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DS7060 Six-zone Control Panels

▶ **Keypad programmable**
▶ **Remotely programmable**
▶ **Custom-programmable alpha display**

The DS7060 Six-zone Control Panels feature a simple function key-based user interface. They accept up to 15 Personal ID Numbers (PINs), are keypad or remotely programmable, support LED and LCD keypads, and multiple languages.

Functions

Keypad Programmable

Use the DS7447E or DS7447V2 liquid crystal display (LCD) keypads. There is no need for expensive hand-held programmers.

Remotely Programmable

Use a standard Hayes modem, WDSRP software for Windows®, and a computer running Windows to program remotely. Using an off-site computer to run diagnostics, arm systems, and bypass zones can reduce service visits.

Custom-programmable Alpha Display

The DS7060 Control Panels support up to 15 Personal ID numbers (PINs) in any combination of four digits.

Keypad Support

- The DS7443S LED Keypad has one LED per zone (LEDs 1 to 6 for main board zones) and four system status LEDs that indicate conditions such as armed, fire alarm, and trouble.

- The DS7445i or DS7445V2 light-emitting diode (LED) Keypads have one LED per zone (LEDs 1 to 8 for main board zones and LEDs 9 to 16 for expansion zones, although only LEDs 1 to 6 are used with the DS7060) and eight system status LEDs that indicate conditions such as armed, fire alarm, and trouble.
- The DS7447E or DS7447V2 Alphanumeric Keypads have two lines of custom-programmable display. You can program 16 characters of custom text for zone and partition descriptions. Adjust the sounder volume and backlight intensity using easy, two-button commands. A DS7447E or DS7447V2 Keypad is required for system programming.

Note LED and LCD keypads can be mixed in the same system. Up to four keypads can be used, but no more than two keypads on any 300 m run.

Six Input Zones

The DS7060 Control Panels accept up to six input zones. The zones can be programmed to provide different functions.

Smoke Detector Alarm Verification

The DS7060 Control Panels can be programmed to automatically reset the smoke detectors, if an alarm occurs. If a second alarm occurs within the verification window, an immediate fire alarm results. Fast response to a fire is maintained while potential false alarms are reduced.

Answering Machine Override

This function is built into the DS7060 Control Panels. No external hardware is required.

Three Telephone Numbers

The system supports two 20-digit telephone numbers with a three- or four-digit account code. Configure each of the two phone number's communication format and choice of pulse or tone dialing. The third phone number is used for remote programming.

Anti-takeover Protection

All or part of the programming can be locked so the program cannot be changed if someone attempts to takeover the account.

Easy Function-key User Interface

- Six labeled function keys eliminate the need for multi-button commands. Enter a PIN followed by the function key to perform functions such as arming, disarming, and resetting smoke detectors.
- The interface has easy to follow procedures. The interface does not use cumbersome menu driven formats, so expert users can quickly access the items they need.
- A programmable Quick Arm feature allows users to turn the system on without a PIN; however, a PIN is needed to turn off the system, silence alarms, or perform system tests.

Flexible Digital Communication

The communicator works with most alarm receivers used today. It supports 3/1, 3/1 Ext, 4/1, 4/2, SIA, Contact ID, High Speed 4/9, personal dialing, and pager digital communicator formats. The pager format allows the control panel to dial a digital pager service and leave a numeric message representing the account number and event code.

Certifications and Approvals

Region	Certification	
Europe	CE	1999/5/EC, EN60950:1992 (2nd edition) +A1: 1002 +A2: 1993, EN50081-1:1992, EN50082-1: 1992
Belgium	INCERT	B-509-0003/c (DS7400XI16-SWE only)
USA	UL	DS7060 only: AMCX: Central Station Alarm Units (UL1610, UL1635), AOTX: Local Alarm Units (UL464, UL609), APAW: Police Station Alarm Units (UL365, UL464), APOU: Proprietary Alarm Units (UL1076), NBSX: Household Burglar Alarm System Units (UL1023)
Sweden	INTYG	Nr04-686

Installation/Configuration Notes

Compatible Products

The following products are compatible with the D7060 Control Panels:

Keypads and Annunciators	DS7443S LED Keypad
	DS7445i LED Keypad
	DS7445V2 LED Keypad
	DS7447E LCD Keypad
	DS7447V2 LCD Keypad
Modules	C900 Dialer Capture Module
	C900TTL-E Dialer Capture Module
	DS7481 Single Phone Line Monitor

Technical Specifications

Burglar/Fire Zone Inputs

Number of Circuits:	6 circuits on board
End of Line Resistor:	2.21 kΩ (P/N: 25899, supplied)

Enclosure Design

Material:	0.8 mm, cold-rolled steel
Dimensions:	23.5 cm x 26.1 cm x 7.6 cm

Environmental Considerations

Temperature (operating):	0°C to +49°C

Fire Siginal Initiating Circuit

Fire Signal Initiating Circuit:	All zones support dry contact devices such as 4-wire smoke detectors.

Keypads

Number of Keypads:	4 keypads
Maximum Wire Length:	305 m each
Wire Type:	4 conductor, 0.8 mm

Note:
Keypads can be up to 305 m from the panel when 0.8 mm diameter wire is used and 1 keypad is connected.

Outputs

The system has 3 outputs that are individually programmable and can be controlled by alarms, access control, ground start, smoke detector reset, or the control panel's arming state.

Programmable Output 1:	Solid state, switch to ground (500 mA maximum)
Programmable Output 2:	Solid state, switch to ground (500 mA maximum)
Programmable Output 3 Typical:	Normally-open contacts that switch to 12 V at 750 mA

Note:
Total current for all devices is 500 mA in standby, and 750 mA in alarm

Power Requirements

Input:	16.5 VAC, 20 VA, 50 or 60 Hz
Auxiliary Regulated Power:	12 VDC to 12.5 VDC, 800 mA
Auxiliary Power Voltage Range:	10.2 VDC to 14.1 VDC
Control Panel Standby Current:	65 mA
DS7443S LED Keypad Standby/Alarm Current:	45 mA
DS7445i/DS7445V2 LED Keypad Standby/Alarm Current:	70 mA
DS7447E/DS7447V2 LCD Keypad Standby/Alarm Current:	100 mA

Ordering Information

DS7060 Control Panel For use in North America	**DS7060**
DS7060-AUS Control Panel For use in Australia.	**DS7060-AUS**
DS7060-BEL Control Panel For use in Belgium.	**DS7060-BEL**
DS7060-CHI Control Panel For use in China.	**DS7060-CHI**
DS7060-FRA Control Panel For use in France.	**DS7060-FRA**
DS7060-ITA Control Panel For use in Italy.	**DS7060-ITA**
DS7060-NOR Control Panel For use in Norway.	**DS7060-NOR**
DS7060-SWE Control Panel For use in Sweden.	**DS7060-SWE**
DS7060-EXP Control Panel For export.	**DS7060-EXP**
DS7060-EXPLT Control Panel For export. Requires a transformer.	**DS7060-EXPLT**
DS7060K-EXP Control Panel For export. Includes a DS7443S Keypad.	**DS7060K-EXP**
DS7060K-LT Control Panel For export. Includes a DS7443S Keypad. Requires a transformer.	**DS7060K-LT**
DS7060-ENCL-KIT Enclosure Kit Includes one enclosure, one lock set, and on tamper switch with bracket.	**DS7060-ENCL-KIT**
Accessories	
ICP-EZTS Dual Tamper Switch Combination tamper switch with a wire loop for additional tamper outputs.	**ICP-EZTS**