

Before you can use the CD-ROM drive, you must reset your computer. For a hard-drive system, simply press RESET or CTRL+ALT+DEL. For a diskette-based system, insert the bootable diskette you created during software installation into Drive A - then, reset the computer.

If error messages appear during start up, confirm that you properly installed the CD-ROM hardware and software. Then, see "Troubleshooting" in this manual.

#### LOADING A CD

To load a CD (CD-ROM) and test the drive, do the following:

1. Push the front of the drive lightly. Then, after the drive extends slightly from the bay, pull the drive out towards you.
2. Raise the disc cover and insert a data disc with the label side facing up.
3. Lower the disc cover. Then, push the drive in until you hear a click.
4. Choose the CD-ROM as the default drive by typing its drive letter followed by a colon (d:) and pressing ENTER.

NOTE: The CD-ROM drive letter is usually D, but if you have more than one hard-drive partition, or if you have a RAM disk on your system, the letter you use may vary. Normally, the letter you use is the last drive on your system.

5. Type:

dir ENTER

6. If you see a DOS directory on your computer's screen, you can begin using the software and information on the disc.

Note: An audio disc has no directory.
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If you do not see a directory, see "Troubleshooting" in this manual.

7. To remove the disc, press the front of the drive and pull out the drive. Then, lift the cover and remove the disc.

#### CAUTION:

- \* Do not insert anything except the compact disc into the CDR-1000.
- \* Do not attempt to use a damaged disc.
- \* Do not drop, bend, or otherwise abuse the disc.
- \* Do not lift a disc from the drive while the disc is turning.

#### PLAYING COMPACT DISCS INTRODUCTION

Your CDR-1000 not only reads information from data discs, but also uses the

latest digital audio technology for sound reproduction. You can play compact discs (CDs) on the CD-ROM drive while you use your computer to run programs from your computer's hard drive or diskette drive.

CAUTION: Compared to analog audio, such as standard LP records, the noise level of CDs is very low. Do not set the sound level of the headphones or speakers by listening to the noise level. A high volume setting might damage your hearing or the speakers. To avoid this, first set the control on the front of the drive labeled VOLUME to minimum. Then, gradually increase the level to the desired volume.

Before you play a CD, do the following:

1. Load a CD into the CD-ROM drive.
2. If you want to use headphones, insert the headphones' 1/8-inch plug into the jack labeled PHONES.

NOTES:

- \* If you are not using headphones, connect the CD-ROM's output jacks, labeled R and L, to an external amplifier.
- \* Both the headphone jack and the audio output jacks are turned on when you play an audio disc.

#### THE AUDIO PLAY PROGRAM

You can play discs by running the Audio Play program from the CDR-1000 Device Driver diskette. The Audio Play Program allows you to play, stop, pause, and resume the track you want to play.

The Audio Play program allows you to play CDs in your CD-ROM drive using:

- \* A control panel
- \* A DOS line command

If you do not want to insert the device driver diskette each time you play a CD, copy the Audio Play program to a directory in your computer's hard drive.

For example, you might want to copy the Audio Play program to a directory called Disc. To do this, you must first create the Disc directory by typing:

```
md disc ENTER
```

Then, to copy the Audio Play program to the Disc directory, insert the device driver diskette into your computer's diskette drive and type:

```
Copy a:\tcdp.exe :\disc ENTER
```

Your computer makes a copy of the Audio Play program in the Disc directory of the hard drive.

#### USING THE CONTROL PANEL

You can use the control panel to play a disc. The control panel is a graphical display with icons you can select to control the CD-ROM drive.

To display the control panel, go to the directory where the Audio Play program is stored and type:

```
tcdp ENTER
```

The control panel appears on the computer's screen. The control panel icons allow you to use the Audio Play program's functions:

**Play** - Selecting this icon instructs the computer to begin playing the track displayed on the counter (current track), or to resume playing a track that is in Pause. If you select no other option, the CDR-1000 plays to the end of the disc and stops.

**NOTE:** When you activate PLAY, the counter displays the current track's elapsed time.

**Pause** - Selecting this icon instructs the drive to stop playing the current track until you select PLAY and press ENTER.

**NOTE:** You can press p to pause the current track (the cursor automatically selects PAUSE). To resume playing the current track, press p again (the cursor automatically selects PLAY).

**Stop** - Selecting this icon instructs the drive to stop playing a CD until you select PLAY and press ENTER.

**NOTES:**

- \* If you select PLAY after stopping the current track, the drive plays the current track from the beginning.
- \* You can press s to stop playing a CD (the cursor automatically selects STOP). To continue playing a CD press s again (the cursor automatically selects PLAY).

**Play Previous Track** - Selecting this icon instructs the drive to begin playing the adjacent lower numbered track. While a CD is playing, select this icon with the cursor and press ENTER. The adjacent track immediately begins playing and the counter displays the new track number and its elapsed time.

If the CD is stopped, press ENTER until the new track number you want appears on the counter. Then, select PLAY and press ENTER. The counter displays the new track's elapsed time.

**NOTES:**

- \* If you pause a track, you can select a new track on the counter using PLAY PREVIOUS TRACK; however, the drive disregards the new track you select and resumes playing the paused track after you select PLAY and press ENTER.
- \* If you play the CD's first track, selecting PLAY PREVIOUS TRACK instructs the drive to find the CD's last track. Then, selecting PLAY and pressing ENTER allows the drive to play the last track.

- \* If you press B while the current track is playing, the cursor momentarily selects PLAY PREVIOUS TRACK. Then, the cursor selects PLAY and the drive immediately begins playing the previous track.

Play Next Track - Selecting this icon instructs the drive to begin playing the adjacent higher numbered track. While a CD is playing, select this icon with the cursor and press ENTER. The adjacent track immediately begins playing and the counter displays the new track number and its elapsed time.

If the CD is stopped, press ENTER until the new track number you want appears on the counter. Then, select PLAY and press ENTER. The counter displays the new track's elapsed time.

NOTES:

- \* If you pause a track, you can select a new track on the counter using PLAY NEXT TRACK; however, the drive disregards the track you select and resumes playing the paused track after you select PLAY and press ENTER.
- \* If you play the CD's last track, selecting PLAY NEXT TRACK instructs the drive to find the CD's first track. Then, selecting PLAY and pressing ENTER allows the drive to play the first track.
- \* If you press N while the current track is playing, the cursor momentarily selects PLAY NEXT TRACK. Then, the cursor selects PLAY and the drive immediately begins playing the next track.

Reverse - Selecting this icon instructs the drive to immediately replay the previous 15 seconds of the current track and then to continue playing to the end of the CD. While a track is playing, select REVERSE with the cursor and press ENTER.

NOTES:

- \* If you press R while the current track is playing, the cursor momentarily selects REVERSE. Then, the cursor selects PLAY and the drive immediately replays the current track's previous 15 seconds.
- \* If you select REVERSE and press ENTER during the first few seconds of the current track on some CDs, the drive might pause. If this occurs, select PLAY with the cursor and press ENTER to continue playing the CD.

Forward - Selecting this icon instructs the drive to immediately advance past the next 15 seconds of the current track and then to continue playing to the end of the CD. While a track is playing, select FORWARD with the cursor and press ENTER.

NOTES:

- \* If you press F while the current track is playing, the cursor momentarily selects FORWARD. Then, the cursor selects PLAY and the drive immediately advances past the current track's next 15 seconds.
- \* If you select FORWARD and press ENTER during the first few seconds of the current track on some CDs, the drive might pause. If this occurs, select PLAY with the cursor and press ENTER to continue playing the CD.

Eject - Selecting this icon instructs the drive to stop playing a CD until you select PLAY and press ENTER.

NOTE: IF you press E, the cursor automatically selects EJECT and the CD stops playing.

To use the control panel, follow these instructions:

1. Using a mouse or the arrow keys, highlight the icon you want. The icon's function appears in the lower right corner of the control panel.
2. Press the Enter or SPACE BAR, or click the mouse button, to activate the highlighted option.

NOTES:

- \* On some CDs, the counter displays the time interval between tracks. The drive counts-down the time interval to zero. Then, the counter displays the next track's elapsed time.
- \* To erase the control panel and return to the prompt, press ESC.

USING A DOS LINE COMMAND

You can play CDs by using a DOS line command from your computer's keyboard. The line command accepts options that allow you to begin playing at the track you specify or to stop playing a CD. You can also pause and resume a track on a CD.

To play a CD, do the following:

1. Insert the CDR-1000 Device Driver diskettes into your computer's diskette drive. Then, type the appropriate drive letter followed by a colon. For example, if you are using Drive A, type:

a: ENTER

2. At the prompt, type:

tcdp?

The following line command prompt appears.

Usage: TCDP [ = - s p # ? ]

Options	= or -	Play next or previous song
	s	Start/stop
	p	Pause/unpause
	#	Start song number #
	?	This help screen

If no option is used, a control panel is displayed which uses these active keys:

s	Start/stop
p	pause/unpause
f/r	fast forward/reverse
n/b	next song/back one song
ESC/q	Quit
arrows	Select buttons
ENTER/space bar	Activate button

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3. At the prompt, type the line command followed by the option you want to use. Then, press ENTER.

The line command allows you to use the Audio Play program's functions:

(+) Play Next Song - This option instructs the drive to begin playing the adjacent high numbered track. You can use this option while the current track is playing or while the CD is stopped. If you are in STOP, type:

tcdp + ENTER

The next track immediately begins playing from the beginning.

Note: If you are playing the last track on a CD, you can select PLAY NEXT SONG and press ENTER to play the CD's first track.

(-) Play Previous Song - This option instructs the drive to begin playing the adjacent lowered numbered track. You can use this option while the current track is playing or while the CD is stopped. If you are in STOP, type:

tcdp- ENTER

The current track immediately begins playing from the beginning.

NOTE: If you are playing the first track on a CD, you can select PLAY PREVIOUS SONG and press ENTER to play the last track.

(s) Start/Stop - This option instructs the drive to stop playing a CD until you select this option again and press ENTER. You can also use START SONG NUMBER to exit this option and begin playing a separate track.

(#) Start Song Number # - This option instructs the drive to begin playing the track you specify after typing in the line command and pressing ENTER. IF you select no other option, the CDR-1000 plays to the end of the disc and stops.

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