Description

The DMP 790 and 793 Demos are portable, hand held keypads that allow you to demonstrate the operation of DMP 32-character LCD keypads for sales and training presentations.

Both keypads operate in either the Area Arming, All/Perimeter, or Home/Sleep/Away modes and simulate arming, disarming and the following User Menu options: **ALARM SILENCE, SENSOR RESET, ARMED AREAS, ZONE MONITOR, SCHEDULES, USER CODES,** and **DISPLAY EVENTS**.

793 Demo Features

The 793 Demo additionally contains a built-in proximity reader for demonstrating the Easy Entry™ system. Just present the card or token whenever the **ENTER CODE: -** prompt is displayed.

Powering the Demo

Your 790/793 Demo operates on a standard 9V Alkaline battery that connects to a harness at the back of the keypad. A battery and holder are supplied as well as some adhesive foam allowing you to attach the battery holder directly to the back of the keypad housing. See Figure 1.
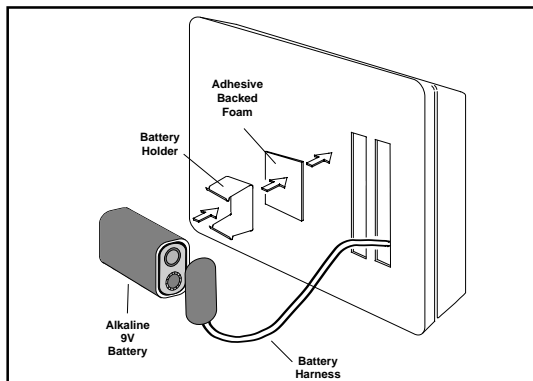
Important: Unplug the 9V battery when not in use.

Figure 1: Connecting the 9V battery

Demonstrating how the system arms

In Area Arming mode, press COMMAND to display **ARM DISARM**. Press the SELECT key under **ARM**. At **ALL? NO YES**, select **YES** to arm all four areas. Select **NO** to arm selected areas. The Demo displays the name of each area along with its area number and a **NO YES** prompt. Select **NO** to leave the area off and display the next area.

In All/Perimeter and Home/Sleep/Away modes, press COMMAND and select from either the **PERIM ALL** or **HOME SLEEP AWAY** options.

During the exit delay in All/Perimeter and Home/Sleep/Away modes, press the SELECT key under **INSTANT** to instantly arm the areas.

Front Door Zone

While the Demo is armed, pressing the first left SELECT key simulates a front door zone fault and starts the entry delay. After 15 seconds, the 790/793 Demo simulates a front door alarm. In the Home/Sleep/Away and All/Perimeter modes, entering any 4-digit code displays **DISARM SILENCE**. Press the SELECT key under **DISARM** to disarm the keypad and silence the alarm. Press the SELECT key under **SILENCE** to silence the alarm only.

In Area Arming mode, entering any 4-digit user code silences the alarm while leaving the areas armed. To turn off the red keypad backlighting, just disarm the system.

Demonstrating how the system disarms

In Area Arming mode, press COMMAND to display **ARM DISARM**. Press the SELECT key under **DISARM**. The Demo displays **ENTER CODE: –**. Enter any 4-digit code. The Demo displays **ALL? NO YES**, select **YES** to disarm all four areas. Select **NO** to disarm selected areas. The Demo displays the name of each area along with its area number and a **NO YES** prompt. Select **NO** to leave the area armed and display the next area.

In All/Perimeter and Home/Sleep/Away modes, Enter a 4-digit code. The Demo displays **ALL SYSTEM OFF**.

Fire Zone Alarm

While the Demo is armed or disarmed, pressing the second left SELECT key simulates a fire zone alarm. The keypad displays **SMOKE DETECTOR** and sounds the alarm. To silence the alarm, enter any 4-digit code. Press the SELECT key under **SILENCE** if required.

To turn off the red keypad backlighting, press COMMAND key until **MENU? NO YES** displays then press the SELECT key under **YES**. At the **ENTER CODE:** prompt, enter any 4-digit code and press COMMAND. At **SENSOR RESET?**, press any SELECT key.

Panic Key Alarm

To demonstrate the manual alarm capability of the LCD series keypads, the 790/793 Demos provide an audible and visual alarm representation of a manual Fire alarm that can be inititated by pressing and holding the two top right SELECT keys. The Police and Emergency Panic alarms will only produce a short beep for demonstration as these keys are used for the Front Door and Fire Alarm activations.

Menu Options

The 790/793 Demo simulates the same keypad User Menu available to customers in actual installations. To enter the menu, press the COMMAND key until **MENU? NO YES** displays then press the Select key under **YES**. At the **ENTER CODE:** prompt, enter any 4-digit code and press COMMAND. Once in the menu, use the COMMAND and ARROW keys to scroll through the available options.

Alarm Silence
Simulates silencing an alarm.

Sensor Reset
Simulates resetting sensors.

Armed Areas
Displays the name of each armed area for 4 seconds.

Zone Monitor
Allows you to select all or some zones to put into the zone monitor mode.

Schedules
Simulates entering schedules into the system.

User Codes
Simulates the adding, deleting, and changing of user codes to the system. After specifying the user level, you can also use the number keys to demonstrate entering a custom user name into the system.

Display Events
This option displays simulated events. Refer to the panel's user's guide for a description of the entries.

User Options Menu

The 790/793 Demos simulate the User Options Menu for adjusting the keypad's brightness, tone, and speaker volume. On an actual installation, these adjustments can be made by the user at any time.

To access the User Options Menu, press and hold the COMMAND and Arrow keys for about five seconds. The display changes to:

```
SET  BRIGHTNESS
< ■■■■■■■■ >
```

Use the top left and right SELECT keys to dim and brighten the display.

Press the COMMAND key. The display changes to:

```
SET   TONE
< ■■■■■■■■ >
```

Use the left and right SELECT keys to set the keypad's tone.

Press the COMMAND key. The display changes to:

```
SET VOLUME LEVEL
< ■■■■■■■■ >
```

Use the top left and right SELECT keys to adjust the keypad's volume.

Installer Options Menu

The 790/793 Demos contain an Installer Options Menu that allows you to customize many of the keypad's features and displays. To enter the Installer Options Menu, press and hold the COMMAND and ARROW keys for about five seconds. The display changes to **SET BRIGHTNESS**. Enter 3577 and press COMMAND. The display changes to:

```
KPD   KPD
OPT  DIAG    STOP
```

Press the SELECT key under **KPD OPT** (keypad options) to display:

```
SYSTEM  TYPE:
*AREA   A/P   H/A
```

(the asterisk shows the current selection)

Three Operating Modes
The first option allows you set the operating mode of the keypad to either Area Arming, All/Perimeter, or Home/Sleep/Away modes. To change the current mode, press the SELECT key under the appropriate choice. An asterisk appears next to your selection.

Press the COMMAND key to display:

```
DEFAULT  KPD MSG:
790  DEMO  KEYPAD
```

You can enter a custom message of up to 16 characters that appears on the top line of the keypad display. This allows you to customize the Demo with a customer's name prior to a sales or training call. To change the default message, press any SELECT key. The current message is cleared and a dash appears to the left. Using the letters under the number keys, you can now enter a new default keypad message.

How to enter alpha text

To enter a new default keypad message into the keypad, you'll be using the number keys (1 through 9) and the left three SELECT keys (number 1, 2, and 3). Under each number key are three letters. the first letter, for example A under the number 1 key, corresponds with the number 1 SELECT key. To make the letter A appear in the display you would press the number 1 key and then the number 1 SELECT key. To make the letter B appear in the display you would press the press the number 1 key and then the number 2 SELECT key. To make the letter C appear in the display you would press the number 1 key and then the number 3 SELECT key. This operation is the same for all groups of letters under the number keys.

Press the COMMAND key to return to the Installer Options Menu. Press the SELECT key under **KPD DIAG** to start the keypad diagnostics.

The first diagnostic test causes the keypad to light all the elements of the LCD panel and the Red backlighting of the keyboard alternately. Press the COMMAND key to continue.

The display changes to:

```
PRESS  KEY  TO
TEST
```

This test allows you to confirm that all the keys are in good working order. As you press and hold a key its number appears in the display. You can test each key except the ARROW and COMMAND keys in this manner.

Press COMMAND to display the Zone Test Feature.

```
Z1 OKAY  Z2 OKAY
Z3 OKAY  Z4 OKAY
```

This feature simulates the zone test feature of the 790/793 keypads. In an actual installation you would be able to open and close the keypad's zones and see the change reflected here. The three different displays you would see here are: **OPEN**, **SHRT** (short), and **OKAY**.

Press COMMAND to display:

```
INPUT WIEGAND
```

This simulates the display an installer would see on an Easy Entry™ keypad using access control readers. The keypad displays **OKAY** when a card is read by the internal proximity reader on a 793 Demo.

Factory Programmed areas

The Area Arming, All/Perimeter, and Home/Sleep/Away modes each contain factory programmed areas.

Area Arming

1- Northwest Office (includes the Front Door)
2- Manufacturing
3- South Warehouse
4- West Power Plant

All/Perimeter - Home/Sleep/Away

1- Perimeter (includes the Front Door)
2- Interior
3- Bedrooms (Home/Sleep/Away only)