

Specifications/Installation VD-5200-MCS Voice Dialer (Monitor Control System)

General Information

The VD-5200-MCS Voice Dialer Monitor Control System monitors temperature, an additional input (auxiliary alarm relay closure) and offers a remote switch capability. Upon an alarm condition the VD-5200-MCS automatically dials a phone number with a voice message. You can also call the VD-5200-MCS to check the current temperature and status of alarms, or switch the remote relay.

Applications

Freeze protection of buildings (homes, cabins and commercial buildings), monitoring of any relay output system or sensor; security or liquid level sensors, agricultural temperature monitoring. The remote switch feature can be used to control thermostats or equipment from any remote Touch Tone phone.

Features/Specifications

Alarm: Transmits a voice alarm message, upon alarm, every 15 minutes until disabled.

Telephone connection: Standard RJ-11 plug-in modular connector with telephone cord (included).

Security Code: The Voice Dialer is protected from unauthorized access with a two digit security code.

Location ID: The Voice Dialer uses its security code as a location ID number when calling out.

Remote access: Programmable from any Touch Tone phone.

Automatic reset: Disabled unit resumes normal operation once alarm condition is corrected.

Temperature alarm range: -40°F to 199°F

Temperature Sensor: 3' long (can be extended up to 1000')

Auxiliary Input: Screw terminal for monitoring any dry contact, switch or relay closure.

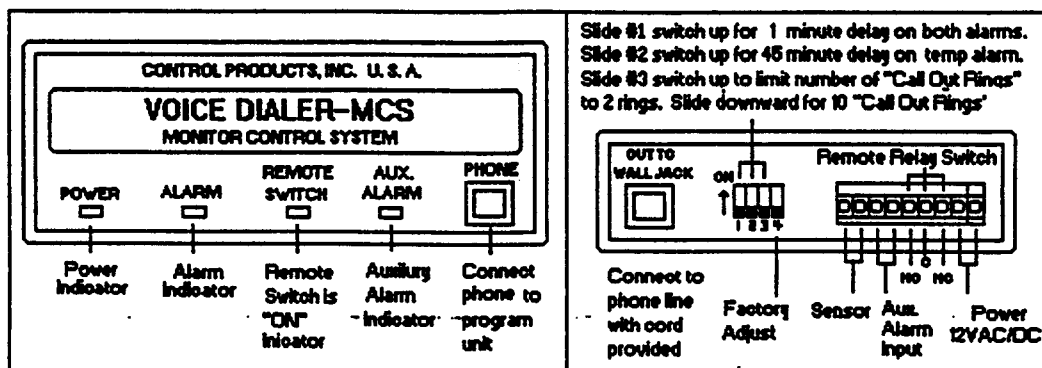
Remote Control Switch: SPDT, 10 amps.

Power requirement: 12 VAC or DC (110 VAC/12 VDC plug-in wall transformer with 6' long cord is included).

Ambient operating temperature: 32°F to 140°F

Alarm temperature differential: 2°F

Dimensions: 6"W x 6.25"D x 2.5"H



Front View

Rear View

Tech Support 952-448-2217

INSTALLATION

1. Connect transformer adapter leads to "Power 12VAC/DC" terminal screws on rear of unit. Plug transformer into 110 VAC wall outlet.
2. Before programming, plug any standard Touch Tone telephone into the "PHONE" receiver port located on front panel of Voice Dialer. Follow procedure in "PROGRAMMING" section described below.
3. After programming procedure is complete, connect "OUT TO WALL JACK" port on rear of Voice Dialer to a standard phone line wall jack using the phone cord provided. Disconnect telephone from front of unit.

PROGRAMMING

The Voice Dialer is programmed by following a series of menu driven voice commands and can be re-programmed from any remote Touch Tone phone.

The following data must be programmed into the Voice Dialer:

- A. SECURITY CODE.....two digit code used to gain access to main menu or disable unit
- B. TEMPERATURE ALARM SETPOINT.....temperature at which an alarm call will be initiated
- C. REMOTE CONTROL SWITCHthe status must be programmed "off" or "on"
- C. CALL OUT TELEPHONE NUMBER....telephone number to be called during an alarm condition

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

"You are now in the MAIN MENU"

"For AUXILIARY ALARM STATUS...PRESS 1"

"For CURRENT TEMPERATURE...PRESS 2"

"To review or program TEMPERATURE ALARM SETPOINT...PRESS 3"

"To review or program REMOTE SWITCH status...PRESS 4"

"To review or program CALL OUT TELEPHONE NUMBER...PRESS 5"

"To review or program SECURITY CODE...PRESS 6"

1. "PRESSING 1"- will report the AUXILIARY ALARM STATUS. The Voice Dialer will confirm whether or not the auxiliary alarm is in an emergency condition. You can then PRESS 1 TO RETURN TO MAIN MENU OR HANG UP.
2. "PRESSING 2"- will report the CURRENT TEMPERATURE of the sensor...After temperature is reported, PRESS "1" TO RETURN TO MAIN MENU OR HANG UP.
3. "PRESSING 3"- will report the TEMPERATURE ALARM SETPOINT. The setpoint is factory set to activate above 199F. Follow verbal prompts to change setpoint. The setpoint is the temperature at which the Voice Dialer will initiate an alarm call to your programmed telephone number. The setpoint must be more than two degrees from room temperature. A second prompt requires you to indicate whether you want the temperature alarm to activate ABOVE or

BELOW the programmed alarm setpoint. (This will depend on whether your application heating or cooling)....PRESS "1" TO RETURN TO MAIN MENU OR HANG UP.

4. "PRESSING 4"- will allow you to review or program the REMOTE SWITCH STATUS. Follow verbal prompts to change the remote switch "on" or "off". PRESS "1" TO RETURN TO MAIN MENU OR HANG UP.
5. "PRESSING 5"- will report the CALL OUT TELEPHONE NUMBER. The call out number is factory set at 555-5555. Follow verbal prompts to change call out telephone number....PRESS "1" TO RETURN TO MAIN MENU OR HANG UP.
6. "PRESSING 6"- will report the SECURITY CODE. The security code is factory set at "99". Follow verbal prompts to change security code....PRESS "1" TO RETURN TO MAIN MENU OR HANG UP.

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 programming sequence.

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

RECEIVING AN ALARM CALL

Upon alarm, the Voice Dialer will call out (every 15 minutes for temperature alarm; every 5 minutes for auxiliary alarm), with the following message:

"There is a temperature alarm emergency at location (your two digit security location code). Help is needed immediately."

OR

"Auxiliary alarm is in an emergency condition at location (your two digit security location code). Help is needed immediately".

You will hear one of these alarm messages twice 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 again in 15 minutes. If you enter the correct security code within 15 seconds you will hear:

"To return to main menu, press 1, otherwise hang-up"

You now have the option of returning to the main menu to review the current building status or re-program the system-program data.

Please note: 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 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)

OR:

"There is a temperature alarm emergency at location (your two digit security location code). Help is needed immediately. To disable call out, press 0"

OR:

"Auxiliary alarm is in an emergency condition at location (your two digit security location code). Help is needed immediately. To disable call out, press 0."

Other information:

Using Voice Dialer on same phone line as telephone:

The Voice Dialer does not require a dedicated phone line. Caution: The Voice Dialer will not work on a PBX system or party line.

Using Voice Dialer with same wall jack as phone:

The Voice Dialer does not require a dedicated phone jack. To operate a telephone off the same wall jack, use a dual plug adapter (purchased separately and found in most hardware stores).

Alarm delay feature:

The Voice Dialer has several alarm delay options for applications requiring an alarm delay before calling out. When dip switches #1 and #2 are both in the down position the Voice Dialer will call out immediately upon any alarm conditions. Moving dip switch #1 upward will cause the Voice Dialer to delay 1 minute before calling out for both alarms. If dip switch #2 is placed in the upward position and dip switch #1 is down the Voice Dialer will delay 45 minutes during a temperature alarm only and call out immediate upon an auxiliary alarm.

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

To avoid unwanted long distance phone charges between the Voice Dialer and a remote answering machine when you are not home, set your answering machine on 4 rings or higher and move slide switch #3 on the rear of the Voice Dialer to the up position. This will cause the Voice Dialer to hang up after 2 rings, preventing the answering machine from running up long distance phone charges. If slide switch #3 is in the down position, the Voice Dialer will hang up after 10 rings.

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

An answering machine normally will pick up your call before the Voice Dialer. To gain access to the Voice Dialer when used with an answering machine, set your answering machine "Rings" selector at four or higher. Call the Voice Dialer phone number and hang up before the answering machine answers. Call back again within 45 seconds and the Voice Dialer will answer.

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 identify and monitor up to 100 Voice Dialer locations.

Power Loss:

The Voice Dialer will not function during a power outage but will retain its programmed data in memory. Upon power restoration the Voice Dialer will respond to any emergency condition.

Two Alarm Conditions:

The Voice Dialer will respond to the first alarm condition (temperature or auxiliary). Once this alarm condition has been disabled the Voice Dialer will check for the other alarm status and respond. (Exception: If there is an auxiliary alarm condition during a 45 minute delay temperature alarm, the Voice Dialer will respond immediately to the auxiliary alarm) Note: The user should check the status of both alarms at any time.

LIMITED WARRANTY

1. **WARRANTOR:** Dealer, Distributor, Manufacturer
2. **WARRANTY AND REMEDY:**

One Year Warranty-In the event that the Product does not conform to this warranty at any time during the period of one year from original purchase, warrantor will repair the defect and return it to you at no charge.

This warranty shall terminate and be of no further effect at the time the Product is (1) damaged by extraneous cause such as fire, water, lightning, etc., or not maintained as reasonable and necessary; (2) modified; (3) improperly installed; (4) repaired by someone other than warrantor; (5) used in a manner or purpose for which the Product was not intended; or (6) sold by original purchaser.

WARRANTORS' OBLIGATION UNDER THIS WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT. THIS WARRANTY DOES NOT COVER PAYMENT OR PROVIDE FOR THE REIMBURSEMENT OF PAYMENT OF 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 of this Product or its failure to operate in the manner in which it is designed. The warrantor's liability, if any, shall be limited to the original cost of the Product. The warrantors assume no liability for installation of the Product and/or interruptions of the service due to causes beyond seller's control. The warrantors are not liable for long distance phone charges incurred by the use of this product.

3. **PROCEDURE FOR OBTAINING PERFORMANCE OF 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.

Effective date 12-2-92