

# Installation Guide for the TMD-650 Card Reader

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**NOTE: PLEASE USE THE ENCLOSED INSTALLATION DISKETTE**

**NOTE: Drivers NOT supported for Windows 98 or higher.**

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1. **Hardware Installation:** Follow the manufacturer's enclosed installation manual to install the controller card and drive. Be sure that cables are installed properly and fully seated.
  
2. **Software Installation for Version 3.16(c):** Start your computer. From the Windows 95 main screen, follow these steps:
  - ?? Insert the installation diskette into the 3.5 inch floppy drive.
  - ?? Point to the *Start* button, click once, place the pointer on *Settings*, then on *Control Panel*, then click.
  - ?? The *Control Panel* window will appear. Point to the *Add/Remove Programs* icon and click on the *Install* button.
  - ?? The *Add New Hardware Wizard* window will appear. Click on the *Next* button.
  - ?? The *Install Program From Floppy Disk or CD-ROM* window will appear. Click on the *Next* button until *A:\SETUP.EXE* appears on the *Command line*. Click on the *Finish* button.
  - ?? Follow the setup procedure until complete. The *Information* window will appear indicating that *Setup is complete*. Click on the *OK* button.
  - ?? The *Restarting Windows* window will appear. Choose the *restart* option and click on the *OK* button.
  - ?? When the computer has completed the restart process, the Windows 95 main screen will appear. Point to and double click on the *My Computer* icon.
  - ?? The *My Computer* window will appear. The TMD-650 will appear as a *removable disk* drive.
  - ?? If no removable drive letter appears, disconnect the power cord from the TMD-650 for five seconds, then reattach the power cord. Restart your computer and check for the drive letter again.
  - ?? If no removable drive letter appears after the power cord reconnection and system restart, there may be a drive letter conflict. Go to the *CONFIG.SYS* file and add the */L:x* switch. See the back of this sheet for this procedure.
  
3. **Configuration is complete:** Restart your computer to activate the drivers: Point to the *Start* button, click once, then point to *Shut Down* and click. The *Shut Down Window* appears. Choose the *Restart the Computer* option and click on the *Yes* button. After the computer restarts, you are ready to use your new Karby TMD-650 PC Card drive.
  
4. **Card Formatting:** Only supported cards may be formatted using the CardTalk program.
  - ?? For ATA Flash cards, use standard ERASE and FORMAT procedures.
  - ?? For SRAM cards, open an MS-DOS window: Point to the *Start* button, click once, place the pointer on *Programs*, then on *MS-DOS Prompt*, then click.
  - ?? Change to the CardTalk directory. The command will probably be *CD\CARDTALK*. Press the *Enter* key.
  - ?? The directory should change to *C:\CARDTALK>*.
    - ?? To erase all files, use the command: **TCERASE -ALL -TYPE RAM E:**  
This assumes that the TMD-650 card drive letter is E. Enter the correct drive letter for your computer. Note that there is a space after TCERASE, after -ALL, after -TYPE and after RAM.
    - ?? To format the drive, use the command: **TCFORMAT E:**  
This assumes that the TMD-650 card drive letter is E. Enter the correct drive letter for your computer. Note that there is a space after TCFORMAT.

# Troubleshooting Guide for the TMD-650 Card Drive

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## 1. No drive letter designated for the TMD-650.

- ?? Make sure your hardware is firmly attached. Reattach the power connector to the TMD-650 and restart your computer.
- ?? Verify that the *CARDTALK* directory is present: Open *Windows Explorer* and check the list of folders for the C: drive.
- ?? Check the CONFIG.SYS file. It should contain the following three lines:

```
DEVICE=C:\CARDTALK\SSPPORT.SYS /LPT:1
DEVICE=C:\CARDTALK\CTALKCS.EXE
DEVICE=C:\CARDTALK\CARDTALK.SYS /A /MEMW /IO
```

The last line may need to contain an extra item:

```
DEVICE=C:\CARDTALK\CARDTALK.SYS /A /MEMW /IO /L:E
```

The */L:E* sets the drive letter to E (or another letter, depending on what you have specified). This should resolve any drive letter conflicts if properly set.

## 2. The computer hangs up (freezes, or stops operating) when drivers are loading.

- ?? Make sure you have driver version 3.16(c). Drivers can be downloaded from the Internet. Connect to <http://www.karby.com> and select the drivers under CardTalk Software.

## 3. Unable to print when the printer is attached to the TMD-650.

- ?? If your printer requires a bi-directional parallel port, it will *NOT* be able to print through the TMD-650. Here are some possible solutions:
  - ?? Install a second LPT port in the computer.
  - ?? Install an A/B data switch to allow switching between two parallel devices.
  - ?? Remove the TMD-650 from the computer when not in use.

## 4. Unable to access PC Cards when inserted into the TMD-650.

- ?? Make sure the card is fully seated in the TMD-650. The busy light will illuminate when a card is detected. Make sure the card is formatted. The drive cannot access an unformatted card.