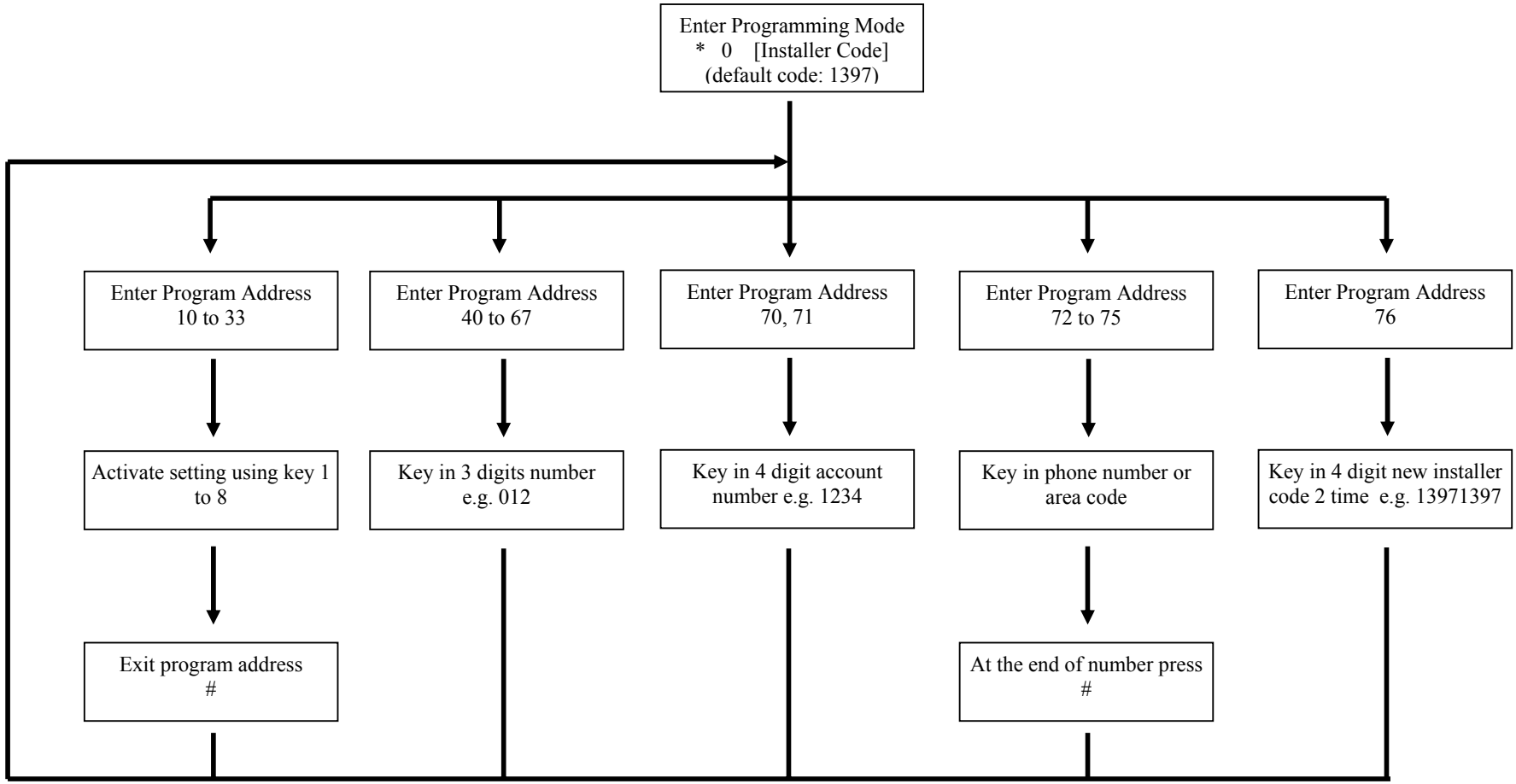
# Digital Frontier

## DFA3300 8 zones Alarm System

### Installer Manual

**V1 rev 0**

## Programming Flow Chart Diagram



# Programming Address Summary DFA3300

| Add. | Description | Default Zone<br>1 2 3 4 5 6 7 8 |
|---|---|---|
| 10 | **Entrance zone.** Zone led on mean the zone is assigned as this type of zone. | ●○○○ ○○○○ |
| 11 | **Internal Delay zone.** Zone led on mean the zone is assigned as this type of zone. | ○●○○ ○○○○ |
| 12 | **Internal zone.** Zone led on mean the zone is assigned as this type of zone. | ○○○○ ○○○○ |
| 13 | **Instant zone.** Zone led on mean the zone is assigned as this type of zone. | ○○●● ●●●○ |
| 14 | **24 Hour zone.** Zone led on mean the zone is assigned as this type of zone. | ○○○○ ○○○● |
| 15 | **Fire zone.** Zone led on mean smoke detector is connected to this zone. | ○○○○ ○○○○ |
| 16 | **Silent zone.** Zone led on mean that the zone will not activate the siren when it is trigger. But it will still activate all telephone features. | ○○○○ ○○○○ |
| 17 | **Normally Open zone.** Zone led on mean normally open sensor is connected to this zone. | ○○○○ ○○○○ |
| 18 | **Zone respond.** On mean slow respond zone and off mean fast respond zone. | ○○○○ ○○○○ |
| 19 | **Intelligent zone group 1.** On mean zone is program to the intelligent zone group 1. | ○○○○ ○○○○ |
| 20 | **Intelligent zone group 2.** On mean zone is program to the intelligent zone group 2. | ○○○○ ○○○○ |
| 21 | **Zone Partition 1.** On mean zone is assign to partition 1. | ●●●● ●●●● |
| 22 | **Zone Partition 2.** On mean zone is assign to partition 2. | ○○○○ ○○○○ |
| 23 | **Auto reset Zone.** On mean the zone will be restore after the bell time in [26]. | ●●●● ●●●● |
| 24 | **CMS report zone.** On mean zone trigger will report to CMS. | ●●●● ●●●● |
| 25 | **Partition 1 user.** On mean user has access right to partition 1. | ●●●● ●●●● |
| 26 | **Partition 2 user.** On mean user has access right to partition 2. | ○○○○ ○○○○ |
| 30 | **CMS reporting.**<br>Zone Led 1 on mean: Report Panic (activated keypad panic button).<br>Zone Led 2 on mean: Report Duress (user #8 will become duress code).<br>Zone Led 3 on mean: Report Arm/Disarm.<br>Zone Led 4 on mean: Report AC Loss<br>Zone Led 7 on mean: Report Bypass.<br>Zone Led 8 on mean: Report Battery low. | ●●●● ●●●○ |
| 31 | **Communicator Setting 1.**<br>Zone Led 1 on mean: Enable personal reporting.<br>Zone Led 2 on mean: Enable CMS reporting<br>Zone Led 8 on mean: Enable battery low trouble warning. Zone Led 1 on mean: Standalone panel (disable CMS) | ●○○○ ○○○○ |
| 32 | **Communicator Setting 2.**<br>Zone Led 3 on mean: Enable double ring answering. | ○○○○ ○○○○ |

| Add. | Description | Default Zone<br>1 2 3 4 5 6 7 8 |
|---|---|---|
| 33 | **System Option.**<br>Zone Led 1 on mean: Keypad buzzer on during entry delay.<br>Zone Led 2 on mean: Keypad buzzer on during exit delay.<br>Zone Led 3 on mean: Short beeping during delay.<br>Zone Led 4 on mean: DTMF dialing, else pulse dialing.<br>Zone Led 5 on mean: Enable one key arming using H or A.<br>Zone Led 6 on mean: Enable keypad panic button P.<br>Zone Led 7 on mean: Enable RF remote control arming. | ●●●● ●●○○ |

## Number programming

| Add. | Description | Default Value |
|---|---|---|
| 40 | **Entry timer partition 1.** From 0 to 255 sec. | 040 |
| 41 | **Entry timer partition 2.** From 0 to 255 sec. | 040 |
| 42 | **Exit timer partition 1.** From 0 to 255 sec. | 120 |
| 43 | **Exit timer partition 2.** From 0 to 255 sec. | 120 |
| 44 | **Bell timer** for auto reset zone. 0 to 255 minute. | 005 |
| 45 | **Fast respond timer.** [0 to 255] * 1.6 ms. | 008 |
| 46 | **Slow respond timer.** [0 to 255] * 1.6 ms | 015 |
| 47 | **Intelligent zone counter 1.** 0 to 255 times. If counter exceed, intelligent zone group 1 trigger. | 002 |
| 48 | **Intelligent zone counter 2.** 0 to 255 times. If counter exceed, intelligent zone group 2 trigger. | 003 |
| 49 | **Intelligent zone reset timer 1.** 0 to 255 minutes. Intelligent zone group 1 counter reset timer. | 010 |
| 50 | **Intelligent zone reset timer 2.** 0 to 255 minutes. Intelligent zone group 2 counter reset timer. | 030 |
| 51 | **PGM1 (Siren 2 negative, label as S2- on board).**<br>000 mean PGM active when fully arm.<br>001 mean PGM active during entry or exit delay.<br>002 mean PGM active following keypad buzzer.<br>003 mean PGM is controlled by phone.<br>004 mean PGM active when trouble condition exists.<br>005 mean PGM active when siren on, PGM will turn off after some delay (delay follow Bell Timer value)<br>006 mean PGM active when use telephone line cut off.<br>007 mean PGM active when zone trigger.<br>008 mean PGM use as internal siren.<br>009 mean PGM use as smoke detector. | 008 |
| 52 | **PGM2 (Smoke Detector Power, label as SD- on board).** Same as above. | 009 |
| 53 | **Reserved.** | 000 |
| 54 | **Reserved.** | 000 |
| 55 | **Keypad lock digit.** 0 to 255 times of password error before keypad lock. (Prevent password guessing on keypad). | 012 |
| 56 | **Keypad lock time.** 0 to 255 seconds keypad lock time. | 060 |

| Add. | Description | Default Value |
|---|---|---|
| 57 | **Communicator Dialing time.** 0 to 255 second. Specified the time to wait for the user answer during personal reporting. | 040 |
| 58 | **Communicator Idle time.** 0 to 255 sec. Specified the time to wait for a key press before auto hang-up during personal reporting. | 040 |
| 59 | **Communicator Dial loop.** Number of time to dial on each telephone number. (for both personal and CMS reporting). | 010 |
| 60 | **Answer ring.** Number ring to wait before answer call. 0 to 255 ring. (Feature available with voice card module only) | 008 |
| 61 | **Communicator Password Error auto-hang-up.** Number of error password digit is allowed to key in before communicator auto hang-up. (Prevent password guessing through phone). | 012 |
| 62 | **CMS Periodic Report.** 001 to 255 hour. (000 mean disable). | 024 |
| 63 | **Reserved.** | 000 |
| 64 | **Reserved.** | 000 |
| 65 | **Reserved.** | 255 |
| 66 | **Reserved.** | 000 |
| 67 | **Reserved.** | 000 |

## Other programming

| Add. | Description | Default Value |
|---|---|---|
| 70 | **CMS Account number 1.** 4 digits Contact ID user code. | 0000 |
| 71 | **CMS Account number 2.** 4 digits Contact ID user code. | 0000 |
| 72 | **CMS Phone number 1.** Maximum 15 digits. P for pause 2 seconds. Ended phone number with #. | Nil |
| 73 | **CMS Phone number 2.** Maximum 15 digits. P for pause 2 seconds. Ended phone number with #. | Nil |
| 74 | **Area Code or Prefix 1.** Maximum 5 digits. P for pause 2 seconds. Ended phone number with #. | Nil |
| 75 | **Area Code or Prefix 2.** Maximum 5 digits. P for pause 2 seconds. Ended phone number with #. | Nil |
| 76 | **Change Installer code.** The 4 digit installer code must be key in 2 times. If both installer codes are different, it will not be save. | 1397 |
| 90 | **Firmware version.** Display Firmware version. | |
| 98 | **Reset user code.** Reset all user code. | |
| 99 | **Reset Panel.** Reset all user code and programming setting except installer code. | |