790/793 Demonstrator Keypads

Description

The DMP 790 and 793 Demonstrator Keypads are portable, hand-held keypads that allow you to demonstrate the DMP 32-character LCD keypad operation for sales and training presentations.
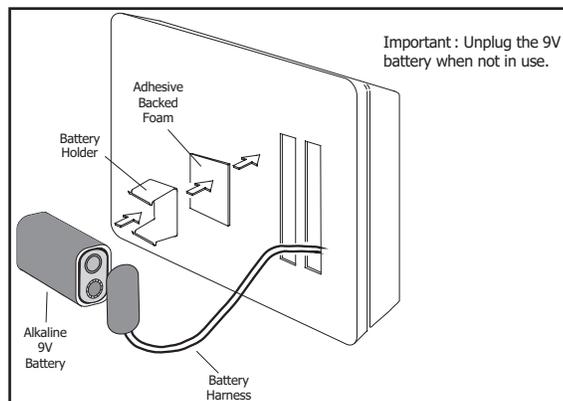
Both keypads operate in either the Area, All/Perimeter, or Home/Sleep/Away modes and simulate arming, disarming, and the following User Menu options: **ALARM SILENCE, SENSOR RESET, ARMED AREAS, ZONE MONITOR, SCHEDULES, USER CODES,** and **DISPLAY EVENTS**.

793 Demo Features

The 793 Demo contains a built-in proximity reader for demonstrating the Easy Entry™ system. Just present the proximity credential when **ENTER CODE: -** displays.

Powering the Demo

Your 790/793 Demo operates on a standard 9V alkaline battery that connects to a harness at the keypad back. A battery, holder, and adhesive foam are supplied. Use the adhesive foam to attach the battery holder directly to the keypad housing back. Install and connect the battery for operation. See Figure 1.

Figure 1: Connecting the 9V battery

Demonstrating How the System Arms

In Area mode, press the COMMAND key 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 disarmed 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.

Anytime a burglary protection area is armed, the red Armed LED is on. When ALL areas are disarmed, the LED is OFF.

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, disarm the system.

Demonstrating How the System Disarms

In Area mode, press COMMAND to display **ARM DISARM**. Press the Select key under **DISARM** to display **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 and 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 keypad is armed or disarmed, pressing the second Select key from the left 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 LCD series keypad manual alarm capability, the 790 and 793 Demos provide an audible and visual alarm representation of a manual Fire alarm. Initiate the alarm by pressing and holding the two top right Select keys. The Police and Emergency panic alarms only produce a short beep for demonstration as these keys are used for the Front Door and Fire Alarm activations.

User Menu Options

The 790/793 Demo simulates the same keypad User Menu available to customers in actual installations. To enter the User 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.

Once in the User Menu, use the COMMAND and Back Arrow keys to scroll through the available options. To access any of the options in the User Menu, press any Select key when the desired prompt displays.

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 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 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 brightness, tone, and speaker volume. At an actual installation, the user can make these adjustments at any time.

To access the User Options Menu, press and hold the COMMAND and Back 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 tone.

Press the COMMAND key. The display changes to:

```
SET VOLUME LEVEL
< ■■■■■■■ >
```

Use the top left and right Select keys to adjust the keypad volume.

Installer Options Menu

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

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 up to a 16 character custom message to appear on the keypad display top line. This allows you to customize the Demo with a customer 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. For information on entering text, see **Entering Alpha Text** on the next page.

Press the Select key under **KPD DIAG** to start keypad diagnostics.

The first diagnostic test causes the keypad to alternately light all the LCD panel elements and the keyboard Red backlighting. 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 Back 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 790/793 keypad zone test feature. In an actual installation you may open and close the keypad's zones and see the change reflected on the display. 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 793 Demo internal proximity reader.

Factory Programmed Areas

The Area, 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)

Entering Alpha Text

Entering Alpha Characters

You can use the keypad to enter alpha characters. To enter an alpha character, press the key that has the desired letter written below it. The keypad display shows the number on that key. To change the number to a letter, press the top row Select key that corresponds to the location of the letter under the key. For example, if you press key number 1, the letters for that key are A, B, and C. Press the first Select key for A, the second for B, and the third for C. See Figure 2.
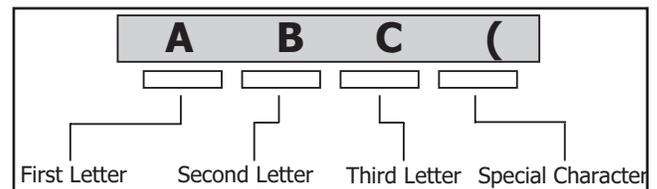

First Letter Second Letter Third Letter Special Character

Figure 2: Entering Alpha Characters

Entering Non-Alphanumeric Characters

When in the Installer Options Menu, each key also has a special, non-alpha character you may use. These characters are not shown on the keypad, but they can be selected by following the key map in Figure 3. Enter a space by pressing 9 then the third Select key. The special characters available are as follows starting with the 1 digit key to the 9 digit key: **( ) ! ? / & $, '** and **- . * #** for the 0 key.
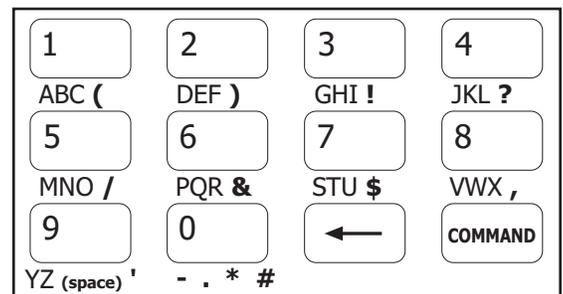
When done, press the COMMAND key to return to the Installer Options Menu.

Figure 3: Letters and Characters Key Map