DIGI-KEY IIA

USER'S MANUAL

acron corporation

OPERATING INSTRUCTIONS

Paragraphs that are indicated by a ☐ refer to options that may or may not apply to your system. Those ☐ which your installer has marked with an "X" should be read as they contain information which pertains to your system.

GENERAL DESCRIPTION

The Digi-Key IIA is a digital arming station that provides full system control and displays full system status from one or more convenient locations. A brief description of the functions of each light is shown in Figure I. Additionally, built into each DK-IIA is a miniature sounding device which, when active, indicates various conditions such as Pre-Alarm Warning, Forced Arming or Test Modes of operation.

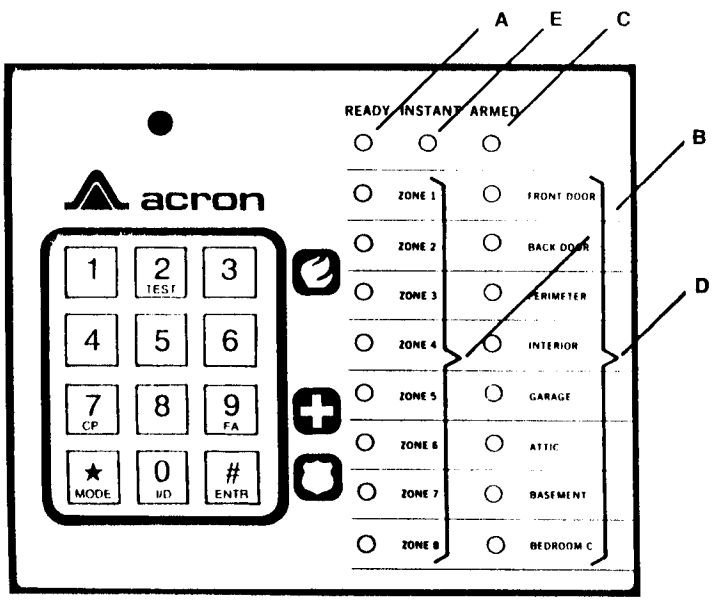
PROGRAMMING

Access code programming is initiated when the push button on the FWC-1* board is depressed for three (3) seconds (see Figure IIA). For your convenience, the installer may have provided your system with a panel mounted momentary keyswitch to perform the program initialize function. Access Codes may now be programmed at each Digi-Key location without the need to press this button again. If this button is pressed, all Access Codes that have been entered at all Digi-Key locations will be erased. You may select any Access Code you desire from one to eight digits in length made up of any combination of the numbers through 9. Your Access Codes may vary from one Digi-Key location to another or remain the same throughout, however you must program each location individually.

Example: The Access Code is to be 8851 at one Digi-Key station (A), and 743 at another Digi-Key station (B). Step 1: Depress the programming push button at the panel for three (3) seconds (see Figure II). Step 2: At Digi-Key station A, press 8, press 8, press 5, press 1, then press the # (ENTER) key. The 8851 Access Code is now entered for Digi-Key station A. Step 3: Go to Digi-Key station B and press 7, press 4, press 3, then press the # (ENTER) key. The 743 Access Code is now programmed at station B.

If a wrong digit is accidently programmed, press the ★ key and re-enter the Access Code

*NOTE: FWC-1 is built in on the AV-3000. Figure IIB shows the location of programming slide switch S1.



A— Green "READY Light" — when on indicates that all protected areas are secure and system is ready to be armed.
B— Red "Zone Lights" — when on indicate that a particular protected area is not secure. A blinking zone light indicates an alarm has occurred and identifies the specific zone that was violated.
C— Red "General ARMED Light" — when on indicates system is armed or on. A blinking armed light indicates that an alarm has occurred.
D— Red "Individual Armed Lights" — when on indicate which specific areas of protection are armed.
E— Amber "INSTANT Light" — when on indicates that delay zones are in Instant Mode.

for that station again. Example: At station B, suppose 75 was entered instead of 743. Press ★, press 7, press 4, press 3, press # (ENTER) key. Station B Access Code is now programmed as 743.

If more Digi-Key stations are installed, the same procedure is to be used. If you desire to change a number at a later time, repeat the procedure. Remember — once the program button is pressed at the panel, all key stations must have their Access Codes programmed.

REPROGRAMMING FROM THE KEYPAD

☐ Changing the access code from individual keypads can be done if the old access code is known. To change enter old code, press ★(mode) key, press CP (change program) key, press ★mode key and enter new code as follows: Assume the new code of 927. Press 9, press 2, press 7, press – (enter) key. The new code 927 is now programmed into your system. This code change effects individual keypads only. Other keypads may be programmed with the same or different codes.

POWER OUTAGE

☐ A fluttering key station display indicates a power outage. In this case, the code 9630# must be entered to disarm the system. The key station may then be programmed to the desired Access Code.

☐ Your installer might have configured the system for a random number on power outage. In this case, the unit cannot be disarmed from the keypad until a new Access Code is reprogrammed.

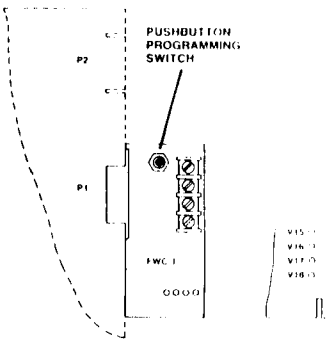


FIGURE IIA

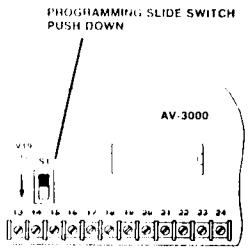


FIGURE IIB

ARMING/DISARMING MODE CHANGING AND ZONE BYPASSING IN CONVENTIONAL MODE

DISARMING SYSTEM

Disarm your system (assume Access → 743), enter your Access Code, [press 7, press 4, press 3, press # (ENTER) key]. The right hand column of indicator lights should all go out. If the left hand indicator lights are on, a door or window is open or a zone is violated. Let us assume that the zone 3 window is open. The zone 3 left hand light will be on. Entering the Access Code will not arm the system because the zone 3 window is open. Suppose that the window is intentionally left open to allow some air circulation and the rest of the zones are to be armed. There are two ways to accomplish this. One is by using the Bypass method, and the other is by using the Force Arming method.

☐ ZONE BYPASS

To bypass a zone, enter your access code, then enter the number of the zone to be bypassed (in this case "3"), then press # (enter). All the other burglary zones except zone 3 will light. Zone 3 is now deactivated. If the window is closed and opened again, an alarm condition will not result as this zone will be bypassed until the system is disarmed and rearmed.

☐ FORCED ARMING

In this mode, all zones will be armed except zone 3 as in the above example. When armed, the READY light will blink, and the audible warning device will sound for a short time and then shut off. The READY light will blink until the system is disarmed. If the window is closed while the READY light is blinking and then reopened, an alarm condition **will** occur.

Forced Arming is accomplished in the following fashion: Enter your Access Code [do not press # (ENTER) button yet]. Press ★ (MODE) button, then press digit 9 (Forced Arming) and then # (ENTER). The system will now force arm. The DK-IIA will remain in the Forced Arm-

ıg Mode until changed. It is changed by epeating the above procedure [enter Access Code, press ★ (MODE), press digit 9 (Forced Arming), and then press # (ENTER)].

ARMING SYSTEM WITH READY LIGHT ON

If READY light is on, all zones may be armed by entering your Access Code and pressing # (ENTER) key.

☐ INSTANT DELAY MODE

This mode works the same as the Forced Arming Mode except the 0 key (Instant/Delay) must be pressed after the ★ (MODE) key and before the # (ENTER) key. Enter your Access Code [do not press # (ENTER) button yet]. Press ★ (MODE), press 0 (Instant/Delay) and then # (ENTER).

The amber light indicates when the Avenger system is in the Instant Mode (the INSTANT light is lit).

Example: The INSTANT light is on indicating the Instant Mode. If the Delay Mode is desired, enter your Access Code, press ★ (MODE), press 0 (Instant/Delay), press # (ENTER). The mode will now change from the Instant Mode to the Delay Mode (the amber light is off).

☐ TEST MODE

Accessing the Test Mode is similar to the Forced Arming and Instant/Delay Modes, except that you press the 2 key after the ★ (MODE) key and before the # (ENTER) key.

Example: Enter Access Code, press ★ (MODE), press 2 (TEST), press # (ENTER). The audible warning will sound until Test Mode is turned off by repeating the procedure.

SPECIAL MODES

- ☐ Duress from keypad
- ☐ Silent alarm from keypad
- ☐ Audible alarm from keypad
- ☐ Fire alarm from keypad
- ☐ Medical alarm from keypad

Consult your installer to determine if your system is configured for any of these options.

☐ DURESS

Duress is used for a hold-up when you're ordered to disarm your system. When used a silent alarm is transmitted to the central monitoring station. Press the 0 key after your Access Code, then press the # (ENTER) key. The system will disarm and a silent alarm will be transmitted.

There are four special emergency codes that can be initiated at the keypad. These emergency alarm key pairs must be pressed *simultaneously* (a feature designed to minimize false alarms). The special key pair combinations are:

1 key and 3 key
4 key and 6 key
7 key and 9 key
★ key and # key

Pressing the # key first and then pressing the ★ key while the # key is still held down will NOT send an emergency signal.

Consult your installer/dealer as to which one(s) of these are used, if any, and which combination initiates which alarm. The special symbols alongside of specific rows are to help you identify which keys to press in case of an emergency situation.

☐ MULTI-USER MODE

Your installer/dealer has assigned specific zones for your area. Other users are sharing the same alarm system. There is very little interaction between users, and arming and bypassing zones can be done without interfering with other users. Bypassing zones is explained in the section on conventional mode. Entering the Access Code and then pressing # (ENTER) will arm all of your zones. (To disarm your section, you must bypass all zones assigned to you.)

Example: You are assigned zones 1, 2 and 3. Your Access Code is 804, and you wish to disarm zones 1 and 3. Press 8, press 0, press 4, press 1, press 3, all zones except 2 will be disarmed. If all zones were to be disarmed, then 1, 2 and 3 would have be be pressed the Access Code is entered and before (ENTER) key is depressed.

In case of an alarm condition, the general arming lamp will be flashing regardless of which user causes the alarm. Entering your Access Code will shut the alarm off. If the general arming lamp does not light again after entering the Access Code, enter it again. This will insure proper system operation.

NOTES: _____

NOTE: Access Code errors in the arming or disarming modes can be corrected by reentering the correct Access Code.

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