

The miPanic Mini Alarm

Features

The miPanic mini alarm system is a low cost device designed for ease of installation and user simplicity.

4 supervised zones (3K3 end of line)
64 Remotes

Programming

Programming of your mi64 couldn't be easier. Simply follow the steps as outlined below.

The miPanic provides various pre programmed parameter settings. Selection of a parameter set is achieved by connecting the appropriate jumper settings and powering the panel on whilst holding the reset button.

Selecting a parameter set:

Step 1

Select appropriate jumper setting.

This is done as follows:

Parameter set	1	Place	J1	(Panic only)
	2		J2	(Mini alarm)
	3		J1 and J2	(Mini alarm with entry exit delay)
	4		J3	(reserved for future expansion)
	5		J3 and J1	(reserved for future expansion)

Step 2

Hold reset button down

Step 3

While holding the reset button apply power to the miPanic system

Default options:

1: Panic system
All zones are panic zones

Buttons 1 and 2 Panic
Button 3 Medical
Button 3 Cancel
30 second siren time

2: Mini alarm

Zones 1-3 Burglary
Zone 4 Panic
Siren toot on arm/disarm
Button 1 Panic
Button 2 Medical
Button 3 Arm
Button 4 Disarm
30 second siren time

3:Mini alarm with entry exit delay:

Zone 1 Entry zone
Zones 2-3 Follower
Zone 4 Arm zone
30 second entry time
Siren toot on arm/disarm
Button 1 Panic
Button 2 Medical
Button 3 Arm
Button 4 Disarm
30 second siren time

Adding a remote:

While unit powered up set jumper to 8 (jumper J4)
Hold reset switch until LED 1 illuminates
Press any button on remote to add
LED will go steady for 1 second and siren will toot to indicate remote added
Programming mode times out after 20 seconds

Step 4

Log onto the Finmon website at www.finmon.co.za enter your user name and pass word.
Select the miPanic by serial number and programm a 4 digit account number.

Delete all remotes:

With unit powered up set jumper to 4 (jumper 3)
Hold reset switch until LED 1 illuminates
When the LED extinguishes its done.

Programming Parameter:

Flash data starts at address 3963904 (changed to 3966464).

```
typedef struct __attribute__((__packed__))
{
    char downloadCode[4];
    char acc[4];
    char cid[8][5];
    zoneSetupUnion zoneSetup[4];
    uint16_t interval;
    char testCID[5];
    alarmSetupUnion alarmSetup;
    char buttonCID[8][5];
    buttonSetupUnion buttonSetup[4];
    uint16_t sirenTime;
    uint16_t entryTime;
    uint8_t outputType;
}progStruct;
```

```
typedef struct
{
    uint16_t sirenArmed:1;
    uint16_t sirenDisarmed:1;
    uint16_t reportArmed:1;
    uint16_t reportDisarmed:1;
    uint16_t keyswitch:1;
    uint16_t entry:1;
}zoneFlagStruct;
```

```
typedef union
{
    uint16_t bitmap;
    zoneFlagStruct flags;
}zoneSetupUnion;
```

```
typedef struct
{
    uint16_t sirenTootEnable:1;
    uint16_t delayedArming:1;
}alarmFlagStruct;
```

```
typedef union
{
    uint16_t    bitmap;
    alarmFlagStruct flags;
}alarmSetupUnion;
```

```
typedef struct
{
    uint16_t    sirenTrigger:1;
    uint16_t    outputPulse:1;
    uint16_t    outputToggle:1;
    uint16_t    armAlarm:1;
    uint16_t    disarmAlarm:1;
}buttonFlagStruct;
```

```
typedef union
{
    uint16_t    bitmap;
    buttonFlagStruct flags;
}buttonSetupUnion;
```