

**32-CHARACTER
WITH PANIC KEYS**

Models 690 and 790 Security Command

Description

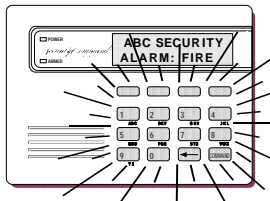
The 690 and 790 Security Command LCD Keypads from DMP offer high quality, cost effective security and fire system controls with an easy to use, Point and Press™ keypad interface. The 32-character LCD readout with full text displays of system events and menu prompts, combined with large backlit function keys, make the 690 and 790 keypads the industry's easiest to use. The keypad's unique Point and Press feature works by displaying options to the user in plain English and allowing them to press the key under their choice.

Each keypad provides a large backlit alphanumeric keyboard and integral multi-tone speaker. Users can perform all system functions from the keypads such as arming, disarming, bypassing zones, and silencing alarms as well as choosing any of the User Menu options such as System Test, Add-Delete-Change User Codes, Schedules, Outputs On Off, and other authority level regulated functions.

The 790 Security Command Keypad also provides four Class B protection zones for use in a variety of burglary and fire applications.

Red Backlighting in Alarm

The 690 and 790 keypads additionally offer one of the most unique features found on any keypad. During an alarm condition on the system, the keyboard backlighting on the 790 turns a bright Red. This change in color from the normal Green backlighting helps persons on-site to instantly recognize an alarm condition.



Built-in Diagnostics

Both keypads also contain an internal diagnostics program that lets installers and service technicians test the operation of the keypad at any time without disabling the system. The diagnostics program tests the keypad's prewarn tone, LCD segments and backlighting, each of the keyboard's 16 keys, and the four protection zones on the 790 keypad.

Supervised and Unsupervised Operation

You can program either keypad for supervised or unsupervised operation on the keypad data bus. When supervised, the keypad occupies its own address. Unsupervised operation allows you to install multiple keypads on the bus with the same address. This feature greatly increases the overall number of keypads you can install to provide maximum flexibility in operating the system.



Features

- 32 character, Liquid Crystal Display (LCD) panel
- Large, backlit Elastomer keyboard
- Custom 16-character home or business name
- Simple harness connection to 4-wire keypad bus
- Compatible with all DMP panels
- Suitable for fire and burglary applications
- Unsupervised mode for multiple keypads per address
- 790 keypads provide four Class B zones
- Each zone individually programmable
- Connect door contacts directly to keypad zones
- Keyboard turns Red in alarm conditions
- View system events/user activity through keypad
- System events shown in plain English
- Attractive keypad housing available in several colors
- Optional keypad deskstand for portability
- AC power LED and Armed LED
- Built-in diagnostics for easy service
- Built-in prewarn tone
- User adjustable brightness, tone, and volume controls
- Distinct Fire, Burglary, zone monitor, and prewarn tones
- Ambush code and Panic signal
- Displays time of day, armed zones, and armed areas
- Powered from panel or auxiliary power supply
- Optional backboxes for conduit or wall mount applications

Approvals

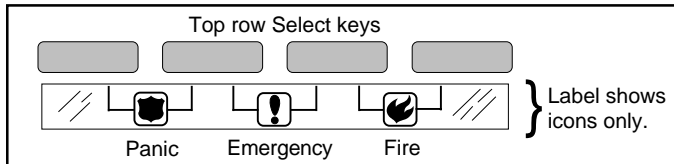


NYC
MEA



2-Button Panic Keys

The 690 and 790 Security Command Keypads allow the top row of keys to be used as 2-button Panic keys. This feature lets the user press and hold two of the keys simultaneously to send either a Panic, non-medical Emergency, or Fire report to the central station. The installer or service technician can enable all three Panic keys or any one or two individually.



Panic key label placement

An adhesive label is provided with the keypads to identify the Panic keys to the user.

User Menu access

Users can access all of the functions necessary to operate and maintain their system right from the keypad User Menu. From Alarm Silence and Reset Sensors to Display Events, any function allowed by the user's assigned authority level can be easily accessed through the keypad. The User Menu is restricted so that a valid user code is required before access is granted to any of the functions. This protection allows you to install the keypad in even high traffic public areas without danger of unauthorized access.

Four Additional Protection Zones

To save you the expense and potential service problems inherent in "home-running" your security devices to the panel, the 790 Security Command Keypad provides four fully programmable Class B protection zones you can use for a variety of burglary and fire applications.

The zones can be programmed with any of the panel's available zone types such as Night, Fire, Fire Supervisory, Panic, Exit, and Emergency. You can connect such devices to the zones as PIRs, door and window contacts, pull stations, sprinkler tamper switches, and silent panic buttons. The flexibility of this design allows you to plan the installation in a way that affords the best coverage possible while eliminating potential problems associated with multiple wire runs.

Multiple Security Command keypads can also be installed on the same wire run to increase the cost savings of each installation.

Retrofit any existing DMP system

Designed to allow easy retrofitting, the Security Command keypads are compatible with all existing DMP panels and wiring and require no special modules or panel upgrades. You can provide a new look and greater functionality to an existing system at just a fraction of the cost for all new equipment.

User Selectable Options

Each keypad provides a simple User Options menu through which users can change the display and speaker characteristics of the keypad. Simply holding the COMMAND and ARROW keys down for two seconds causes the keypad to display **SET BRIGHTNESS**. Once in the menu, the user can adjust the following options using the top row of keys on the keypad.

LCD Brightness - There are eight brightness levels that affect the LCD and keyboard backlighting and the AC LED. A ninth level allows the backlighting to be turned completely off to eliminate any distraction. During alarm and prewarn conditions, the backlighting reverts to its normal setting until the condition is removed.

Tone Adjustment - There are eight tones the user can adjust. The lowest is a 1250 Hz tone and the highest is a 2500 Hz tone.

Volume Level - There are eight volume adjustments the user can make to fit the needs of any environment.

Additional Keypad Features

The 690 and 790 Security Command Keypads also provide distinct sound patterns for Burglary, Fire, Zone Monitor, and Prewarn that can help users identify an event occurring on their system. Below is a list of these tones:

Burglary Alert - A standard burglary siren alert at maximum volume.

Fire Alert - A standard oscillating fire alert at maximum volume that toggles 1 second on and 1 second off.

Door Monitor Tone - A single door bell type tone with a 1 second high and 1 second low duration.

Prewarn Tone - A distinct prewarn cadence.

Keypad Models and Color List

690	Security Command Keypad with 32-character LCD English display, 2-button Panic keys, speaker, and built-in user and installer options.
790	All the features of the 690 plus an additional four programmable Class B protection zones.
Colors	Both keypads are available in White (51), Ivory (52), Black (61), and Red (81) housings.

Keypad Accessories

695	1-1/2" deep metal backbox with 3 dual size knockouts (1/2" by 3/4") for conduit connection. Available in Ivory or Black.
696	1/2" deep metal backbox. Available in Ivory or Black.
699	Smoked plexiglass deskstand. Comes with mounting hardware and keypad harness.

Digital Monitoring Products

2841 E. Industrial Drive Springfield, MO 65802-6310 800-641-4282