

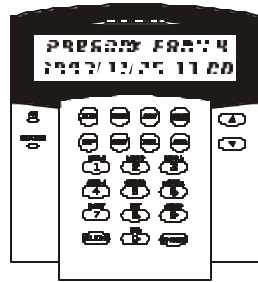


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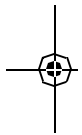
Digiplex Access Control



CR-R880



DGP-641ACC



User's Manual



P ▲ R ▲ D ▲ O ▲ X®
SECURITY SYSTEMS





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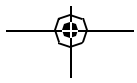
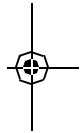
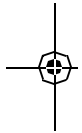
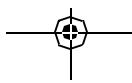
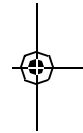
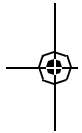
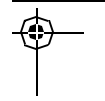
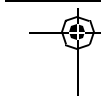




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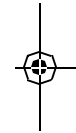




1.0 INTRODUCTION

The Access Control Keypad offers a host of other features that are explained in the Digiplex LCD Keypad User's Manual. In this manual we will assume that you have familiarized yourself with those features and we will concentrate solely on explaining the Access Control features.

The Access Control feature available with the Digiplex alarm system will allow you to monitor and control the access for up to 32 designated doors. The events that occur on an Access Control Door are recorded in the Event Record Display (see *Digiplex LCD Keypad User's Manual*), but can only be viewed through an Access Control Keypad.



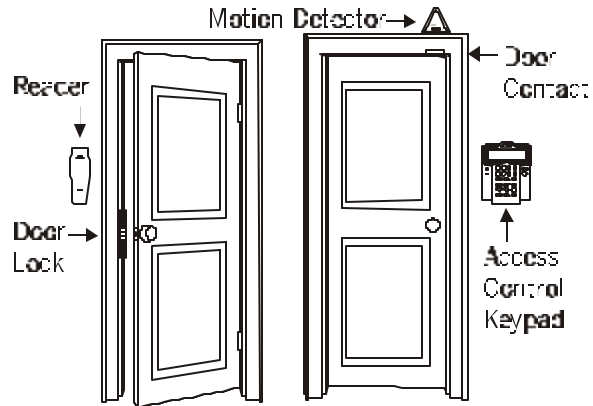
1.1 OVERVIEW OF ACCESS CONTROL

1.1.1 Access Control Doors

Access Control Doors are installed to protect specified areas by limiting user access during certain periods. These doors may be equipped with a reader, a motion detector, an Access Control keypad, a door contact, and a door lock (see Figure 1-1, p. 4). Your system may include some or all of these devices. Access Control Doors are combined into Access Levels, which are programmed on the User Access Codes.



Figure 1-1: Example of Access Control Doors



1.1.2 Access Level

Users will only be allowed access to the doors assigned in the Access Level programmed on their User Access Codes. Each Access Level is a combination of the Access Control doors. The installer can program up to 15 different Access Levels (see section 4.2, p. 22).

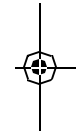
For example, if the installer programmed Access Level 01 with doors 01, 02, and 03, any User Access Code or Access Control Card assigned to Level 01 will only have access to doors 01, 02, and 03. Level 00 allows the user access to all the Access Control doors.



1.1.3 Schedule

Schedules determine the hours, days, and holidays that users are permitted through Access Control Doors. The installer can program up to 15 different Schedules (see section 4.3, p. 24). Each Schedule consists of two programmable time periods that determine the time of day and which days the users will be granted access. Specific holidays are also programmed by the installer (see section 4.4, p. 25). Each user is assigned a Schedule through the User Access Code.

For example, if the installer programmed Schedule 01 to permit access on Monday to Friday from 9AM to 5PM and Saturday from 10AM to 4PM, any User Access Code assigned to Schedule 01 will only have access during those days and hours. Schedule 00 allows the user access at all times.



1.2 HOW ACCESS CONTROL WORKS

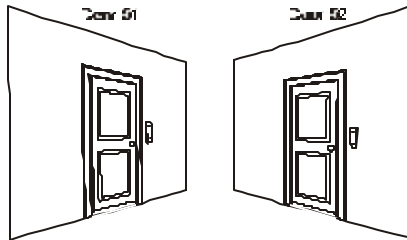
To illustrate how Access Control functions, we will use a simple Access Control system:

- two Access Control Doors (see Figure 1-2, p. 6)
- two Access Levels: Level 01 = Door 01 and Door 02 and Level 02 = Door 01
- one schedule with access permitted on Monday, Tuesday, and Wednesday between 9AM and 5PM and Saturday, Sunday, and Holidays (January 1) between 10AM and 1PM
- one user (named Bonnie) with an Access Control Card

Digiplex Access Control 5

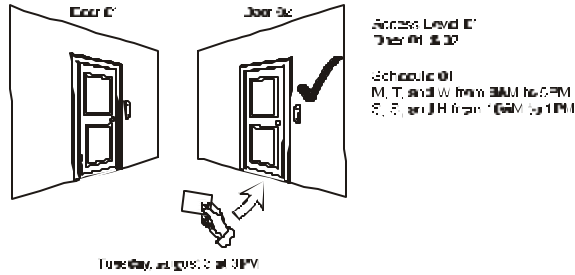


Figure 1-2: Example of Access Control System



Example A: Bonnie's Access Control card is programmed with Access Level 01 and Schedule 01 so if she presents her card to the reader on Door 02 on Tuesday, August 3 at 3PM, she will be able to gain access to the room (see Figure 1-3 below).

Figure 1-3: Example A

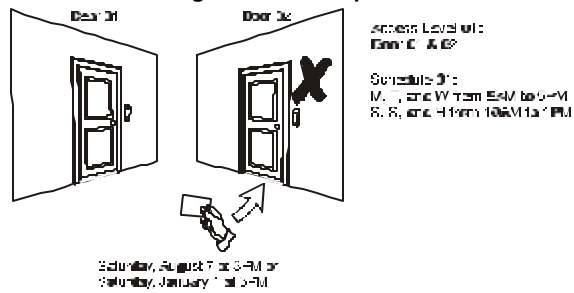


Example B: If she presents her card to Door 02 on Saturday or on a holiday at 3PM, she will be denied access since her Schedule allows



access between 10AM and 1PM on Saturdays and holidays (see Figure 1-4 below).

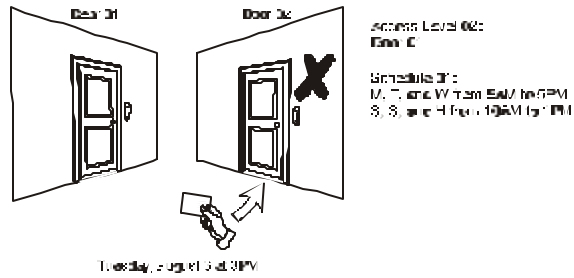
Figure 1-4: Example B



Example C: If we change her Access Level to Level 02 and she presents her card to the reader on Door 02 on Tuesday, August 3 at 3PM, she will be denied access this time since she is only allowed access to Door 01 (see Figure 1-5 below).



Figure 1-5: Example C





2.0 PROGRAMMING USER ACCESS CODES

Access Codes allow access the system. These codes can be programmed to permit access to all or some features and areas. Only the options related to the Access Control feature will be explained in this manual. For details concerning User Access Code features, see the *Digiplex LCD Keypad User's Manual*.

In addition to programming the User Code, the User Options and the Area Assignment on User Access Codes, the following options can be programmed when Access Control is enabled on the Digiplex system: *Access Level*, *Schedule*, *Access User Options*, and *Access Control Card*. You can only program these options with the System Master Code or User Access Codes with the Full Master feature enabled and only when using an Access Control Keypad.



The System Master Code has access to all Access Control Doors and all Access Control features at all times. Only the card's serial number and the choice of arming method can be changed. If the other options are manually changed, the System Master Code will immediately revert to its original programming.



2.1 ACCESS CONTROL OPTIONS

2.1.1 Access Level and Schedule Assignment

Once you program the User Code, User Options and Area Assignment, the *Level & Schedule* screen is displayed. Access Levels and Schedules are explained in section 1.1 on p. 3.

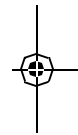




In the first set of brackets, enter the desired two-digit Access Level from 00 to 15. Access to all Access Control Doors is Access Level 00. In the second set of brackets, enter the desired two-digit Schedule from 00 to 15. To have access at all times, program Schedule 00. For a list of the Access Levels and Schedules programmed in your system by the installer see section 4.0 on p. 21.

2.1.2 Access Control User Options

Once the Level & Schedule screen is programmed, the LCD screen will display the Access Control User Options screen. Eight options can be activated by turning ON or OFF their corresponding numbers by pressing the number buttons on the keypad (in the same manner as the "User Options" in the *Digiplex LCD Keypad User's Manual*).



Option [1]: Activating Card

When the option is ON, the Access Control Card is activated and can be used when the Access Control is enabled in the Digiplex system. When the option is OFF, the User Access Code can be used with the Digiplex alarm system, but cannot use the Access Control features. This can be used to disable a lost or stolen card without deleting the User Access Code.

Option [2]: Disarming with Card

When the option is ON, the Access Control Card can disarm and unlock an armed Access Control Door (see section 3.3.5, p. 20).

Option [3]: Card with Extended Unlocked Period

When the option is ON, "Extended Unlocked Period" (see section 3.1.1, p. 18) is enabled on the card.





Options [4], [5], [6], and [7]: Arming with Card

When option [4] is turned ON, the Access Control Card will be able to arm areas (see section 3.3, p. 19). The arming method is determined by turning ON or OFF one of the options from [5] to [7]. Only one arming method can be programmed per card. For details concerning the arming methods, see the *Digiplex LCD Keypad User's Manual*.

Regular Arming with Access Control Card

Turn option **[4] ON** and options [5], [6], & [7] OFF.
The Access Control Card can Regular Arm area(s).

Stay Arming with Access Control Card

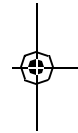
Turn options **[4] and [5] ON** and options [6] and [7] OFF.
The Access Control Card can Stay Arm the area(s).

Instant Arming with Access Control Card

Turn options **[4] and [6] ON** and options [5] and [7] OFF.
The Access Control Card can Instant Arm the area(s).

Force Arming with Access Control Card

Turn options **[4] and [7] ON** and options [5] and [6] OFF.
The Access Control Card can Force Arm the area(s).



Option [8]: Access to Armed Access Control Doors

When option [8] is turned ON, the Access Control Card can be used to open an armed Access Control Door. When a valid Access Control Card is presented to a reader of an Access Control Door that is assigned to a zone and the zone is armed, access will be granted and the Entry Delay will begin. When this option is enabled, extra security is provided since a user **must**



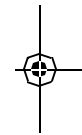
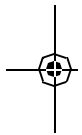


enter a User Access Code to disarm the area. For User Access Codes assigned with the "Arm Only" User Option, option [8] should remain off since they cannot disarm the partition(s).

For this feature to function properly, Option [2] "Disarm with Access Control Card" on the User Access Code must be disabled (see section 2.1.2, p. 9). If option [2] is enabled, access will be granted and the area(s) will be disarmed without entering a User Access Code. Access is only granted during the card's assigned Schedule and to doors programmed in its Access Level.

2.1.3 Card Assignment

The Access Control Card is activated by assigning its serial number to the User Access Code. Either enter the serial number manually or present the Access Control Card to the keypad's reader and its serial number will register automatically. The serial number can be found on the Access Control Card.



2.2 PROGRAMMING USER ACCESS CODES

Your system can support up to 96 User Access Codes. User Access Codes to be used with the Access Control system *must be programmed through an Access Control keypad.*

This section will briefly show the steps required to program codes. The Access Control features that can be programmed are explained in section 2.1 on p. 8. For more details concerning User Access Codes, refer to the *Digiplex LCD Keypad User's Manual.*

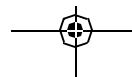
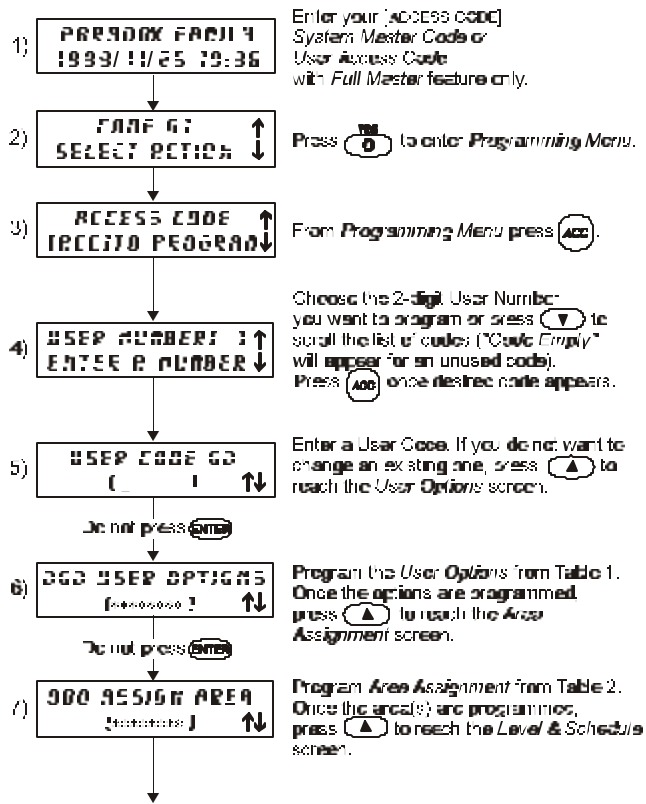
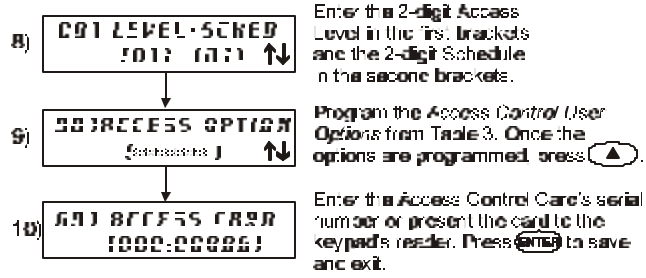


Figure 2-1: Programming User Access Codes





Unless otherwise indicated, if the option is turned OFF, the feature is disabled. For information how to turn ON and OFF options, please refer to the *Digiplex LCD Keypad User's Manual*.

Table 1: User Options












Press option on/off	Option Description
 off  off	Master feature disabled.
 on  off	Master feature enabled. Modifies User Code only.
 on  on	Full Master feature enabled. Create or modify other User Codes, User Options, Area Assignment, and Access Control features according to its own programming.
 on	Duress feature enabled. Can arm, disarm, and send a silent alarm to the Security Company. Use when someone forces you to arm or disarm areas.
 on	Bypass feature enabled. Can deactivate zones using the Bypass feature
 on	Arm Only feature enabled. Can arm assigned areas, but CANNOT disarm.
 on	Stay & Instant Arm feature enabled. Can Stay or Instant Arm the system
 on	Force Arm feature enabled. Can Force Arm the system.



Table 1: User Options







 off	<p>User Access Code obeys the keypad's area assignment in a Partitioned System. The keypad will permit access only to areas that it controls.</p>
 on	<p>Keypad obeys the User Access Code's area assignment. The keypad will permit access to all the areas assigned to the User Access Code regardless which areas the keypad controls.</p>

Table 2: Area Assignment

Press button on/off	Area Assignment
 on	Access to Area 1
 on	Access to Area 2
 on	Access to Area 3
 on	Access to Area 4
All four buttons off	Controls PGMs only (if PGMs are programmed by the installer).

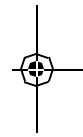
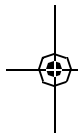




Table 3: Access Control User Options

Press option on/off	Option Description
on	Access Control Card is activated.
on	Can disarm with Access Control Card. <i>(will not work with "Arm Only" option)</i>
on	Card with Extended Unlocked Period
on	Can Regular Arm with Access Control Card.*
on on	Can Stay Arm with Access Control Card.*
on on	Can Instant Arm with Access Control Card.*
on on	Can Force Arm with Access Control Card.*
on	Can open armed Access Control Doors.

* *Only one of these options can be selected.*

For more information concerning the above features, refer to section 2.1 on p. 8.



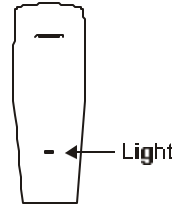



3.0 USING ACCESS CONTROL

3.1 ENTERING & EXITING

Depending on how your system is installed, there are various ways to enter and exit through the Access Control Doors:

- 1) Present your Access Control Card to the reader. The system will verify that the card is allowed access according to its assigned Access Level and Schedule. If it is accepted, the system will unlock the door. The reader's light can be programmed by the installer to turn green or extinguish briefly to indicate that the door can be opened.



- 2) When the motion detector detects movement (Request for Exit event), it will unlock the door to permit passage with or without turning the handle depending on its programming.
- 3) Enter your User Access Code on the keypad and press  .
- 4) If the Access Control Door is on a "Door Unlocked Schedule", you may be able to open Access Control Doors without using a User Access Code or an Access Control Card. Depending on the door's programming, the door can remain unlocked during the entire programmed schedule or the door can unlock once a valid Access Control Card is presented to the reader during the schedule and then will remain unlocked for the remainder of the schedule.



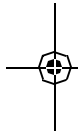


3.1.1 Door Unlocked Period and Extension

Each Access Control Door is programmed with a “Door Unlocked Period” and a “Door Unlocked Period Extension”. The “Door Unlocked Period” is the time the door will remain unlocked after access is granted. The “Door Unlocked Period Extension” is the amount of time that is added when “Card with Extended Unlocked Period” is enabled (see section 2.1.2, p. 9). This allows extra time for the user to open the Access Control door, which may be useful for seniors and for the physically challenged.

3.2 ACCESS ALARMS

Access Alarms can be audible or silent. They will appear in the Event Record Display, but **may not be reported** to the Security Company. The two Access Alarms are described in this section.



3.2.2 “Door Left Open” Alarm

Each Access Control door is programmed with a time limit that the door is permitted to remain open, which is called a “Door Left Open” Interval. Once this interval has expired, the “Door Left Open” Alarm will be triggered, but will not be reported to the Security Company. When this alarm is audible, it will emit a rapid beep. A warning beep, a Pre-Alarm, may precede this alarm to alert users that the door is open. If the door is closed during the Pre-Alarm, the alarm is cancelled.

When the door is closed during the alarm, the “Door Left Open Restore” event can be logged in the Event Record Display (see Event Record Display in the *Digiplex LCD Keypad User’s Manual*).





3.2.3 "Door Forced Open" Alarm

If an Access Control Door is opened without an Access Control Card, a User Access Code, or receiving a "Request for Exit" from the motion detector, an alarm can be generated. When this alarm is audible, it will emit a rapid beep.

When the door is closed during the alarm, the "Door Forced Restore" event can be logged in the Event Record Display (see Event Record Display in the *Digiplex LCD Keypad User's Manual*). The "Door Forced Open" Alarm can also generate a Burglar Alarm, which can be reported to the Security Company.

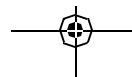
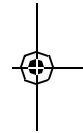
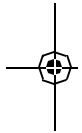
3.3 ARMING AND DISARMING

3.3.4 Arming with Card

An Access Control Card can be programmed to arm area(s) assigned to the door when a it is presented to the reader twice within approximately 5 seconds without opening the door.

The Access Control card must be:

- presented during its assigned Schedule
- presented within its assigned Access Level
- programmed to allow arming (see section 2.1.2, p. 9)
- assigned to all areas that are assigned to the Access Control door. For example, if the door is assigned to areas 1 and 4, an Access Control card assigned to area 4 will not work.



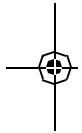


3.3.5 Disarming with Card

To disarm and unlock an Access Control Door when the area assigned to it is armed, present your Access Control Card to the reader.

The Access Control card must be:

- presented during its assigned Schedule
- presented within its assigned Access Level
- programmed to allow disarming (see section 2.1.2, p. 9)
- assigned to all areas that are assigned to the Access Control door. For example, if the door is assigned to areas 1 and 2 and both are armed, an Access Control Card only assigned to area 1 will not be able to unlock the door and disarm the areas.



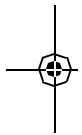


4.0 INSTALLER PROGRAMMED OPTIONS

4.1 ACCESS CONTROL DOORS

These doors are used to determine the Access Levels.

Door	Location	Door	Location
01		17	
02		18	
03		19	
04		20	
05		21	
06		22	
07		23	
08		24	
09		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16		32	





4.2 ACCESS LEVELS

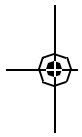
The combination of Access Control Doors will be assigned to the User Access Codes to control the access to protected areas.

Level	Doors Assigned to the Level (Circle doors assigned to the Level)
00	Access Granted to all Access Control Doors
01	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
02	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
03	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
04	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
05	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
06	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
07	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
08	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32





Level	Doors Assigned to the Level <i>(Circle doors assigned to the Level)</i>																															
09	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
10	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
11	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
12	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
13	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
14	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
15	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

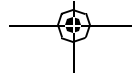
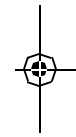




4.3 SCHEDULES

Schedules determine the hours, days, and holidays (*H = holidays*) that users are permitted access. Each Schedule has two programmable time periods. Holidays programmed by the installer are identified in section 4.4 on p. 25.

Schedule	Start	End	Days (Circle assigned days)
00	Access Granted at all times		
01	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
02	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
03	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
04	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
05	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
06	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
07	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H





Schedule	Start	End	Days (Circle assigned days)
08	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
09	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
10	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
11	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
12	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
13	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
14	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H
15	___:___ ___:___	___:___ ___:___	S M T W T F S H S M T W T F S H



4.4 HOLIDAYS

This table identifies the legal, religious, and feast days considered Holidays which will be used when programming the Schedules. When "H" is enabled in the Schedules, users can access the days programmed in this section.





Month	Days (Circle days programmed as Holidays)
January	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
February	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
March	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
April	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
May	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
June	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
July	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
August	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
September	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
October	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
November	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
December	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



5.0 USER ACCESS CODE LIST

Name	Master (M)	Full Master (FM)	Byp	Stay	Force	Arm only	Disarm	Keypac obeys code	Area(s)	Level (00 to 15)	Schedule (00 to 15)	Activate Access	Disarm w/card	Card w/celay	Arming w/card*	Armed door access	Card's serial #	
System Master	M								1234	00	00							
101																		
102																		
103																		
104																		
105																		
106																		
107																		
108																		
109																		
110																		
111																		
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141																		

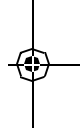
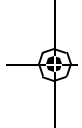
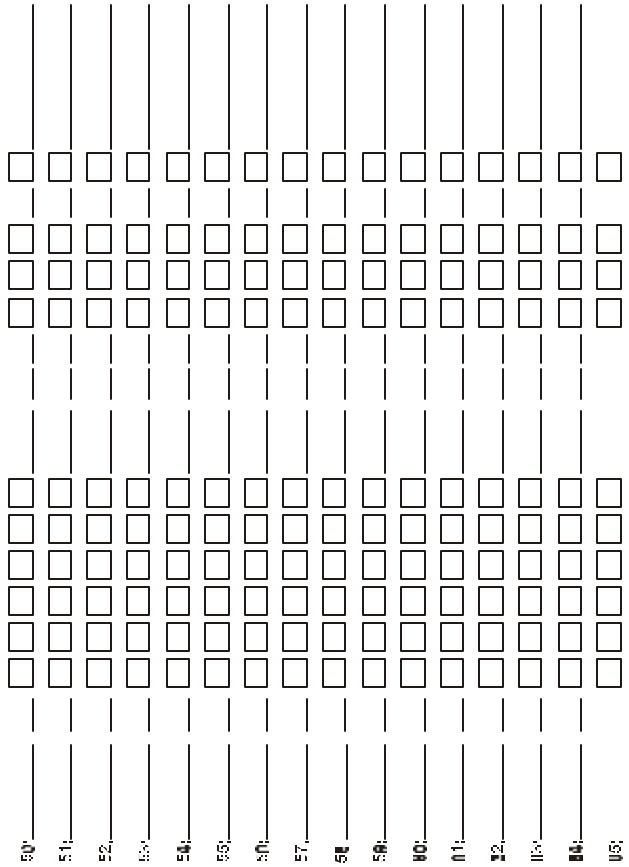
* Arming w/card: R = Regular Arm S = Stay Arm I = Instant Arm F = Force Arm

Number	Master (M)	Full Master (FM)	Byp	Stay	Force	Arm only	Dismiss	Keypad obeys code	Area(s)	Level (00 to 15)	Schedule (00 to 15)	Activator Access	Disarm w/card	Card w/delay	Arming w/card	Armed door access	Card's serial #
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	

*Arming w/card: R = Regular Arm S = Stay Arm I = Instant Arm F = Force Arm

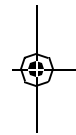
NUM	Master (M) Full Master (FM)	Byp	Stay	Force	Arm only	Dismiss	Keypad obeys code	Area(s)	Level (00 to 15)	Schedule (00 to 15)	Active Access	Disarm w/card	Card w/delay	Arming w/card	Armed door access	Card's serial #
36																
40																
41																
42																
43																
44																
45																
46																
47																
48																
49																
50																

*Arming w/card: R = Regular Arm S = Stay Arm I = Instant Arm F = Force Arm



NUM	Master (M)	Full Master (FM)	Byp	Stay	Force	Arm only	Disarm	Keycode	Area(s)	Level (00 to 15)	Schedule (00 to 15)	Active Access	Disarm w/card	Card w/delay	Arming w/card	Armed door access	Card's serial #
66																	
67																	
68																	
69																	
70																	
71																	
72																	
73																	
74																	
75																	
76																	
77																	
78																	

*Arming w/card: R = Regular Arm S = Stay Arm I = Instant Arm F = Force Arm



77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60

NUM	Master (M) Full Master (FM)	Byp	Stay	Force	Arm only	Disarm	Keycode	Area(s)	Level (00 to 15)	Schedule (00 to 15)	Active Access	Disarm w/card	Card w/delay	Arming w/card	Armed door access	Card's serial #
00																
01																
02																
03																
04																
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*Arming w/card: R = Regular Arm S = Stay Arm I = Instant Arm F = Force Arm



6.0 GLOSSARY

Access Alarm: An audible or silent warning generated by the reader to indicate that a protected door has not closed within the programmed time allowed or that a protected door was opened without an "Access Granted" or "Request for Exit" signal. If the Access Alarm is programmed to be audible, the reader assigned to the door can beep. This event is logged in the Event Record Display, but can only be seen through an Access Control Keypad (DGP-641ACC).

Access Control: A system designed to monitor and control the admission through specific doors.

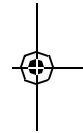
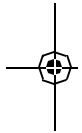
Access Control Card: A tag assigned to a User Access Code allows access when presented to a reader.

Access Denied: An Access Control term for the system's refusal to admit access through a protected door.

Access Granted: An Access Control term for the system permitting admission through a protected door.

Access Level: The combination of Access Control Doors that will be assigned to users through their User Access Codes. Users will only be permitted to enter through the protected doors that are programmed in their Access Level.

Burglar Alarm: An audible or silent warning sent to the control panel indicating that an armed zone in the Digiplex Alarm System has been breached. This event is logged in the Event Record Display and can be reported to a Monitoring Station.

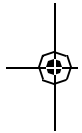




Door Left Open: Each Access Control door is programmed with a period of time it is allowed to remain open. Once the door has been open past this time limit, an Access Alarm will be triggered.

Event Record Display: The user-initiated actions, alarms, and troubles that occur in the system are saved in the control panel's memory. The Access Control events, however, can only be viewed through an Access Control Keypad (DGP-641ACC). See the *Digiplex LCD Keypad User's Manual* for details.

Forced Door: If a protected door was opened without an "Access Granted" or "Request for Exit" signal a silent or audible Access Alarm can be triggered. If the Access Alarm is programmed to be audible, the reader assigned to the door can beep. This event is logged in the Event Record Display, but can only be seen through an Access Control keypad (DGP-641ACC) and cannot be reported to a Monitoring Station unless the door is also assigned to a zone. If the door is assigned to a zone, the Forced Door can also trigger a Burglar Alarm in the Digiplex Alarm System.



Holidays: Days programmed in the Schedule that are not considered normal work days, such as legal, religious, and feast days.

Pre-Alarm: A beep tone warning that an Access Alarm will be generated if a protected door is not closed within a specified period.

Reader: An Access Control device (Posiprox CR-R880) normally located near a protected door that sends a signal to unlock the door to permit a user to enter



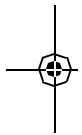


the protected area when a valid Access Control Card is presented to it.

Request for Exit: When a motion detector (Paradoor 460) installed above an Access Control Door detects movement, it sends a signal to unlock the door to permit a user to leave the protected area. This signal is a "Request for Exit" event that is logged in the Event Record Display, but can only be seen through an Access Control Keypad (DGP-641ACC) and cannot be reported to a Monitoring Station.

Schedule: Schedules determine the hours, days, and holidays that users are permitted access.

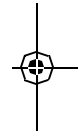
Valid Access Control Card: An Access Control card presented to a reader during its assigned Schedule and within its assigned Access Level.

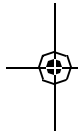




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