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Made in Italy

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# Sintel-3 VM *plus*

PSTN 3 Channel Automatic Voice  
Message Telephone Dialler



## *Instruction Manual*



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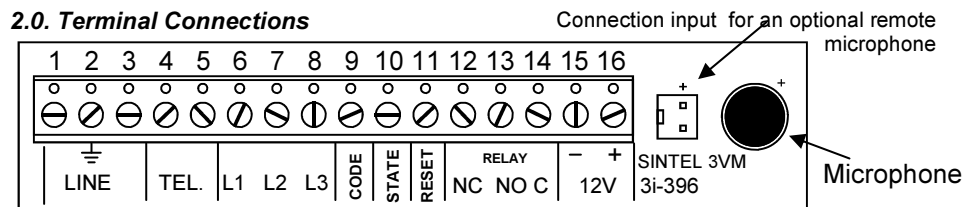


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## 1.0. General Description

The **Sintel-3 VM plus** is an automatic telephone dialler capable of memorizing 5 telephone number and transmit 3 different self recorded voice alarm messages to each number memorized. It is also possible to active from a remote PSTN or GSM telephone a dry contact relay that may be used for Home Automation or other purpose as Arm/Disarm the control panel etc. In addition all inputs may function by giving or removing a negative or positive command. The **Sintel-3VM plus**, with its voice guided menu become user friendly both for the end user and installer. Also the **Sintel-3VM plus** has incorporated a secret code that may be transferred to a VISION, or IT-400 control panels and once transferred the panel can be Armed or Disarmed from a remote phone.

## 2.0. Terminal Connections



- 1 Telephone line input
- 2 Telephone line ground input
- 3 Telephone line input
- 4 Output for normal telephone.
- 5 Output for normal telephone
- 6 Input for alarm trigger message 1
- 7 Input for alarm trigger message 2
- 8 Input for alarm trigger message 3
- 9 Output for arm/disarm key code from remote tel. (Connect to VISION terminal 42 ,IT-400K N°34)
- 10 Input for control panel status (Connect to VISION terminal 38, IT-400 K N°35)
- 11 Input for control panel Reset command
- 12 Normally Closed dry contact relay output
- 13 Normally Open dry contact relay output
- 14 Common dray contact relay output
- 15 Negative power input
- 16 Positive power input (+12 Vdc) (24V on request)

### End User Password

- Press (\*) to exit the menu
- To memorize new telephone number
- To listen to telephone numbers memorized
- To change the End User Password
- To playback the recorded messages

### Technical Password

- Press (\*) to exit the menu
- To memorize a new telephone number
- To listen to the telephone number memorized
- To change PIN of the Technical Password
- **Record a message**
- Playback of message recorded
- **To activate the remote function**
- **TO TRIGGER AN ALARM WITH WITH A-B-C-D**
- A. Give a Positive impulse to the terminal**
- B. Remove the Positive by impulse on the terminal**
- C. Give a Negative impulse to the terminal**
- D. Remove the Negative by impulse on the terminal**

## 3.0. Programming

To start up the **Sintel-3 VM plus**, press 1st the key number 5 and keep it pressed while you power up the dialler through the 12 Vdc. input. After you have connected the 12Vdc. You will hear 2 TICKS. Remove your finger from the 5 key and wait until your hear another 3 TICKS. This will confirm that the unit is in operation. If messages have already been recorded, this procedure will not cancel them.

**If the dialler is installed with a control panels of the series VISION or IT-400 K** and you wish to install the secret code so that from a remote telephone the end user may arm or disarm the control panel, you must: **Remove all power from the Sintel-3 VM plus and connect the terminals 9 and 10 to the control panel.** (refer to the instruction manual of the control panel for the correct connection terminals).

So, in a vacant slot, it may learn the **KEY CODE**. Press the **OK** button and keep it press while you power up once again the telephone dialler. The Voice menu of the telephone dialler will emit **KEYCODE TRANSMITTED** and the control panel will emit 1 beep to confirm that the key code has been learned. After this confirmation you may release the **OK** button. It is possible to enter the programming menu by digiting the **Technical Password** (Factory setting **5555**), or with the **End user Password** (factory setting **1234**), if an incorrect password is entered the voice menu will say **"PIN ERROR"**.

After the password is entered, every time a button is pressed a (TICK) sound will be heard and the following requests will be activated based on the password entered. (See above list on the right hand side).

Once you have entered the programming menu with one of the 2 Passwords, follow the Voice Guided menu instruction tacking into account the following indications:

1. Always wait until the end of the voice message given before taking any action.
2. By pressing the (\*) button you may exit the programming menu at any time. If, however, no keypad buttons is press for about 30 seconds, the telephone dialler will automatically exit the programming mode.
3. When inserting a new telephone number if a delay is necessary between 2 number, all you must do is press (\*) and a 1 second pause will be inserted between numbers (see 4.0 below) The button # must be pressed to confirm the end of the telephone number as requested by the voice menu. The buttons "OK" and "NO" do not function when you insert the telephone numbers.

4. During the Playback of a tel. number, a **Tick** will indicate that there is a 1 second delay between numbers. It is possible to have a longer delay time between number by pressing the button (\*) more than one time while memorizing.
5. By inserting a (\*) after the tel. number before pressing the # button, the **SINTEL 3 VM plus** will communicate the alarm trigger message without waiting for a reply from the receiving tel. number. Select an appropriate number of repetition of the relative message.
6. To delete a number, store only the hash key in the desired position. If the location is empty, the voice guidance will say "NO NUMBER PROGRAMMED."
7. If you, by error, press an incorrect button, the voice menu message will be repeated.
8. When a channel is requested by the voice menu, you must choose 1-2 or 3. All other button will not be active.
9. When the voice menu requests the position of the memorized telephone number, you must choose from 1 to 5, all other button will not be active.
10. To stop the dialler's call cycle from a remote telephone during an alarm trigger, it is necessary that the ( \* ) button be pressed. This function, however, must be programmed for each number when memorized.
11. Both the **technical** and the **user** access codes are made up of 4 figures.
12. After having memorized a new access PIN code the, the dialler will automatically exit the programming mode and sound a beep confirmation. To go back into programming mode you must enter the new access code.
13. The memorized messages have a duration of 10 seconds each and recording: You must start after the tick sound after the voice menu request.
14. After having memorized a voice message, the guided menu will ask "how many times it must be repeated" (from 1 to 9). Only after the messages have been repeated based on the number programmed, it will be possible to stop by remote by pressing ( \* ) the dialler trigger cycle.
15. When the **REMOTE FUNCTIONS** are activated (in the installer menu) it allows the end user to change the control panel status, activate the listen-in function, activate the electronic key code, and to separately arm and disarm the on board dry contact relays. After activation, by calling the Dialler tel. Number, after 7/8 rings, you get a reply asking for the **End User Password**, if the wrong Password is entered, the dialler will 1st inform you and then hangs up. If the Password is correct, the voice guided menu messages will inform the end user of how to proceed and what number to press.
16. The choice of **"ALARM ACTIVATE WITH"** must be made with one of the 4 selections available. If non of these choices are selected by pressing the OK BUTTON, the request will continue and start once again.

**To put the SINTEL 3 VM into normal functioning mode, PRESS ( \* ).**

## 4.0. Normal Functioning Information

During normal dialler functioning, if 1 of the 3 channels receives an alarm trigger command, it will react by sending to all numbers memorized, on that channel, an alarm trigger cycle following the assigned tel. number positions. If no number has been memorized in the channel triggered, no telephone calls will be made.

In the case of an alarm trigger, the dialler cycle of calls can be blocked using 3 methods.

- 1- By applying a high voltage max. (+12Vdc.) or a low voltage (zero volts) to terminal 12, any variation between the high and low voltage will cause the alarm trigger to stop.
- 2- From a remote telephone, after having listened to the trigger message, (if the reset on number called is active) By pressing the ( \* ) button the dialler call cycle will be automatically reset.
- 3- On the SINTEL-3VM keypad, digit the one of the 2 Pin codes. The Pin code must be pressed slowly and a tick must be heard after each number pressed. After inserting the Pin code, the dialler trigger will automatically stop.

Before the trigger message is sent, the dialler waits to hear a voice. In the case of a busy signal, the dialler will continue the dialling cycle and call the next memorized number (a maximum of 40 calling attempts).

In the case that the call is not received, due to tel. line problems, at the end of the tel. number insert a (\*) before the # (See n°5 under programming) this will allow that the message to be repeated based on how it was programmed (maximum 9 times). This message will be played without having received a voice reply to the call.

When the power voltage to the dialler goes to (+10.5 Vdc), the SINTEL 3 VM, if programmed to do so, will send a **low voltage alarm to the first number in channel 1**. The same will take place when the voltage is back to normal again. (+12Vdc).

If any of the 3 channel are triggered before powering up the dialler, no alarm will be triggered. (they must first be reset). During an alarm cycle, if an incorrect PIN is inserted, the cycle will continue until the correct PIN is inserted.

When calling the dialler to enter into remote control, after the reply wait 1 second before entering the end user Password. If the Password is correct, with TRE-I SYSTEMS control panels, you may Arm or Disarm the panel with the Key code that has been previously transferred to the control panel by the dialler. In addition you may enter into Listen-in function, Change the state of the on board dry contact relays based on the tel. button pressed: 1 for ON/OFF and 2 for momentary contact function. For control panels not manufactured by TRE-I SYSTEMS only the impulse function is available.

To remove the "Pegaso" key code from the dialler because you will be installing a panel not manufactured by Tre I Systems, while powering up the dialler press the " NO " button and keep it pressed. After you hear 4 TICKS, you may release the "NO" button. After this you must wait to hear another 3 TICKS. This indicate CODE REMOVED.

**Note: It is very important to have a good ground connection on the terminal block 2. This for thunder storms, etc.**