GE Security

Field Notes

Introduction

We are replacing the DL2 Dialer with a new model, the 2-DACT Digital Alarm Communicator Transmitter. We are phasing the DL2 out of production.

This means that you may receive a new EST2 system with a 2-DACT, rather than a DL2. Further, if you replace the DL2 on an existing system, you'll be replacing it with a 2-DACT.

This bulletin contains information about the 2-DACT that will appear in the next revision of the *EST2 Installation and Service Manual* (P/N 270186). Refer to this bulletin when using a new 2-DACT with an *existing* EST2 system.

The 2-DACT is configured by the 2-DCU configuration program. Be sure to refer to the *2-DCU Help* for programming information as you configure the 2-DACT.

In general, wherever you find "DL2" in an existing technical publication, you can simply replace it with "2-DACT." The information here covers the few exceptions to this rule.

Operating currents

The 2-DACT has a slightly higher maximum current draw than the DL2. If you are replacing a DL2 with a 2-DACT, check your battery calculations to verify that you are still within the correct limits. The following table summarizes the maximum current requirements for both modules.

Mode	DL2	2-DACT
Standby	10 mA, max.	11 mA, max.
Alarm	20 mA, max.	24 mA, max.

Using the 2-DCU

To configure the 2-DACT, you must use the 2-DACT Configuration Utility program (2-DCU). In the *next* version of EST2 (version 3.2) the 2-DCU will be integrated with the 2-SDU. However, for version 3.1, you'll need to launch the 2-DCU from your Start menu, or from the icon created on your desktop during installation of the 2-DCU.

Compatible DACRs

The 2-DACT is listed for use with the DACRs listed in the following table.

Receiver	Models	Formats
Osborne-Hoffman	OH 2000	SIA 4/2, Contact ID
Radionics	D6600	SIA 4/2, Contact ID
Silent Knight	9800	SIA 4/2, Contact ID
Tyco International (US) Inc. (Sur-Gard)	SG-SLR, SG - System III	SIA 4/2, Contact ID

System fault messages

Table 3: System fault messages

Message	Description
0026 / Dialer Phone Line 1 fault	An electrical fault on telephone line 1 caused by:
	- A bad connection between J1 and the telephone jack - An inoperative telephone line
	Note: The fault may take up to two minutes to clear after the repair.
0027 / Dialer Phone Line 2 fault	An electrical fault on telephone line 2 caused by:
	- A bad connection between J2 and the telephone jack - An inoperative telephone line - A configuration error*
	*If the 2-DACT is configured for 1-line operation, this error means J2 is connected to a good phone line. Disconnect the line to clear the error. The fault may take up to two minutes to clear after the repair.
0029 / Dialer manually disabled	The dialer disconnect switch was pressed or:
	- The dialer is new and needs programming - The dialer is in the programming mode
	See the 2-DCU online help for programming instructions on the 2-DACT.

System service procedures

Note: See the 2-DACT installation sheet for detailed drawings and information about terminals, cables, and wiring.

Verify the following for the 2-DACT:

- Incoming receiver phone numbers for the CMS (central monitoring station)
- Site ID (account) codes
- Proper entry of all information into the dialer

Verify the designed settings stored in your project file. If these are correct, compare the designed settings with the actual settings in the 2-DACT.

To verify information:

1. Start the 2-SDU and open the correct project.

2. Click Tools > Dialer Configuration to start the 2-DCU.

3. Verify the designed settings shown in the 2-DCU window, or click Report > Configuration to view the Configuration Report.

4. Press the Disable button on the 2-DACT to enable communication.

5. Click Communication > Read from DACT to upload the actual settings from the 2-DACT.

   The 2-DCU automatically displays the DACT Difference Report, which highlights differences between the designed and actual settings.

Table 14: 2-DACT Dialer trouble conditions

Problem	Possible Causes
Dialer not communicating with the CMS	Incorrect phone numbers entered in the dialer Incorrect site ID (account) numbers entered in the dialer 2-MCM not configured for dialer Long distance prefix (1) not entered in phone number* Incompatible receiver
	*The long distance prefix is not always required.
Garbage signal received at the CMS	Incorrect protocol selected at receiver Defective dialer module
Telephone line problems	Loop start line not furnished Line wired through PBX board Line voltage less than 10 VDC T-tap on phone line before RJ31X jack Dialer not wired to seize line upon operation

Contacting support

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