

## DDI-9E DUAL LINE EXTERNAL DIGITAL DIALER-RECEIVER



### Features

- Dual line external digital alarm communicator receiver dialer (DACR) module
- Processes dialer alarm, trouble and restore signals through a digital dial-up telephone network
- Integral caller-ID (with service provided from telephone company)
- Supervises telephone line to verify connection
- Provides 8 user defined configuration tables for incoming signals (see reverse)
- Onboard LEDs to indicated PCM RX, RING, FSK RX, FSK TX and general purpose Test
- Power-up diagnostic test with pulsing error code LED indicator
- NFPA-72 Compliant

### Product Description

The DDI-9E is a dual line external dialer alarm communication receiver (DACR) module capable of processing Contact ID account information. Only one DDI-9E may be connected to a System 3505.

The Digital Dialer interface option allows the System 3505 to receive alarms through the dial up telephone network. The dialer option software provides conversion of coded information from the receiver into the proper format for processing by the System 3505.

The DDI-9E is a dual-line external DACR module (P/N 425196-0001 and 425196-0002) that will accept any pulsed dialer rate from 10 to 40 (37) BPS using 3x2, 4x1, or 4x2 format Contact ID.

The DDI-9E will process all dialer formats now available with the DDI-7/8 (please note the unit cannot mix 3x2 formats with 4x1 formats.). Converting from the DDI-8 to the DDI-9E should not require any setup changes for the existing formats.

Future releases of new protocols will be free of charge. The upgrades may be obtained by downloading the latest program from our website when the formats are available.

The DDI-9E card processes dialer Alarm, Trouble and Restore conditions. The System 3505 displays and prints the incoming DDI-9E signals. The user can specify Restoral = Yes or No for each account number. After an alarm or trouble condition appears, the CLEAR button will blink if an invalid account number comes through or if Restoral = N for that account number. In this instance the operator can hit the CLEAR button when the light is blinking and the condition will be cleared. If the dialer has a restoral feature, the user would select Restoral = Y and the dialer would send a restoral automatically. This device is NFPA-72 compliant.

Requires P/N 000001-0042 Digital Dialer Option with Negative Dialer Option.

# SPECIFICATIONS

**DIMENSIONS:**

Height: - 2 in.  
 Width: - 5.5 in.  
 Depth: - 15 in.

**COMMUNICATIONS:**

Type: Pulse, DTMF, FSK  
 Reception Speed: 10, 20, 40 pps(dr/cs)  
 Handshakes and Kiss-off: 1400Hz/23000-2225Hz  
 Pulse Frequency/Telim: 1800Hz/1900-1100Hz

**POWER REQUIREMENTS**

From power supply or battery, 6V to 12V, 3 watts.

**CONNECTION TO PHONE**

2 ea. RJ11 telephone line jacks.

**RS-232 SERIAL PORT**

RS-232 Configurator Card and MEM-ID EPROM  
 Order # 425196-0001

**PARALLEL PRINTER**

Standard DB-25 connection from the DDI-9E  
 (This will work independent from the systems printer)

**The following dialer formats are supported by the DDI-9E:**

- A - Silent Knight/Ademco slow, 10 BPS 3/1, 4/1, 4/2, non-extended format
- B - Silent Knight fast, 20 BPS 3/1, 4/1, 4/2, non-extended format
- C - Silent Knight/Ademco slow 10 BPS 3/1, extended format
- D - Silent Knight/Ademco fast 20 BPS 3/1, extended format
- E - Sescoa, Franklin, DCI, Vertex, 20 BPS 3/1, 4/1, 4/2, non-extended format
- F - Sescoa, Franklin, DCI, Vertex, 20 BPS 3/1, extended format
- G - Radionics 3/1, 4/2, non-extended format
- H - Radionics 3/1, 4/2, non-extended with parity format
- I - Radionics 3/1, extended format
- J - Radionics 3/1, extended with parity format
- K - Silent Knight, Contact ID (Ademco)
- L - SIA
- M - BFSK
- N - Modem 111-2A

