

**DTV<sup>®</sup>1000**  
**DTX1000**

**ACCESS CONTROL SOFTWARE  
INSTRUCTIONS**

# TABLE OF CONTENTS

## General Information

System Requirements.....	Pg. 1
Software Installation .....	Pgs. 1-2
Getting Started .....	Pg. 2

## Model Specific Information

### Modifying the Current Settings

DTX 1300/1350 .....	Pgs. 3-5
DTX 1200/1250 .....	Pgs. 6-8
DTX-1100/1150 .....	Pgs. 9-11



# DTX1000 Access Control Software Instructions

(Detex Part #101136)

## Minimum System Requirements

Make sure that your PC and its software conform to the following *minimum* DTX1000 software requirements and recommendations.

386 (or better) PC-Processor Speed

Windows 3.1, Windows 95 or Windows 98

Available serial (COMM) port

Mouse or other pointing device

4.00 or later Version DTX1000 Software (Version number indicated on the label of the Printed Circuit Board, Microcontroller chip within the housing of the DTX unit).

## Software Installation

### Win 3.1

1. Start Windows and display the Program Manager.
2. Insert the DTX1000 Installation disk into your disk drive.
3. From the Program Manager in Windows, select **Run** from the File menu to display the Run dialog box.
4. At the Command Line edit box in the dialog box, type:  
**A:\setup OR B:\setup**

*This will take you to the installation window.*

5. Select drive path that contains the DTX1000 software files (A:\ or B:\, will be same as in step 4 above)
6. Select destination drive and location for DTX1000 software (normally will be C:\DTX1000)

### Win 95/98

1. Insert the DTX1000 installation disk into your disk drive.
2. Select **Run** from the Start menu to display the Run dialog.

3. At the Open edit box in the dialog box, type:

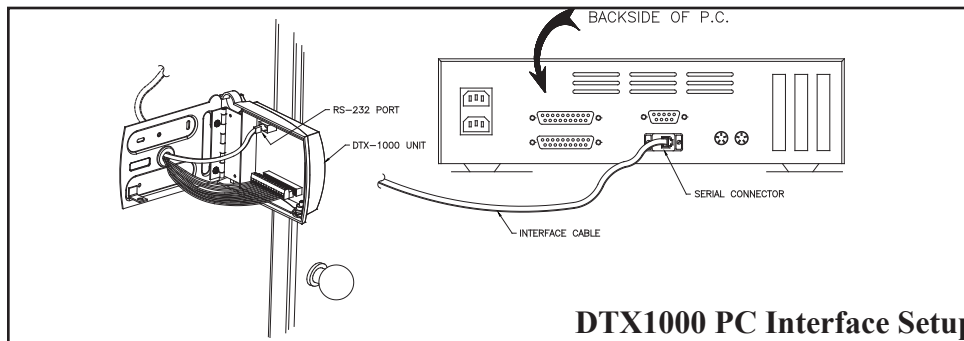
**A:\setup OR B:\setup**

*This will take you to the installation window*

4. Select drive path containing DTX1000 software files (A:\ or B:\, will be same as in step 3 above)

5. Select destination drive and file location for DTX1000 software (normally will be C:\DTX1000)

## **Getting Started**



- Connect the DTX1000 Access Control to an available serial port on your PC with the included serial cable (*make a note of which serial port used, 1, 2, 3, or 4*). As in the illustration above, the cable plugs into the DTX1000's RS232 port and an open serial port on your computer. DTX units not set up with a permanent connection to a PC can be individually opened and programmed with a laptop computer. If the unit is equipped with an Anti-Tamper Switch (ATS), you **must** disable the alarm in accordance with the alarm manufacturer's instructions, **before** opening the unit.
- Start the DTX1000 program. (*Double click on "DTX1000 Icon"*)
- If this is a first time start up, you must select and enter a *6 digit password*. This password **must** be 6 digits and may include spaces, letters or numbers (*REMEMBER your password*).
- In the "Communication" box on the main screen (*lower right hand section*), select the serial (comm) port number that the Access Control Unit is connected to. (*Use "DOWN" button for list of options*)
- In the "Commands" box of the main screen, click on the "READ" button. The data now displayed on the screen is the configuration data that is currently loaded in your DTX1000.

### **IMPORTANT:**

**1) AFTER EXERCISING THE "READ" COMMAND,**

**2) CLICK THE "SAVE AS DEFAULT" BUTTON TO SAVE ANY NEWLY CONFIGURED DATA TO YOUR COMPUTER.**

**NOTE:** After the "READ" command is complete, some of the boxes of the main menu may not be displayed, this reflects the features of the model you have purchased.

## Modifying the current settings

### DTX-1300/1350

Detex Corp. DTX1000 Setup

Help Terminal Mode Card Reader About

Functions

Card Only

Keypad Only

Both

Keypad Options

CAC 123

PIN

Times

Strike Time 5

Keypad Timeout 20

Door Timeout 69

Card Control

Valid Cards

Starting Number 1

Ending Number 1002

Add 9

Remove

Remove All

Site Control

Facility 9999

Issue Level 0

Serial Number 109

Communication

Comm Port 1

Idle

Commands

Load

Read

Save as Default

Restore Defaults

**NOTE:** Any changes to this screen, require that the “LOAD” button be clicked to update your DTX1000 unit.

## Time and Date

**NOTE:** The time and date of your PC will be automatically loaded into the DTX1000 every time the “LOAD” button is clicked. You should verify that the time and date on your PC is correct.

## Functions

**NOTE:** The “Functions” box should only be modified for DTX models 1300 and 1350.

Select one.

- **Card Only** - Access can only be gained with a valid card swipe.
- **Keypad Only** - Access can only be gained with a valid Common Access Code (CAC). CAC is the only option available for the keypad only model and means that each person will use the same code to gain access. The administrator has the ability to change the CAC in the “Keypad Option” area of the main screen.
- **Both** - Access can be gained with a valid card swipe and valid keypad entry. The keypad and cardreader model gives the option of either working with CAC or Personal Identification Number (PIN). PIN means that each card has a distinct access code associated with it that the user must enter to gain access after a valid card swipe. The PIN is encoded into each card and is not able to be changed by the user.

## Keypad Option

For keypad and cardreader (both) models, users can select the mode of operation of the keypad.

**CAC** - Allows the administrator to change the CAC by entering a new number in the box.

**PIN** - Allows the administrator to require a separate code for each user (code is programmed into each card and not selectable by the administrator).

## Times

- **Strike Time** - Enter the amount of time that the strike is energized or magnetic lock is de-energized after access is granted (time is in seconds). This determines the amount of time the user has to open the door after a valid code is entered or card is swiped.
- **Keypad Timeout** - Enter the amount of time that is to be allowed for a user to enter a CAC or PIN.
- **Door Timeout** - Enter the amount of time that the door can be open after a valid entry before the alarm will be activated.

## Card Control

- **Valid Cards** - Enter the range of card numbers that are valid for entry.
  - Starting Number** - Enter the starting number of valid cards.
  - Ending Number** - Enter the ending number of valid cards.
- **Invalid Cards** - Enter the card number you wish to make invalid. Only one card can be invalidated at a time. Click the “DOWN” arrow on the right side of the Invalid Card Box to view the entire Invalid Card List. The “ADD” button must be clicked in order to register your entry.
- **“ADD” Button** - Click to add the card number that is entered in the Invalid Card Box to the Invalid Card List. Button must be clicked after each number is entered into the Invalid Card Box to enter it into the Invalid Card List.
- **“REMOVE” Button** - Removes the card number that is entered in the Invalid Card Box from the Invalid Card List, making that number valid again. Click on the “DOWN” arrow to the right of the Invalid Card Box to view the Invalid Card List, then click on the card number you wish to remove. This will highlight the number and select it for removal (NUMBER MUST BE HIGHLIGHTED IN ORDER TO REMOVE IT FROM THE LIST). Click on the “REMOVE” button
- **“REMOVE ALL” Button** - Clears all invalid card numbers from the Invalid Card list, making them all valid again.

**NOTE:** Click on “SAVE AS DEFAULT”, to save all new settings displayed on the “Setup” screen.

## **Site Control**

To modify this section, please contact Detex Customer Service.

## **Commands**

**“LOAD” Button** - Transfers all information that is entered in the main menu, to the DTX1000.

**“READ” Button** - Transfers all information that is loaded into the DTX1000 and is displayed in the main screen.

**“SAVE AS DEFAULT” Button** - Save the current information as the screen default.

**“RESTORE DEFAULTS” Button** - Information on the screen will be changed back to default information.

## **Communication**

Use the pull down menu to select the serial port that is connected to the DTX1000.

The activity window located in the lower part of the Communications box, displays the current activity. The activities are:

**Sending** - This message is displayed along with a series of numbers that represent data being sent after the “LOAD” command has been initiated.

**Starting** - This message is displayed at the beginning of the “READ” command.

**Idle** - This message is displayed when there is no communication commands taking place.

**NOTE:** In the event of a communications failure, **exit and restart** the program.

## **Menu Bar**

**Help** - Pull down menu for help information

**Terminal Mode** - Places unit in terminal mode for troubleshooting.

**Card reader** - This mode reads card information when swiped.

**About** - Version information

## Modifying the current settings

### DTX1200/1250

**Detex Corp. DTX1000 Setup**

Help Terminal Mode Card Reader About

**Functions**

Card Only  
 Keypad Only  
 Both

**Card Control**

**Valid Cards**

Starting Number   
Ending Number

Add    
Remove  
Remove All

**Commands**

Load  
Read  
Save as Default  
Restore Defaults

**Times**

Strike Time   
Keypad Timeout   
Door Timeout

**Site Control**

Facility   
Issue Level   
Serial Number

**Communication**

Comm Port 1   
Idle

**NOTE:** Any changes to this screen, require that the “LOAD” button be clicked to update your DTX1000 unit.

## Time and Date

**NOTE:** The time and date of your PC will be automatically loaded into the DTX1000 every time the “LOAD” button is clicked. You should verify that time and date on your PC is correct.

## Functions

**NOTE:** The “Functions” box should not be changed for this model.

Must be:

- **Card Only** - Access can only be gained with a valid card swipe.

## Card Control

- **Valid Cards** - Enter the range of card numbers that are valid for entry.

**Starting Number** - Enter the starting number of valid cards.

**Ending Number** - Enter the ending number of valid cards.

- **Invalid Cards** - Enter the card number you wish to make invalid. Only one card can be invalidated at a time. Click the “DOWN” arrow on the right side of the Invalid Card Box to view the entire Invalid Card List. The “ADD” button must be clicked in order to register your entry.
- **“ADD” Button** - Click to add the card number that is entered in the Invalid Card Box to the Invalid Card List. Button must be clicked after each number is entered into the Invalid Card Box to enter it into the Invalid Card List.
- **“REMOVE” Button** - Removes the card number that is entered in the Invalid Card Box from the Invalid Card List, making that number valid again. Click on the “DOWN” arrow to the right of the Invalid Card Box to view the Invalid Card List, then click on the card number you wish to remove. This will highlight the number and select it for removal (NUMBER MUST BE HIGHLIGHTED IN ORDER TO REMOVE IT FROM THE LIST). Click on the “REMOVE” button
- **“REMOVE ALL” Button** - Clears all invalid card numbers from the Invalid Card list, making them all valid again.

**NOTE:** click on “SAVE AS DEFAULT”, to save all new settings displayed on the “Setup” screen.

## **Site Control**

To modify this section, please contact Detex Customer Service.

## **Commands**

**“LOAD” Button** - Transfers all information that is entered in the main menu, to the DTX1000.

**“READ” Button** - Transfers all information that is loaded into the DTX1000 and is displayed in the main screen.

**“SAVE AS DEFAULT” Button** - Save the current information as the screen default.

**“RESTORE DEFAULTS” Button** - Information on the screen will be changed back to default information.

## **Communication**

Use the pull down menu to select the serial port that is connected to the DTX1000.

The activity window located in the lower part of the Communications box, displays the current activity. The activities are:

**Sending** - This message is displayed along with a series of numbers that represent data being sent after the “LOAD” command has been initiated.

**Starting** - This message is displayed at the beginning of the “READ” command.

**Idle** - This message is displayed when there is no communication commands taking place.

**NOTE:** In the event of a communications failure, **exit and restart** the program.

## **Menu Bar**

**Help** - Pull down menu for help information

**Terminal Mode** - Places unit in terminal mode for troubleshooting.

**Card reader** - This mode reads card information when swiped.

**About** - Version information

## Modifying the current settings

### DTX1100/1150

The screenshot shows the 'Detex Corp. DTX1000 Setup' window. The title bar includes standard window controls (minimize, maximize, close). The menu bar contains 'Help', 'Terminal Mode', 'Card Reader', and 'About'. The main content area is organized into several sections:

- Functions:** Three radio buttons are present: 'Card Only', 'Keypad Only' (which is selected), and 'Both'.
- Keypad Options:** A radio button labeled 'CAC' is next to a text box containing the number '123'.
- Times:** Three text boxes are shown: 'Strike Time' with '5', 'Keypad Timeout' with '20', and 'Door Timeout' with '69'.
- Commands:** A vertical stack of four buttons: 'Load', 'Read', 'Save as Default', and 'Restore Defaults'.
- Communication:** A dropdown menu for 'Comm Port 1' and a text box containing the word 'Idle'.

**NOTE:** Any changes to this screen, require that the “LOAD” button be clicked to update your DTX1000 unit.

## Time and Date

**NOTE:** The time and date of your PC will be automatically loaded into the DTX1000 every time the “LOAD” button is clicked. You should verify that time and date on your PC is correct.

## Functions

**NOTE:** The “Functions” box should not be changed for this model.

Must be:

- **Keypad Only** - Access can only be gained with a valid Common Access Code (CAC). CAC is the only option available for the keypad only model and means that each person will use the same code to gain access. The administrator has the ability to change the CAC in the “Keypad Option” area of the main screen.

## Times

- **Strike Time** - Enter the amount of time that the strike is energized or magnetic lock is de-energized after access is granted (time is in seconds). This determines the amount of time the user has to open the door after a valid code is entered or card is swiped.
- **Keypad Timeout** - Enter the amount of time that is to be allowed for a user to enter a CAC or PIN.
- **Door Timeout** - Enter the amount of time that the door can be open after a valid entry, before the alarm will be activated.

**NOTE:** click on “SAVE AS DEFAULT”, to save all new settings displayed on the “Setup” screen.

## Site Control

To modify this section, please contact Detex Customer Service.

## Commands

**“LOAD” Button** - Transfers all information that is entered in the main menu, to the DTX1000.

**“READ” Button** - Transfers all information that is loaded into the DTX1000 and is displayed in the main screen.

**“SAVE AS DEFAULT” Button** - Save the current information as the screen default.

**“RESTORE DEFAULTS” Button** - Information on the screen will be changed back to default information.

## Communication

Use the pull down menu to select the serial port that is connected to the DTX1000.

The activity window located in the lower part of the Communications box, displays the current activity. The activities are:

**Sending** - This message is displayed along with a series of numbers that represent data being sent after the “LOAD” command has been initiated.

**Starting** - This message is displayed at the beginning of the “READ” command.

**Idle** - This message is displayed when there is no communication commands taking place.

**NOTE:** In the event of a communications failure, **exit and restart** the program.

## **Menu Bar**

**Help** - Pull down menu for help information

**Terminal Mode** - Places unit in terminal mode for troubleshooting.

**Card reader** - This mode reads card information when swiped.

**About** - Version information