

General Description

The VD-5100-SM Voice Dialer monitors an external dry contact such as a motion detector and power status. Upon an alarm condition, the Voice Dialer automatically dials three phone numbers with a voice message. Current alarm status can also be checked from a remote location.

Applications

Applications include remote monitoring of security systems, smoke detectors, float sensors, water detectors and unattended processes.

Features

- Monitors open or closed contact alarm with call out
- Power loss alarm
- Three telephone number call out
- Remote access to programming menu and current condition status
- Low battery alarm
- Battery back-up (9 volt-not included)

- Location identification
- Selectable 15 minute or 2 hour call out interval
- Selectable 10 or 2 ring call out
- Security coded access to programming menu
- Dials out in pulse
- LED status indicators
- Phone line status check

Specifications

Power requirements: 12 VDC (110 VAC/12 VDC plug-in wall transformer with six foot long cord included)

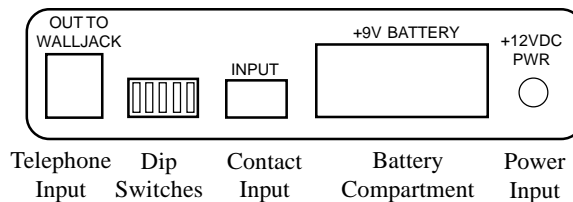
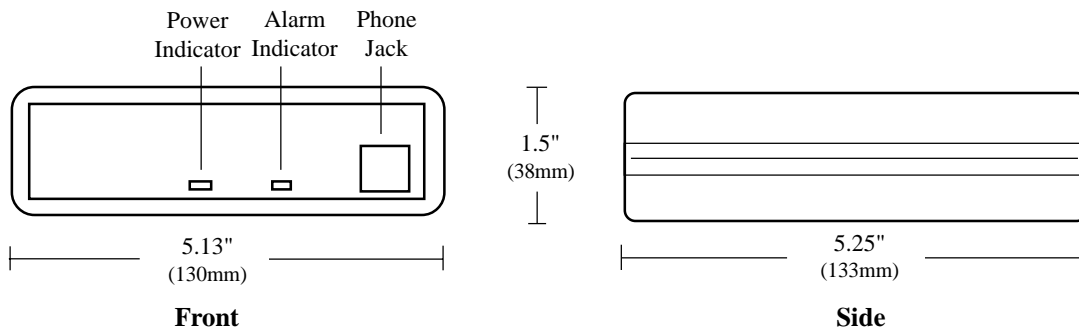
Phone cord: 7 feet long

Ambient temperature range: 32° to 140°F
(0° to 60°C)

Humidity: 90% non-condensing

Weight: 2.0 pounds (0.91kg)

Dimensions



Back

Installation

IMPORTANT: It is critical that the Voice Dialer be tested at the location of actual use, along with actual call-out to destination, since local and long distance telephone lines and systems vary and may affect performance.

1. **Before Starting:** Please read **Warranty** information before using this product.
2. Connect transformer adapter plug to +12VDC port on back of unit.
3. Connect equipment to be monitored to the "Contact Input" terminals on back of Voice Dialer.
4. Install 9 volt alkaline battery (not included) in back of unit.
5. Plug transformer into 110 VAC wall outlet.
6. Select and set dip switch options on back of unit – see Dip Switch Table.
7. Plug any standard Touch Tone telephone into the PHONE receiver port located on the front panel of the Voice Dialer.
8. Follow procedure in **Programming Instructions** described below to program unit.
9. After programming is complete, connect one end of the phone cord provided to the OUT TO WALL JACK port on the rear of the unit, and the other end to a standard telephone jack. Check the phone connection by pressing the pound key (#) on the phone keypad. A dial tone should be heard after the pound key (#) is pressed.

Programming Instructions

The Voice Dialer is programmed by following a series of menu driven voice commands and can be re-programmed remotely or locally from any Touch Tone™ telephone.

MENU DESCRIPTIONS

CALL OUT TELEPHONE NUMBERS:	Follow verbal prompts to change call-out telephone numbers. You may enter the same number more than once, or enter the star (*) key to leave an entry blank (no number). Pressing the pound (#) key will place a 5 second pause between digits. Do not place pauses at end of telephone number(s).
ALARM STATUS:	Reports status of alarm contact. Press "1" to return to main menu or hang up.
SECURITY CODE:	The security code is factory set at "999". Follow verbal prompts to change security code. Security code is also the location ID code.
BATTERY STATUS:	Low battery alarm will occur at 7 volts. Important: Battery should be replaced annually, or when power drops to 7 volts or below. Unplug battery when unit is not in service.
POWER STATUS:	Will report that the "power is off" in the event of an electrical power failure.

The following data must be programmed into the Voice Dialer before operating:

- A. CALL OUT TELEPHONE NUMBERS – three telephone numbers to be called in succession during an alarm condition.
- B. SECURITY/LOCATION CODE – three-digit code used to gain access to main menu or disable unit and identify location.

After connecting a Touch Tone telephone to the front receiver port, lift phone receiver and follow the voice driven menu. The Voice Dialer prompt will say:

"You are now in the main menu:"

"To review or program call out telephone number one, press 1."

"To review or program call out telephone number two, press 2."

"To review or program call out telephone number three, press 3."

"To review alarm status, press 4."

"To review or program security code, press 5."

"For battery status, press 6."

"For power status, press 7."

If the Voice Dialer does not recognize an entry, you will hear "invalid entry." Re-enter your menu selection within 15 seconds to continue with the programming sequence.

IMPORTANT: After programming, disconnect your telephone from the PHONE receiver port on the front of the Voice Dialer.

Operating Instructions

UPON ALARM

The Voice Dialer will call out with one or more of the following messages:

"There is an alarm emergency at location (your three digit security/location code). Help is needed immediately!"

AND/OR

"There is a power alarm emergency at location (your three digit security/location code). Help is needed immediately!"

AND/OR

"There is a battery alarm emergency at location (your three digit security/location code). Help is needed immediately!"

The alarm message(s) is repeated once, followed by:

"To disable call out, enter security code followed by star key."

You must enter the correct security code within 15 seconds or the Voice Dialer will hang up and call all programmed telephone numbers again in 15 minutes or 2 hours. If you enter the correct security code within 15 seconds you will hear:

"Call-out is now disabled. To return to main menu, press 1, otherwise hang up."

You now have the option of returning to the main menu to review or change the system data.

Important: The Voice Dialer will continue to call out with an alarm message until disabled, even if alarm conditions have been corrected.

CALLING THE VOICE DIALER FROM A REMOTE LOCATION

When called from a remote location, the Voice Dialer will answer after 5 rings and you will hear:

"Enter security code followed by the star key."

If you enter the correct security code within 15 seconds you will enter the main menu and hear:

"You are now in the main menu. (no alarm) Press 1 to. . ."

Or you may hear one of the three alarm messages described in **Operating Instructions** above.

The alarm message is repeated once, followed by:

"To disable call out, press 0. Otherwise, to return to the main menu, press 1."

IMPORTANT INFORMATION

Initial alarm delay:	If dip switch #1 is in the DOWN position, alarm will not monitor for 1 minute after programming is complete (see switch table, page 4).
Alarm delay feature:	If dip switch #2 is placed in the DOWN position, the Voice Dialer will delay 4 minutes before calling out during an alarm. An alarm condition must be present for 4 minutes before unit will call out (see switch table, page 4).
NO/NC alarm select:	If dip switch #4 is in the DOWN position, alarm will occur if contact inputs are open. If switch #4 is UP, alarm will occur when inputs are closed (see switch table, page 4).
Power alarm delay feature:	Power must be absent for 4 consecutive minutes before power loss alarm will occur.
Battery alarm delay feature:	Battery must be low or absent for 4 minutes before alarm will occur.
Using Voice Dialer on the same phone line as telephone:	The Voice Dialer does not require a dedicated phone line and can share a phone jack with a telephone by using a dual plug adapter (not included). Caution: The Voice Dialer may not work on a PBX or multi-systems or a party line.

Phone answering machines at the occupied (call to) location:

To avoid unwanted long distance phone charges between the Voice Dialer and a remote answering machine when you are not at home, set your answering machine to pick up at 4 rings and move dip switch #3 on the rear of the Voice Dialer to the DOWN position. This will cause the Voice Dialer to hang up after 2 rings, preventing the answering machine from picking up the alarm call. **Caution: Because of normal connection delays in long distance calls, the Voice Dialer may hang up before the two rings are heard at call-to location(s). Test thoroughly.** If dip switch #3 is in the UP position, the Voice Dialer will hang up after 10 rings. Depending on the length of your greeting, the answering machine may record a portion of the alarm message.

Phone answering machines at the same location as the Voice Dialer:

An answering machine normally will pick up a call before the Voice Dialer. To gain access to the Voice Dialer when used with an answering machine, set the answering machine's ring selector at 4 rings. Call the Voice Dialer's phone number and hang up before the answering machine answers. Wait two minutes, call again, and then the Voice Dialer will pick up your call.

Monitoring multiple Voice Dialers using identification numbers:

Upon alarm, the Voice Dialer calls its programmed telephone number and announces the location of the alarm, using the SECURITY CODE as a location identification number. This enables you to monitor and identify up to 1000 Voice Dialer locations.

Dip switch table:

Factory settings are set in the UP position.

Switch #	Function	Settings	
1	1 minute initial delay	UP = no delay	DOWN = delay
2	4 minute alarm delay	UP = no delay	DOWN = delay
3	Select between 10 or 2 ring call-out	UP = 10	DOWN = 2
4	Normally open/normally closed option	UP = NO	DOWN = NC
5	Select 15 minute or 2 hour call out frequency	UP = 15 min	DOWN = 2 hrs

Troubleshooting

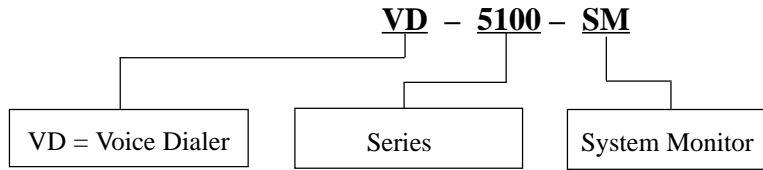
Problem

Solution

- | | |
|---|--|
| 1. Unit does not function ----- | Check power supply and phone line service. |
| 2. Phone does not ring at "call-to" location ----- | Review telephone number. Re-program if needed. |
| 3. Cannot access Voice Dialer (same location) ----- | Make sure Touch Tone™ telephone is plugged into front face plate. Try another phone. |
| 4. Cannot access Voice Dialer (remote location) ----- | Make sure Touch Tone™ telephone is being used (not set to "pulse"). Check Voice Dialer power and telephone connections. Try another phone. Verify security code. |
| 5. Receiving false alarms ----- | Check the parameters and tolerance of the system or equipment being monitored. |

Ordering Information

Please use the following example when ordering:



Other models are available: VD-5100-TM and VD-5300-MCS.

Custom Design & Modifications

In addition to standard models, Control Products specializes in complete custom design of electronic controls. Modifications of our standard controls are also available. Please consult factory for more information.

Limited Warranty

Limited Warranty:

1. Warrantor: Dealer, Distributor, Retailer, Manufacturer
2. Warranty and Remedy:

We believe this is a very fine product. Over the years, we have received many calls and letters from folks with thanks and stories on how our product alerted them to a potentially costly emergency. We have also heard from a few unhappy folks complaining that this product did not alert them during an emergency. Although we take extreme pride in producing and testing a product that will function properly, we cannot guaranty that there will never be a defective unit, or that a unit will function on all of the thousands of phone lines and communication equipment in existence. For this reason, **it must be clear that the Warrantors are not insuring your premises or guaranteeing that there will not be damage to your person or property if you use this Product.** If you are not comfortable with our Limited Warranty, or completely satisfied with the Product, we encourage you to return the unused Product for a full refund. Thank you for your understanding.

One Year Limited Warranty - Control Products, Inc. warrants its products to be free from defects in material and workmanship under normal use for one year, and is not responsible for consequential damages or installation costs of any nature. In the event that the Product does not conform to this Warranty at any time during the period of one year from original purchase date, Warrantor will repair the defect and return it to you at no charge. **IMPORTANT: The Warranty is limited to replacement of the Product ONLY. Secondly, because every phone line differs, we stongly encourage you to fully test this Product in its actual application. This should include a full test, involving the Product actually dialing to its designated location and someone verifying the proper response.**

This Warranty shall terminate and be of no further effect at the time the Product is 1) damaged by extraneous causes such as fire, water, lightning, etc., or not maintained as reasonable and necessary; 2) modified; 3) improperly installed; 4) repaired by someone other than the Warrantor; 5) used in a manner or purpose for which the Product was not intended.

WARRANTORS' OBLIGATION UNDER THIS WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT ONLY. THIS WARRANTY DOES NOT COVER PAYMENT OR PROVIDE FOR THE REIMBURSEMENT OF PAYMENT FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

It must be clear that the Warrantors are not insuring your premises or guaranteeing that there will not be damage to your person or property if you use this Product. The Warrantors shall not be liable under any circumstances for damage to your person or property or some other person or that person's property by reason of the sale or use of this Product, or its failure to operate in the manner in which it is designed. The Warrantors' liability, if any, shall be limited to the original cost of the Product only. Use of this Product is at your own risk.

3. Procedures for Obtaining Performance for Warranty:

In the event that the Product does not conform to this Warranty, the Product should be shipped or delivered freight prepaid to a Warrantor with evidence of original purchase. **If in any way you are not comfortable with the product or its Limited Warranty, we encourage you return it unused.**