Programming Notes

Default Master Code = 1234
Default User Code = 3333 in Memory Location 1
Default Lock Time = 5 Seconds
Default Code Length = 4 Digits, The Master Code length, defines all code lengths (4-8 digits)
All codes must be the same length or they will not be accepted
Enter all leading zeros as instructed, e.g. 01 not just 1
Once operated, wait 2-3 seconds before next operation
Warning; The Master code will not allow access to the Program Mode,
if Tamper Switch, Tamper LED, Lock Relay or Auxiliary Relay are activated

Basic Programming

Add or Change a Lock Relay Code
Note XX = Memory location 01-19 & 'Code' = Required code
It is recommended to change the default Lock User Code in Memory 01 for Security.

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ XX 'Code'	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of Memory Location, Code and to whom it will be issued.

20 - Set Lock Relay Time / Function
Note TT = Relay Time in Seconds, 01-99
    Default Timed mode 05 = 5 Seconds, 00 = Latch mode (optional)
    If Door sensor fitted, when door closed, lock time will be cut short

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 20 TT	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

40 - Add or Change the Auxiliary Relay Code
Note Default = Latch mode, 'Code' = Required Single Code

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 40 'Code'	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

00 - Change Master Code
After general programming, it is recommended to change the Master code for Security.
Note The Master Code length, defines all other code lengths.
    'Code' = New Master code (4 to 8 Digits)

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 00 & 'Code'	No Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your new Master Code setting.

Master Reset
Warning
##Procedure, will delete all master, user & auxiliary codes, & return all settings to default##

	Enter / Action	Indication / Comments
1	Power OFF unit	No LED's
2	Move Jumper to 'System Restore' position	
3	Power ON unit	Status LED Red, 3 Notes Sound
4	Wait until Continuous Sounder	
5	Move 'System Restore' Jumper to original position	3 Descending Notes Sound, then Status LED Red, unit now Reset.

Advanced Programming

50 - Delete one or all Lock Relay Codes
Note XX = Memory location 01-99 for individual codes or 00 = for All Codes

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 50 XX	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

6 - Add or Change an Additional Lock Relay User Code
Note YY = Memory location 20-99 & 'Code' = Required code

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 6YY 'Code'	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of Memory Location, Code and to whom it will be issued.

51 - Set Incorrect Code Protection
Note Default = Disabled, Locks System for 30 Seconds, if 5 incorrect passwords or 20 incorrect consecutive buttons pressed (dependant on setting 53)

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 51	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

53 - Set Type of Incorrect Code Protection
Note Default = 20 incorrect buttons,
Z = 0 for 20 incorrect buttons presses, Z = 1 for 5 incorrect codes entered

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 53 Z	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

52 - Set Latch Mode for Lock Relay
Note Default = Normal Timed mode, (Requires code programmed in setting 54)
Z = 0 for Normal Timed mode, Z = 1 for Latch Lock Relay mode

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 52 Z	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

54 - Set Latch Code for Lock Relay
Note Default = none, 'Code' = Required code

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 54 'Code'	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

55 - Set Alarm Output Mode
Note Default = Disabled,
C = 0 Disabled
C = 1 for door forced open detection triggers alarm output
C = 2 for tamper switch triggers alarm output
C = 3 for door forced open & tamper switch triggers alarm output

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 55 C	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

56 - Set Alarm Output Mode
Note TTT = 001-999 seconds, TTT = 000 for Latch mode,
(Requires 55 to be set between 1-3)

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 56 TTT	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

57 - Set Auxiliary Output Mode
Note Default C = 7, (# for 1-5 auxiliary relay time must not be set to 000, latch mode)
C = 0 Disabled
C = 1 for door monitor triggers auxiliary output #
C = 2 for incorrect password triggers auxiliary output #
C = 3 for * or bell push triggers auxiliary output #
C = 4 for tamper switch triggers auxiliary output #
C = 5 for door forced open triggers auxiliary output #
C = 6 for P.B. switch triggers auxiliary output
C = 7 for Correct Auxiliary Code triggers auxiliary output
C = 3 for tamper switch triggers auxiliary output

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 57 C	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

58 - Set Auxiliary Relay Time
Note Default = 000, TTT = 001-999 seconds, TTT = 000 for Latch mode

	Enter / Action	Indication / Comments
1	'Master Code' twice	Status LED Yellow & 3 Notes Sound
2	✱ 58 TTT	3 Notes Sound
3	#	Status LED Red, Returns to normal mode

Ensure you keep records of your programmed settings.

Introduction - Digitac K99

- **External Stainless Steel Keypad & Back lit Buttons with Zinc Alloy Housing**
- **12V/24V AC/DC Supply**
- **99 user codes, 4-8 digits length (In 2 groups)**
- **Independent Lock & Auxiliary outputs (C, N/O, N/C, Max 24V 3A)**
- **Egress /Request to Exit input (N/O input)**
- **Door monitoring function (N/C input)**
- **Door forced open Indication / Alarm (12VDC 500mA voltage O/P)**
- **Tamper output, activates Alarm Output**
- **Programed by Keypad & Jumpers**
- **Non-volatile memory in the event of power failure**
- **Screw Terminal connections**

LED Indication

LED Position & Description	Left hand Status LED	Centre Lock LED	Right hand Auxiliary LED
LED Condition & Function	Steady RED Power, Normal State	Steady GREEN Lock Relay Active	Steady YELLOW Auxiliary Relay Active
	Steady Yellow Program Mode, # to Exit	Flashing GREEN Door Sensor Alarm or Alarm O/P triggered	

Connections