

. Advantage 500DE Programming Instructions

When removed from the package, the Advantage 500DE is set up to be armed 24 hours per day with a reset code of *234 and an authorized entry / exit escort time of 30 seconds. If connected only to a set of door contacts, it is an access control perimeter alarm. If the 4101SC magnetic lock is connected to the Advantage 500DE, it becomes an access control door locking system.

Panel Initialization

To reset the panel to factory settings enter *603 *8675309999 nine beeps will be heard. This will reset all programming to factory settings.

Primary Reset Code any 3 digits preceded by *

To change the primary reset code, enter *567 (secondary code) *9876543210#xxx#, one beep should be heard. The xxx is the new three-digit number to be used.

Default
*234

Secondary Code Any 3 digits preceded by *

To change the secondary reset code, enter *567 (secondary code) *9876543211#xxx#, one beep should be heard. The xxx is the new three-digit number to be used.

*567

Authorized Entry Time 15, 30, 60, or 120 seconds

To change, enter *567 (secondary code) * then the corresponding number (hold for 1 Beep)
1= 15 seconds 2= 30 seconds 3= 60 seconds 4= 120 seconds

30 Seconds

Toggle on Toggle off

To toggle off enter *567 (secondary code) *6 holding until 4 beeps are heard
To toggle on enter *567 (secondary code) *6 holding until 1 beep is heard

Armed

PM Program Enable/Disable

To enable PM Program enter *567 (secondary code) *7 hold until 4 beeps are heard.
To disable PM Program enter *567 (secondary code) *8 hold until 1 beep is heard.

Disabled

Latching Delayed Egress: Enabled or Disabled.

To enable enter *567 *0 holding until 4 beeps are heard. To disable enter *567 *0

Disabled

If the Green LED is on, you can go through the door without causing an alarm.

If the Red LED is on, either the door is locked or armed in which case an alarm will occur if the door is opened. However, if the primary or secondary reset code is entered, you may open the door without creating an alarm.

The Anti-Tailgate feature is always enabled. This feature automatically rearms the system when the door is closed following an authorized entry or exit regardless of how much time is left to the Authorized entry time.

A. Option: Armed 24 hours per day, seven days per week

Programming Sequence, no programming required. This is factory default condition.

B. Option: To program the 500DE to have the same arm and disarm times 7 days a week.

1. Enter the programming by pressing *567 *987654321 when you reach the 1 hold the button pressed until you hear the panel beep once.
2. Enter the current day of the week. 1 for Monday, 2 for Tuesday, 3 for Wednesday, ... 7 for Sunday
You will hear 2 beeps.
3. Enter the current time of day, in military time. Example 2:03 PM would be 1403.
You will hear 3 beeps.
4. Enter 0, this programs all days of the week the same.
You will hear 1 beep.
5. Enter the time you want the Exit to disarm. Example 7:00 AM would be 0700.
You will hear 2 beeps.
6. Enter the time you want the Exit to arm. Example 5:00 PM would be 1700.
You will hear 3 beeps.
7. To exit programming, press *.
You will hear 4 beeps.
8. To activate the new PM Mode enter *567 *7 holding the 7 till you hear 4 beeps. This may take up to 10 seconds, to hear the beeps.

C. Option: To program the 500DE to have the same arm and disarm times during the week, and the weekend armed 24 hours.

1. Enter the programming by pressing *567 *987654321 when you reach the 1 hold the button pressed until you hear the panel beep once.
2. Enter the current day of the week. 1 for Monday, 2 for Tuesday, 3 for Wednesday, ... 7 for Sunday
You will hear 2 beeps.
3. Enter the current time of day, in military time. Example 9:17 PM would be 2117.
You will hear 3 beeps.
4. Enter the day of the week to be programmed, 1 for Monday.
You will hear 1 beep.
5. Enter the time of day the system will disarm itself-- use military time
You will hear 2 beeps.
6. Enter the time of day the system will arm itself-- use military time
You will hear 3 beeps.
7. Continue using steps 4 through 6 until all days of the week have been programmed.
8. To exit programming mode press *
You will hear 4 beeps
9. To activate the new PM Mode *567*7 holding for 10 seconds

D. Option: Different days have different programs (one per day)

1. Enter the programming by pressing *567 *987654321 when you reach the 1 hold the button pressed until you hear the panel beep once.
2. Enter the current day of the week. 1 for Monday, 2 for Tuesday, 3 for Wednesday, ... 7 for Sunday
You will hear 2 beeps.
3. Enter the current time of day, in military time. Example 9:17 PM would be 2117.
You will hear 3 beeps.
4. Enter the day of the week to be programmed, 1 for Monday.
You will hear 1 beep.
5. Enter the time of day the system will disarm itself-- use military time
You will hear 2 beeps.
6. Enter the time of day the system will arm itself-- use military time
You will hear 3 beeps.
7. Continue using steps 4 through 6 until all days of the week have been programmed.
8. To exit programming mode press *
You will hear 4 beeps
9. To activate the new PM Mode *567*7 holding for 10 seconds

■ Advantage 500DE Perimeter Access Control

Verify that all wiring connections are complete and wired as shown in the diagrams.

The Advantage 500DE panel should be on and the red LED on.

Open the door. The Advantage 500DE panel should alarm. The green and red LED's will flash and an audible alarm will sound from the Advantage 500DE panel. The #203 Nurse Station will also alarm if your system is so equipped. Close the door.

Enter the reset code into the keypad on the Advantage 500DE panel.

The factory default reset code is *234. This code can be changed by following the programming instructions in this manual.

The Advantage 500DE panel should again be in the armed state with the red LED on.

A. To test the Escort feature.

Enter the reset code into the keypad on the Advantage 500DE panel, the red LED should turn off and the green LED should turn on. Open the door. No alarm condition should be activated. Close the door.