

TX Link

SUPERVISED WIRELESS CONTACT MONITOR

INSTALLATION INSTRUCTIONS



MAMI

MANUFACTURING AND MINOR INVENTIONS (MAMI)
TEL +27 (011) 452-4737, FAX +27 (011) 452-4738
South Africa - e-mail: sales@mami.co.za
Web site: www.mami.co.za

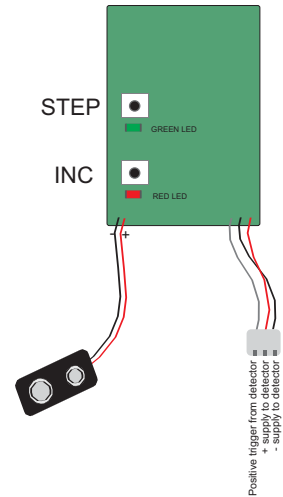
2

FEATURES:

- * Integrated reed switch
- * External input (EG smoke detector)
- * Programmable check-in time
- * Programmable inhibition triggers
- * Programmable inhibition time
- * MAMI Smart and 10+4 formats
- * Battery low reporting
- * Panic button
- * Low power consumption (3uA)
- * Programming zone number for tracer alarm panels
- * Separate PANIC and Trigger zone/channel numbers
- * *Vibration/Accereometer sensor (model: DG2a only)*

Supply: 12V
Current consumption standby (OPEN).....3.5 uA
Current consumption standby (CLOSED).....6.5 uA
Transmission current.....15.0 mA
Frequency403.55MHz(AM)
433.920MHz (AM)

3



4

ENTERING INTO PROGRAMMING

Open the casing

Press and hold the INC and STEP buttons until the GREEN LED flashes. (Insure that the Panic button is not pressed whilst doing this as it will exit programming)

Follow the steps in the blocks below

EXITING FROM PROGRAMMING

Press and hold the INC and STEP buttons until the RED LED stops to flash.

Close the casing

If no buttons are pressed for more than 20 seconds, programming will timeout and exit flashing the RED LED 4 times

5

PROGRAMMING TRANSMISSION CODE (Manual code selection) (SET 1 & 3)

1. Enter programming mode as per block 4.

2.1 Press the INC button once to program MAMI 10+4 format
OR

2.2 Press the INC button three times to program MAMI Smart format

3. Program the 5 digit code via STEP and INC buttons using the step button to move from digit 1 (MSB) to digit 5 (LSB) and INC to increment the value. For example

INC,	STEP	INC, INC	STEP	INC, INC, INC,	STEP,	INC,	STEP,	INC, INC.
1		2		3		1		2

The sequence above will program 12312 as the transmitter code.

PROGRAMMING TRANSMISSION CODE (Random code selection)

Follow the steps 1 and 2.1 or 2.2 above

3. Press and hold the INC button until the GREEN LED starts to flash. The button should be held down for a random amount of time whilst the random code is generated.

After successful programming, the RED led will flash continuously until programming is exited
See Block 4

6

PROGRAMMING ZONE/CHANNEL (SET 2)

1. Enter programming mode (Block 4)
2. Press INC 2 times
3. Press STEP
4. Press INC for the number of the zone
5. Press STEP
6. Successful programming will be indicated by a flash RED LED.
7. Exit programming (Block 4)

NB: For tracer alarm panels please add 7 to the zone number, i.e. pressing 9 times = zone 2 on the tracer

CHECK-IN/SUPERVISION (12 hours)

1. Enter programming mode (Block 4)
2. Press INC 4 times
3. Press STEP
4. Press INC to enable or disable. 1 Flash = enable, 2 flashes = disable (RED LED)
5. Press STEP
6. Successful programming will be indicated by a flash RED LED.
7. Exit programming (Block 4)

7

INHIBITION TRIGGERS (SET 7)

The DG2 can be made to ignore any inputs for a certain time period should the unit be constantly triggered.
This is useful in the case of busy situations where door opening and closing is constant.

After the inhibition trigger times has been exceeded the unit will not transmit until the inhibition time has expired (default 3 minutes).

1. Enter programming mode (Block 4)
2. Press INC 7 times
3. Press STEP
4. Press INC for the number of trigger times
5. Press STEP
6. Successful programming will be indicated by a flash RED LED.
7. Exit programming (Block 4)

8

OPERATION

When triggered via external trigger or magnetic switch or movement sensor, the DG2 will transmit the programmed channel number (Block 6).

If panic is pressed the DG2 will always transmit Channel 1

LED Indications:

During transmission:
1 flash indicates normal operation
2 flashes indicates a battery low (automatically transmitted too)

M000077