

Access Control LCD Keypad V1.1 DGP-641ACC



Programming Guide

PROGRAMMING METHOD

STEP 1: Press and hold the **[0]** key
STEP 2: Enter the **[INSTALLER CODE]** (by default 000000)
STEP 3: Enter section **[953]**
STEP 4: Enter the keypad's 8-digit **[SERIAL NUMBER]**
STEP 5: Enter the 3-digit **[SECTION]** you want to program
STEP 6: Enter the required data

To view the keypad's serial number, press and hold the **[0]** key, enter the **[INSTALLER CODE]** and enter **[000]**. We recommend that you use this sheet to keep track of which sections were programmed and how. This module can also be programmed using Module Broadcast (see *Digiplex Installation & Reference Manual*).

BUS VOLTMETER

To verify if the bus is supplying sufficient power, press and hold the **[0]** key, enter the **[INSTALLER CODE]** and press **[ACC]**.



A reading of 9.2V indicates that the voltage is too low. The voltage may drop during the control panel battery test.

PROGRAMMING SECTIONS

Bold = default setting.

SECTION [001]: Partitioning

Option	OFF	ON
[1] Partition 1	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] Partition 2	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] Partition 3	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] Partition 4	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[5] Assign Door to Partition 1	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[6] Assign Door to Partition 2	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[7] Assign Door to Partition 3	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[8] Assign Door to Partition 4	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled

SECTION [002]: General Options

Option	OFF	ON
[1] Display Code Entry	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] Display Exit Delay	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] Display Entry Delay	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] Confidential Mode (not for UL installations)	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[5] To Exit Confidential Mode	<input type="checkbox"/> Enter Code	<input type="checkbox"/> Press Button
[6] Reader's red LED to follow Partition's status	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[7] Reader's beeping to follow Partition's status when [6] ON	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[8] Not used	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A

SECTION [003]: General Options

Option	OFF	ON
[1] Muting	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] Exit Delay Beep	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] Door Left Open Pre-Alarm	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] Chimed Zone Closure	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[5] Door Left Open Alarm	<input type="checkbox"/> Silent	<input type="checkbox"/> Audible
[6] Door Left Open Alarm follows	<input type="checkbox"/> Alarm Restore	<input type="checkbox"/> Beep Timer
[7] Door Forced Alarm	<input type="checkbox"/> Silent	<input type="checkbox"/> Audible
[8] Door Forced Alarm follows	<input type="checkbox"/> Alarm Restore	<input type="checkbox"/> Beep Timer

SECTION [004]: Beep on Trouble

Option	OFF	ON
[1] System & Clock Trouble Beep	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] Communicator Trouble Beep	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] Module & Bus Trouble Beep	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] All Zone Trouble Beeps	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[5] to [8] Not used	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A

SECTION [005]: General Options

Option	OFF	ON
[1] Card Activates Door Unlocked Schedule	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] Door Left Open Alarm	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] Door Forced Open Alarm	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] Not used	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
[5] Keypad Tamper	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[6] Door will Relock	<input type="checkbox"/> Immediately	<input type="checkbox"/> When closed
[7] Reader's Green LED for Access Granted	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[8] Unlock on REX	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled

SECTION [006]

Door Unlocked Period (001-255 seconds)
___/___/___ (default = 005)

SECTION [007]

Door Unlocked Period Extension (001-255 seconds added to [006])
___/___/___ (default = 015)

SECTION [008]

Door Left Open Interval (001-255 seconds)
___/___/___ (default = 060)

SECTION [009]

Door Left Open Pre-Alarm Timer (001-255 seconds)
Time to start Pre-Alarm before alarm is triggered.
___/___/___ (default = 015)

SECTION [010]

Beep Timer for Door Left Open Alarm (001-255 seconds)
Amount of time Door Left Open alarm will beep.
___/___/___ (default = 005)

SECTION [011]

Beep Timer for Door Forced Open Alarm (001-255 seconds)
Amount of time Door Forced Open alarm will beep.
___/___/___ (default = 005)

SECTION [012]: Door Unlocked Schedule

Start time	End time	Days (turn ON or OFF)
		S M T W T F S H
A: ___:___	___:___	1 2 3 4 5 6 7 8

MESSAGE PROGRAMMING

Each section from [101] to [249] contains one message with a maximum of 16 characters. The following are the defaults:

Section [101] to [148] = Zone 01 to Zone 48 respectively

Section [149] to [244] = Code 01 to Code 96 respectively

Section [245] = Paradox Family

Section [246] = First Area

Section [247] = Second Area

Section [248] = Third Area

Section [249] = Fourth Area

After entering the section corresponding to the desired message, it can be re-programmed to suit the installation needs (see Table 1).

Example: change section [101] "ZONE 01" to "FRONT DOOR".

Table 1: Message Programming

Key	Function	Details
[STAY]	Insert Space	Press the [STAY] key to insert a blank space in the current cursor position.
[FORCE]	Delete	Press the [FORCE] key to delete the character or blank space found at the current cursor position.
[ARM]	Delete Until the End	Press the [ARM] key to delete all characters and spaces to the right of the cursor and at the cursor's position.
[DISARM]	Numeric/Alphanumeric	Press the [DISARM] key to toggle the numeric keys to alphanumeric keys and vice versa. Numeric: Keys [0] to [9] represent numbers 0 to 9. Alphanumeric: refer to Table 2.
[BYP]	Lower/Upper Case	Press the [BYP] key to toggle from lower to upper case and vice versa.
[MEM]	Special Characters	After pressing the [MEM] key, the cursor will turn into a flashing black square. Using Table 3, enter the 3-digit number for the desired special character.

Table 2: Alphanumeric Keys

Key	Press Key Once	Press Key Twice	Press Key Three Times
[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	

Figure 1: Keypad Connections

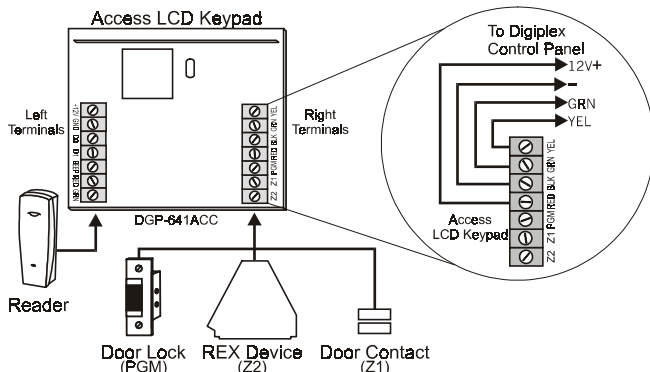


Table 3: Special Characters

032	0	064	P	096	p	128	Ê	160	š	192	•
033	1	065	Q	097	q	129	Ë	161	±	193	-
034	2	066	R	098	r	130	É	162	ÿ	194	°
035	3	067	C	099	c	131	Ê	163	↑	195	`
036	4	068	T	100	t	132	Ë	164	↓	196	˘
037	5	069	E	101	e	133	È	165	↩	197	~
038	6	070	F	102	f	134	É	166	ñ	198	÷
039	7	071	G	103	g	135	Ê	167	ñ	199	«
040	8	072	H	104	h	136	Ë	168	→	200	»
041	9	073	I	105	i	137	Ä	169	↓	201	!
042	*	074	J	106	j	138	Å	170	↑	202	\
043	+	075	K	107	k	139	Ä	171	↓	203	x
044	,	076	L	108	l	140	Å	172	↓	204	©
045	=	077	M	109	m	141	Á	173	½	205	©
046	.	078	N	110	n	142	Ä	174	¼	206	©
047	/	079	O	111	o	143	Å	175	¼	207	≡

Figure 2: Connections to Access Keypad

