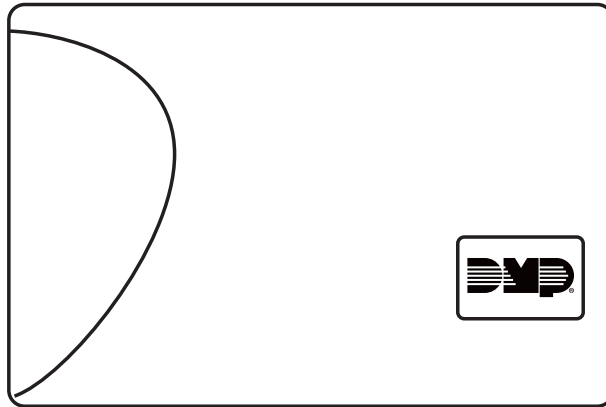


TM Sentry™ Panel

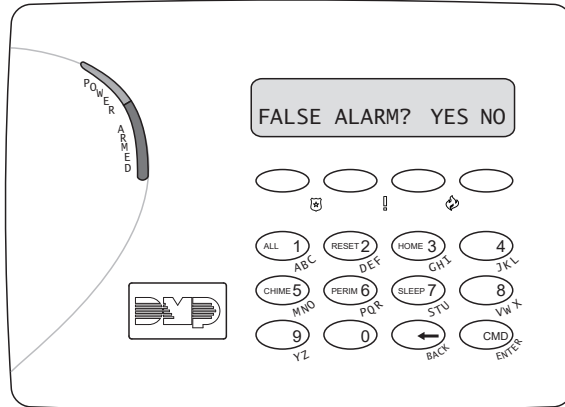
SYSTEM USER GUIDE



HOW TO HANDLE AN ALARM

Enter your user code at the keypad. You will see:

FALSE ALARM? YES NO or **CANCEL VERIFY**



REAL ALARM

Press **NO** or **VERIFY** to notify to the emergency monitoring station.

Your system will remain armed.

FALSE ALARM

Press **YES** or **CANCEL** to cancel the alarm.

Your system will disarm.

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USE YOUR KEYPAD

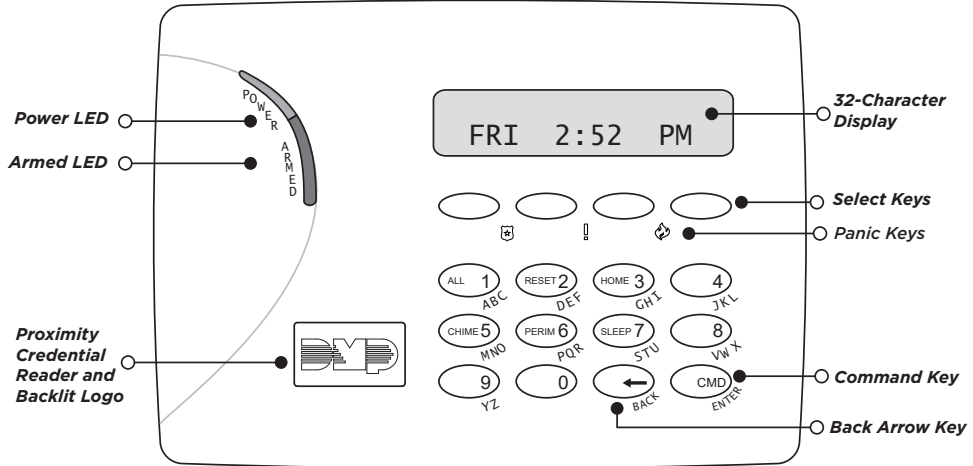
LCD Keypad

Power and Armed LEDs

The DC Power and Armed LEDs indicate your system's power and armed status.

Select Keys

Use the select keys to type and navigate in the keypad.



Command (CMD)

Use CMD to move forward through each section of the user menu. You can also press CMD to save information you have just entered.

Back Arrow

Use the back arrow to back up one step while in the user menu. You can also press the back arrow once to erase the last character you entered.

Select Key

Your keypad has a top row of select keys. Each time you press a select key, the keypad displays a function or series of options.

When there are more than four options available, press CMD to display the remaining options. Pressing the back arrow allows you to review the previous four choices.

Number Pad

1. Choose a letter or symbol from the table.
2. Identify the correlating number key and enter it in the keypad.
3. Identify the select key for that number and press that select key on the keypad.
4. When your letter or symbol displays on the keypad, return to Step 1 or press CMD if you are finished.

NUMBER	SELECT KEY			
	1	2	3	4
1	A	B	C	([{
2	D	E	F)] }
3	G	H	I	! ^ -
4	J	K	L	? "
5	M	N	O	/ \ `
6	P	Q	R	& \$
7	S	T	U	@ %
8	V	W	X	, =
9	Y	Z	Space :	_ ;
0	- +	. '	* <	# >

ARM YOUR SYSTEM

System Type

Your system is divided into up to six areas. Each area has been assigned a custom name, can be armed or disarmed, and can limit system control to only those users with proper authority.

Arm Your System

1. Press **CMD** on the keypad until **ARM DISARM** displays.
2. Select **ARM**. The keypad displays **ALL? NO YES**.
3. To arm all areas, select **YES**. To arm selected areas, select **NO**. The keypad displays each area you have access to. Select **YES** to arm the areas and **NO** to leave the area disarmed.

DISARM YOUR SYSTEM

Disarm Your System

1. Press **CMD** on the keypad until **ARM DISARM** displays.
2. Select **DISARM**. The keypad displays **ALL? NO YES**.
3. Select **YES** to disarm all areas. Select **NO** to disarm individual areas and select **YES** to disarm the area or **NO** to leave the area armed.

How to Handle an Alarm

Enter your user code at the keypad. You will see:

IS THIS A FALSE ALARM? YES NO or CANCEL VERIFY

Real Alarm

Press **NO** or **VERIFY** to notify the emergency monitoring station. Your system will remain armed.

False Alarm

Press **YES** or **CANCEL** to cancel the alarm. Your system will disarm.

USER MENU

Access User Menu

The User Menu allows you to manage users and user codes, manage schedules, display system events, control outputs, and send service requests.

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. You can now scroll down through the list of system features available to you.

Description of Each Option

OUTPUTS ON/OFF

Turn on or off outputs.

USER CODES

Add, delete, or change user codes and authority levels.

SCHEDULES

Add, remove, or change system schedules.

DATE AND TIME

Change the Day, Date, or Time that is currently in the system.

DISPLAY EVENTS

View events that occurred on your system.

SERVICE REQUEST

Send a message to the monitoring center requesting service on the alarm system.

Outputs On/Off

1. Access the User Menu.
2. At **OUTPUTS ON/OFF?**, press any select key. The keypad displays **OUTPUT: - ON OFF**.
3. Press any select key.
4. Enter the output number, then select **ON** or **OFF**.

User Codes

There are three characteristics associated with each user code that define its capabilities within the system.

CHARACTERISTIC	EXAMPLE
User Number	22
User Code	3848
User Name	John Doe
Authority Level	Master

User Number

Users are numbered from 1 to 30. This number identifies them to the system and can be transmitted to the monitoring center when they arm or disarm the system.

User Code

Users also have a 4-digit user code they enter into the keypad when arming or disarming. This user code is kept secret from other users and is not transmitted to the monitoring center when they arm or disarm. Users enter only their own user code when operating the system.

User Names

Each code may also be programmed with the user name. You may enter up to 16 characters for the name.

Authority Level

Users are also assigned a level of authority (Master, Standard, Limited, or Scheduled) by the person administrating the system to determine the functions the user can access.

The Scheduled authority level only functions during a valid schedule, except for arming which can be done at any time. Disarming is allowed outside of a schedule, but an **UNAUTHORIZED ENTRY** message is sent to the monitoring center. All other authority levels function regardless of schedules.

The next table lists system functions users are allowed to access based on the authority level assigned to their codes at the time they are added to the system.

USER AUTHORITY OPTION	SCHEDULED	LIMITED	STANDARD	MASTER
Arm and Disarm	✓	✓	✓	✓
Alarm Silence	✓	✓	✓	✓
Outputs On/Off		✓	✓	✓
User Codes				✓
Schedules				✓
Extend			✓	✓
Set Time				✓
Display Events	✓	✓	✓	✓
Service Request?				✓

Adding User Codes

Add up to 30 users.

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**.
3. Enter the default master code, then press **CMD** until **USER CODES?** displays.
4. Press any select key. The keypad displays **ADD DEL CHG**.
5. Select **ADD** to add a new user code. The keypad displays **USER NUMBER**.
6. Enter a user number, then press **CMD** until **ACTIVE?** displays.
7. Select **YES** to make the user code active, or select **NO** to make the user code inactive. Press **CMD** until **CODE NO** displays.
8. Enter a 4-digit user code, then press **CMD** until **USER NAME** displays.
9. Press any top row key to clear the current text "user name," then enter a 16-character name to identify the user. Press **CMD**. The keypad displays **MASTER? NO YES**.
10. Select **YES** to make this a Master level user with the authority to access all user menu functions. If YES, skip to step 14.
Select **NO** to make this a Standard level user. Steps 11-13 apply only to Standard level users.
11. When **TEMP CODE NO YES** displays, select **NO** to make it a permanent user code or select **YES** to make this a temporary user code. If **YES**, the keypad displays **TEMP DAYS: -**. Enter the number of days (1 to 250) that the temporary user code can operate. Default is **7** days. Temporary users are deleted from the system at 12:00 AM on the last day.
12. When **AREAS** displays, enter the area numbers where this user is to have access. For example, if you want this user to only have access to areas 1 and 2, enter the numbers 1 and 2. Then, press **CMD**.
13. When **ARM ONLY NO YES** displays, select **NO** to allow this user to arm and disarm the system and access all Standard level functions in the User Menu, or select **YES** to restrict this user to arming only. The Arm Only user code can bypass zones not in a normal condition at the time of arming.
14. When **USER # ADDED** displays, press the Back Arrow key once to add another user or twice to exit the user menu.

Changing Your Own User Code

1. At **USER CODES?**, press any select key. The display changes to **USER CODE? CODE NO: *******.
2. Press any select key. The user code is erased and display changes to **CODE NO**.
3. Type your new user code. Press **CMD**. Display will show **USER XXXX CHNGD** to confirm the change.

Changing User Codes

1. At **USER CODES?**, press any select key. The keypad displays **ADD DEL CHG SEND**.
2. Select **CHG** to change a user code.
3. At the **USER NUMBER** prompt, enter the user number to change and press **CMD**.
4. The display changes to **CODE NO: * * * ***. Enter the new user code. If the code you entered is already in use, or is a code used internally by the system, the keypad displays **ALREADY IN USE**. You must enter a different 4-digit user code.
5. The display then shows the current user name. Press any top row key to clear.
6. If you are changing a code other than your own, the keypad next displays **LEVEL?**.
7. Press any select key. The keypad displays **SCH LTD STD MSTR**.



Note: Changing a user code does not change the user number. User number 2 may have their user code changed from 1234 to 5678 but they are still user number 2.

Deleting User Codes

1. At **USER CODES?**, press any select key. The keypad displays **ADD DEL CHG SEND**.
2. Select **DEL** to delete a user code from the system.
3. At the **USER NUMBER** prompt, enter the user number you want to delete and press **CMD**. The display changes to **USER # DELETED**.
4. The display then changes back to **USER NUMBER** for you to delete another user. Press the Back Arrow key twice to exit the User Menu.

Schedules

Permanent Schedules

Permanent schedules are used for automatic arming and disarming and always occur at the same time until you change or delete them.

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **SCHEDULES?** displays.
3. Press any select key. The keypad displays **PRM EXT OUT**.
4. Select **PRM**. The keypad next displays the day of the week you want the schedule to start as **SUN MON TUE WED**. Press **CMD** to show the remaining days of the week and then select the start day.
5. The keypad displays **OPENING TIME?**. Press **CMD**. The keypad now displays **MON - : AM PM**. Enter the time you want the burglary protection to be turned off. Use a 12-hour clock only (12:00 to 11:59).
6. Select **AM** or **PM**. The keypad then displays **CLOSING TIME?**. Press **CMD**. The keypad then displays **MON - : AM PM**. If you want the schedule to be for consecutive days, Select **MON** to increment the days of the week. When the correct day is shown, enter the time you want the burglary protection to turn on.
7. To clear a schedule, press **DELETE** and then **AM** when the opening time is requested. Press the Back Arrow key to exit the User Menu.

Extending a Closing Schedule

1. At **SCHEDULES?**, press any select key. The keypad displays **PRM EXT OUT**. Select **EXT**. The keypad displays **AM PM**.
2. Enter in the new time for the closing schedule to expire.

Output Schedules

Add an Output Schedule

1. At **SCHEDULES?**, press any select key. The keypad displays **PRM EXT OUT**.
2. Select **OUT**. At the **OUTPUT NO** display, enter the output number you want to program.
3. Press the **CMD** key. The keypad displays **SUN MON TUE WED**. Press the **CMD** key to display **THU FRI SAT**.
4. Select the day you want to program. The keypad displays any **ON OFF** times set for that day. The keypad then displays **DELETE KEEP**.
5. Select **DELETE** to enter new times. The keypad then displays **ON TIME?**. This is followed by the display **AM PM**.
6. Enter a new output **ON** time and select **AM** or **PM**. The display changes to **OFF TIME?**. This is followed by the display **AM PM**.
7. Enter a new **OFF** time for the output.
8. Enter all schedule times using a 12-hour clock. For example, to enter 6 AM you would enter a **0 + 6 + 0 + 0** and select **AM**. For 11 PM you would enter a **1 + 1 + 0 + 0** and select **PM**.
9. The keypad returns to the day of the week display allowing you to enter another Output schedule.
10. To exit the user menu or to go back to the **SCHEDULES?** display, press the Back Arrow key.
11. To clear a schedule, press **DELETE** and then **AM**.

Add a Sunrise/Sunset Output Schedule



Note: A weather zip code must be entered in SYSTEM OPTIONS for this option to be available.

1. At **SCHEDULES?**, press any select key.
2. Press **CMD** to display **SUNRISE SUNSET**. The keypad displays **PRM EXT OUT**. Select **OUT**.
3. At the **OUTPUT NO** display, enter the output number you want to program. Press the **CMD** key. The screen displays **SUN MON TUE WED**. Press the **CMD** key to display **THU FRI SAT**.
4. Select the day that you want to set up a schedule on.
5. The keypad displays **TURN ON AT**. Press the second select key.
6. Select **SUNRISE** or **SUNSET** and then use the Select Keys or Areas below the - and + to set an offset time. Choose from **5, 10, 15, 30, 45**, or **60** minutes before or after sunrise or sunset.
7. Press **CMD**. The keypad displays **TURN OFF AT**.
8. Press the second select key.
9. Select **SUNRISE** or **SUNSET** and then use the Select Keys or Areas below the - and + to set an offset time. Choose from **5, 10, 15, 30, 45**, or **60** minutes before or after sunrise or sunset.
10. Press **CMD** to save the schedule.

Date and Time

Change the Day, Date, or Time that is currently in the system.

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **TIME?** and press any select key.
3. The keypad displays the current day and time. Press the **CMD** key to display the current date. Press the **CMD** key again to make any changes.
4. At **TIME DAY DATE**, select **TIME** to change the time. Enter the current time and select **AM** or **PM**.
5. Select **DAY** to change the day of the week. The keypad displays **SUN MON TUE WED**. If the current day does not display, press the **CMD** key. Select the correct day.
6. Select **DATE** to change the date. The keypad displays:
MONTH: Enter up to two digits for the month. Press **CMD**.
DAY: Enter up to two digits for the day. Press **CMD**.
YEAR: Enter up to two digits for the year. Press **CMD**.
7. When the display returns to **TIME DAY DATE**, press the Back Arrow key to exit the User Menu.

Display Events

This allows you to view past events. Any event older than 45 days automatically clears from the system memory. Once the event storage capacity is reached, any new event received clears the oldest event from the list.

Request Service?

The **REQUEST SERVICE?** option displays if a master code was used to enter the menu.

If your system is monitored by a monitoring center and you need to send a Request for Service report to the monitoring center, press any select key while **REQUEST SERVICE?** displays. After the Request for Service report is sent, the keypad displays **REQUEST MADE** for four seconds.

If there is a problem with the telephone line connected to the system, you must contact our service department directly for assistance.

COMMON KEYPAD DISPLAYS

Listed below are several keypad messages you may see on the display. Follow the instructions in the Possible Solutions column to correct the problem. In many cases, you need to call a service person to correct the problem. Displays not discussed here indicate your service representative should be called.

MESSAGE	tone AT KEYPAD	MEANING	POSSIBLE SOLUTIONS
INVALID CODE	No	The user code you entered is not recognized by the system.	Check the user code and try again.
CLOSING TIME	Yes	The schedule has expired but the system has not been armed.	Users still on the premises are reminded to arm the system or extend the schedule to a later time.
DC TROUBLE	Yes	The system is not getting proper DC power.	Contact your service person if other electrical devices in your home are working.
BATTERY TROUBLE	Yes	The battery is either low or missing.	Contact your service person.
ALERT	Yes	A contact with Chime or Zone Monitor has been tripped.	The alert will clear on its own.
SYSTEM TROUBLE or SERVICE REQUIRED	Yes	There is a problem with one or more components in the system.	Contact your service person.
SYSTEM BUSY	No	The system is performing another task with a higher priority.	Wait a few moments for the system to complete the task. Contact your service person if the problem remains.
4-WIRE BUS TROUBLE	No	<ul style="list-style-type: none"> • There is not a supervised device on the bus. • The voltage is low or there is an open yellow wire. • Two devices share the same address. 	Contact your service person.
TRANSMIT FAIL	Yes	The panel has attempted to communicate with the monitoring center ten times and has not succeeded.	Make sure your telephone line is working properly. Contact your service person if the problem remains.
NON-POLLED ADDRESS	No	Keypad is set to an invalid address.	Contact your service person.

Information furnished is believed to be accurate and reliable.
This information is subject to change without notice.



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