



# DTS-1 Dialer Tester

The DTS-1 Dialer Tester was designed to check the performance of all DSC digital communicators and control panels with built-in communicators, as well as most other digital communicators. The unit has two modes of operation; local mode and line mode.

## LOCAL MODE

In local mode, the DTS-1 Dialer Tester simulates the telephone line and monitoring station operation. Disconnect the incoming telephone line and connect the DTS-1 as shown in Fig. 1. Attach the clip leads of the power (PWR) wires to a 12 volt DC supply, black to “-” (negative) and red to “+” (positive). Attach the clip leads of the telephone (TEL) wires to the communicator line terminals, green to “TIP” or “T”, and red to “RNG” or “R”. Push the Line/Local button on the DTS-1 to turn on the “LOCAL” LED.

Activate the communicator by tripping a zone. When the decimal point in the DTS-1 display illuminates, press the Dial Tone push-button until the communicator begins to dial. If the communicator is pulse dialing, the numbers will be

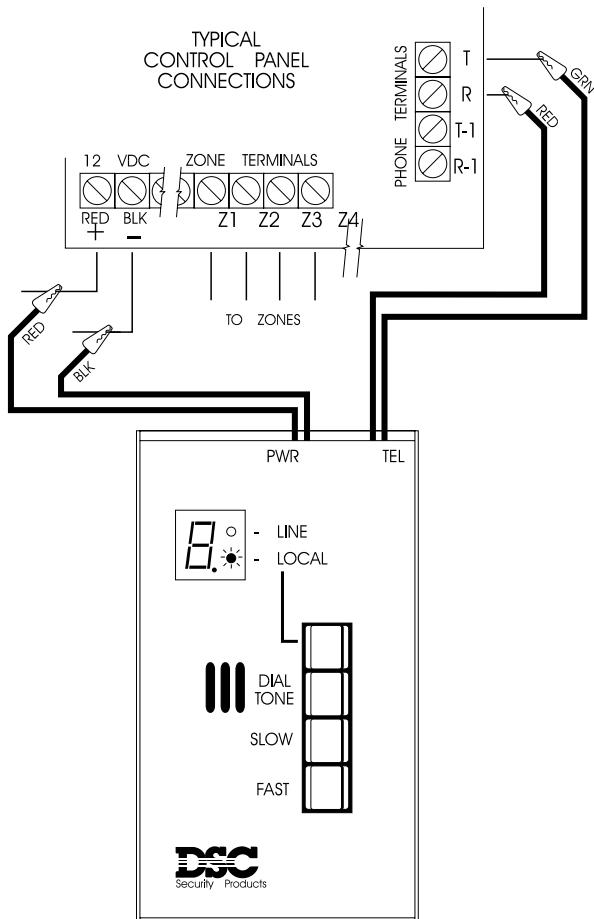
displayed on the DTS-1 display and the pulses will be heard on the speaker. If the communicator is tone dialing (DTMF), the tones will be heard, but the numbers will not be displayed.

After dialing, the communicator waits for an answer tone. If the dialer is communicating with a fast-format central station receiver, push the Fast button to give the correct answer tone (2300 Hz). If the communicator is communicating with a central receiver requiring slow format, push the Slow button to provide a 1400 Hz tone. The communicator will then start to transmit the alarm and user codes; these numbers will be displayed on the DTS-1 display and the tones will be heard on the speaker. Press the Fast or Slow button to acknowledge each code transmission.

## LINE MODE

Connect the DTS-1 as shown in Fig. 2. Push the Local/Line switch until the “LINE” LED on the DTS-1 is ON. In this mode, the DTS-1 can be used to listen to the communication between the dialer and central receiver without loading the phone line.

**Fig. 1 LOCAL MODE**



**Fig. 2 LINE MODE**

