	12345678908*, #1	#0*
88	Restore default settings	—	—
99	Exit programming	—	—

Entering Program Mode

Lift the telephone handset and dial the default programming password #0* — you will hear one beep. You are now in program mode and can enter any valid program register. If you enter the password incorrectly, hang up for the amount of time programmed in register 16, then lift the handset again and enter the program password again. To exit program mode, dial 99, wait for the beep, and hang up. If you have previously programmed the dialer to dial when the handset is lifted, wait for it to finish dialing before entering program mode. Four beeps at any time means a program entry was incorrect.

Programming semantics

- 1 Dial the register number — you will hear 1 beep.
- 2 Dial the program data.
- 3 Dial ## to save the register entry — you will hear 2 beeps.

01 beep 12086391595 ## beep beep – programs the hotline dial number with 12086391595

NOTE: Special character entries for dial-out registers — #1 = # · #2 = 500 ms pause. Register 01 accepts both special characters.

Register Reference

Register 01 — Hotline Dial Number

When this register is programmed with a number, the dialer will dial it automatically when the telephone handset is taken off hook.

Scenario: *You want the dialer to dial 208-639-1595 when the phone goes off hook.*

1. 01 beep
2. 2086391595
3. ## beep beep

Scenario: *You want to remove the hotline number you just entered.*

1. 01 beep
2. ## beep beep

Register 11 — Pulse Digit Handler

Tells the dialer how to handle pulse digits when received.

Valid Entries:

0 = Process normally

1 = Ignore

2 = Restrict

3 = Dial out again as DTMF

Scenario: *You want to use the dialer as a pulse-to-tone convertor.*

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

Register 12 — Off-Hook Dial Delay (ms)

Used with the Hotline dial feature. Determines the delay from when the phone goes off hook to when it dials the hotline number.

Scenario: *You want the dialer to delay 2000 ms (2 seconds) before dialing the hotline number.*

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

Register 13 — Call Restrict Mode

Instructs the dialer to restrict all outgoing calls.

Valid Entries:

0 = Allow outgoing calls

1 = Restrict outgoing calls

Scenario: *You want the dialer to restrict all calls.*

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

Register 14 — DTMF On Time (ms)

Sets the duration of the DTMF tone for each digit the dialer dials.

Scenario: *You want the DTMF tone on-time to be 50 ms.*

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

Register 15 — DTMF Off Time (ms)

Sets the duration of the silence period between each DTMF tone the dialer dials.

Scenario: *You want the DTMF tone off-time to be 50 ms.*

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

Register 16 — On-Hook Timing (ms)

When the telephone receiver is placed on hook, the dialer waits this amount of time before resetting for a new call.

Scenario: *You want the on-hook time to be 1000 ms (1 second).*

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

Register 17 — Off-Hook Timing (ms)

When the telephone receiver is lifted off hook, the dialer waits this amount of time before acknowledging a valid off-hook.

Scenario: *You want the off-hook time to be 100 ms.*

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

Register 70 — Program Password

Change the default program password.

Scenario: *You want to change the password to 5*78*.*

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

Register 88 — Restore Default Settings

Reloads the dialer's default settings. **Important:** after entering 88##, wait for the 2 confirmation beeps — do not hang up before hearing them, or the dialer database may be corrupted.

1. 88 beep
2. ## beep beep

Register 99 — Exit Programming

Dialing this register exits programming mode. No ## is needed.