



## Description

The UDACT-100A Digital Alarm Communicator Transmitter/Dialer Module allows Mircom's FA-1000 or FX-2000 Fire Alarm Control Panels to use one or two phone lines to call a Central Station and report a local Alarm, Trouble or Supervisory condition per zone. The UDACT-100A supervises two (2) telephone lines, and can be programmed to use the Security Industry Association (SIA), Digital Communication Standard (DCS), and Ademco Contact ID protocols. The UDACT-100A is powered by the host Fire Alarm Control Panel and communicates with the fire alarm control panel via a high speed intelligent serial link.

The UDACT-100A supervises two telephone lines and will automatically transmit on a backup line if a trouble is detected on the primary. The UDACT-100A automatically initiates a maintenance call-in at a 24 hour interval. Call-in time is user programmable. The UDACT-100A supports local premises telephones on each line, and will automatically seize the line when an event occurs. Operational and account parameters are programmed using the CFG-100 Configuration Tool.

## Features

- Transmits point-specific Alarm, Supervisory, Waterflow, and Trouble information on two telephone lines
- Communicates to the FA-1000 or FX-2000 Fire Alarm Control Panels via an RS-485 Data Link
- User configurable with the CFG-100 Configuration Tool
- Tone or Pulse dialing
- Programmed to use the Ademco Contact ID and SIA-DCS protocols
- Programmable AC loss reporting delay
- 16 digit phone number capability
- Programmable test signal sequence
- Two (2) telephone line status LEDs
- Supervises two telephone lines
- Local premises telephone support

## Specifications

The Universal Digital Alarm Communicator Transmitter (UDACT-100A) shall continuously supervise the state of each of two connected Telco Lines (at approximately 1-minute intervals) by a Line-DC level measurement. If supervision fails, a Line #1 or Line #2 Trouble event will be reported. Once a Line has been restored, a Line Trouble Restored event will be reported. The product will always report events sorted in the order in which they are received/recognized. The UDACT-100A shall be capable of reporting multiple events to a single account number, within a single call session.

Up to 3 attempts for a single message not yet reported will be made within a single call attempt. A failure to communicate to either or both accounts will generate a corresponding event which will be queued for reporting. The unit shall be a Mircom Model UDACT-100A. The unit shall be capable of reporting Alarm, Trouble, Supervisory, and Waterflow events.

### Current Consumption:

Standby: 45 mA

Alarm: 120 mA

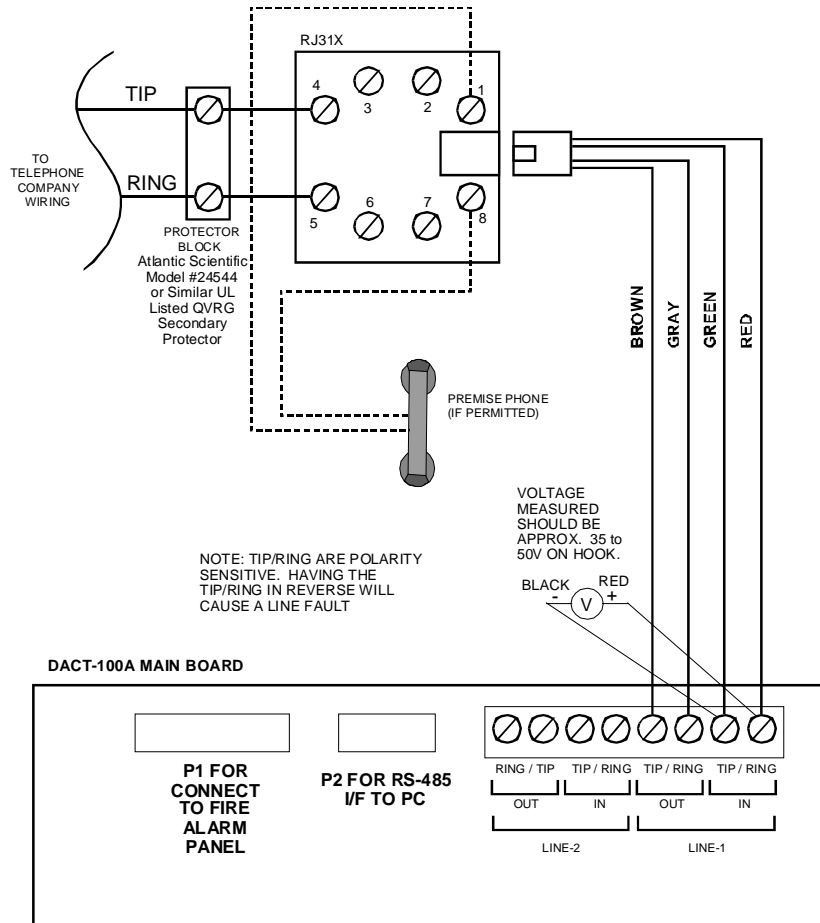




## CFG-100 Configuration Tool

The CFG-100 Configuration Tool consists of a 4-line LCD display and keypad in a rugged metal enclosure, with a ribbon cable to connect to the UDACT-100A.

## Wiring Diagram



## Ordering Information

Model	Description
UDACT-100A	Universal Digital Alarm Communicator Transmitter
CFG-100	Configuration Tool

NOT TO BE USED FOR INSTALLATION PURPOSES.



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