

TS350-MDX Hotline Telephone

PROGRAMMING & INSTALLATION MANUAL

MODEL

TS350-MDX

REVISION

1.10

LINE TYPE

Standard Analog

Installation

The TS350-MDX only works on standard analog telephone lines. Do not install the telephone on digital-type telephone systems. The TS350-MDX is telephone-line powered and has non-volatile memory, so it will not lose its program when unplugged from the telephone line.

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	—	—

Getting Started

Built-in programming keypad

The TS350-MDX has a built-in keypad for programming — no second telephone required. Remove the front faceplate to access the internal keypad, then use it directly to enter programming mode and set the registers below.

Programming steps

- 1 Remove the front faceplate to access the internal keypad.
- 2 Dial #0* on the internal keypad — you will hear one beep. You are now in program mode and can enter any valid program register. To exit program mode, dial 99, wait for the beep, and hang up. Four beeps at any time means a program entry was incorrect.

Programming semantics

When programming the telephone, use the following semantics — first you must be in program mode (see “Programming steps” above).

- 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 telephone will dial it automatically when the handset is taken off hook.

Scenario: *You want the telephone 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 telephone 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 telephone 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 telephone 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 telephone to restrict all outgoing calls.

Valid Entries:

0 = Allow outgoing calls

1 = Restrict outgoing calls

Scenario: *You want the telephone 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 telephone 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 telephone 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 receiver is placed on hook, the telephone 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 receiver is lifted off hook, the telephone 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 telephone's default settings. **Important:** after entering 88##, wait for the 2 confirmation beeps — do not hang up before hearing them, or the telephone database may be corrupted.

1. 88 beep
2. ## beep beep

Register 99 — Exit Programming

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