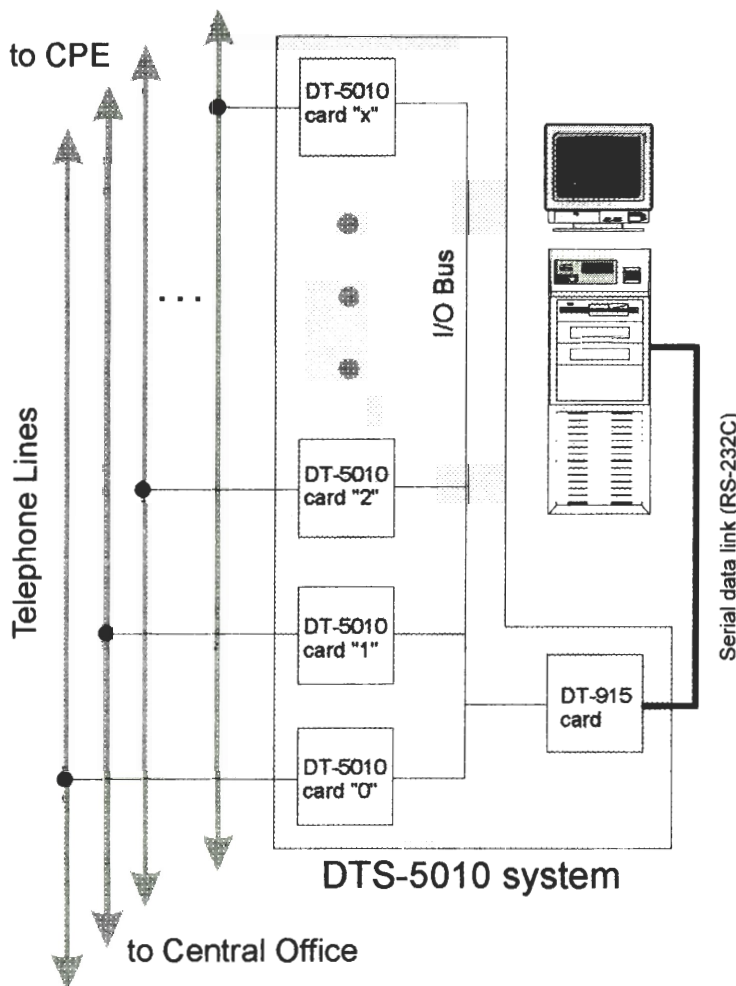


# DigiTrap<sup>TM</sup>

## DTS-5010

**Capture DTMF digits on analog telephone lines and send them to your computer's serial port**



### Functions

- Monitor two lines per card, up to 24 lines per serial port.
- Capture DTMF digits without affecting two-way call traffic.
- Transmit line number + digits to your computer system.

### Components

**System Chassis, Model DTC-01**  
Rugged, 13-slot card cage can be rack-mounted or can sit on a table on rubber feet. Status LEDs are visible through the plastic cover panel. Input voltage: 115VAC (standard) or 230VAC (optional). Dimensions: 19"W x 6"H x 15"D

**DigiTrap card, Model DT-5010**  
Monitors the Tip/Ring leads of two analog lines per card. Captures DTMF digits on almost any type of circuit, including POTS, DID and E&M. Start with just one DigiTrap DT-5010 and grow to 12 cards (24 lines) in a single chassis.

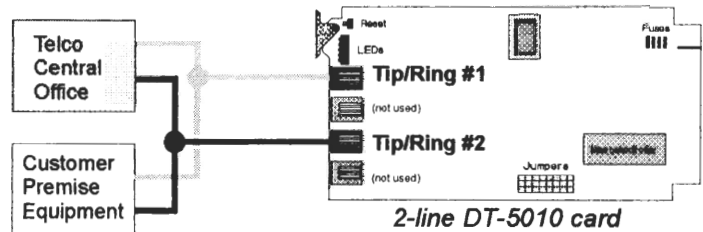
**Serial Data card, Model DT-915**  
Collects digits from each DT-5010 card and attaches the corresponding line number before transmitting the data to your computer's RS-232 port. Specifications: ASCII characters, 300 to 9600 bps, DB-9 interface cable (included).

The *DigiTrap* DTS-5010 lets your computer keep track of every DTMF digit that crosses your phone lines. Simple software (yours or ours) can be used to record outbound phone numbers, capture ANI and DNIS from the long distance carrier, or tally commands sent to your voice processing system.

The DTS-5010 works on analog phone lines that pass audio over the Tip and Ring leads. Each circuit is monitored for DTMF digits, without interfering with inbound or outbound calls. Individual digits can be sent to the computer instantly, or can be "batched" if they are received close together.

## OUTPUT RECORD FORMAT

FIELD	POS	LEN	EXAMPLE
Card	1	1	0,1,2,3, ...,9,A,B
Line	2	1	1 or 2
Digit(s)	3	n	8543336
ETX	3+n	1	F (ASCII letter)



## SYSTEM CONFIGURATION

The DTS-5010 starter system comes complete with a System Chassis, a DT-915 serial data card, one DT-5010 interface card, modular cords and DB-9 cable. Add up to eleven (11) DT-5010 expansion cards. Includes DOS software to collect data from your computer's COM port and append it to a file.

Since each DT-5010 interface card is controlled by a microprocessor, custom firmware can be ordered to satisfy virtually any requirement. If you have a unique application, just ask Nicollet to solve it.

## LINE MONITORING SPEC'S

Line Impedance	> 450K ohms
Batch Timeout	2 seconds
DTMF Detection:	
Component	Teltone 8880
Tone duration (min.)	35 msec
Interdigit (min.)	35 msec
Twist (maximum)	10 dB
Signal level (min.)	-30 dBm
Signal level (max.)	+3 dBm

***When it comes to digit capture, DigiTrap does it best.***